



# CULTURE & CONNECTIVITY

**NEUROPSYCHOLOGY  
WITHOUT BORDERS**  
NYC | FEBRUARY 14-17 | 2024

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# INS

International  
Neuropsychological  
Society  
*Founded in 1967*

# Meeting-at-a-Glance

## Wednesday February 14

6th Floor, Marriott Marquis		5th Floor, Marriott Marquis			
Broadway Ballroom	Shubert / Majestic Complex 6th Floor Foyer	West Side Ballroom Salon 1	West Side Ballroom Salon 2	West Side Ballroom Salon 3	West Side Ballroom Salon 4
9:00 AM		9:00-12:00 <b>CE 1 (Bailey).</b> Sport Concussion Management Tools <b>Sports SIG</b>	9:00-12:00 <b>CE 2 (Berry).</b> Effective Group-Based Cognitive Interventions <b>Intervention SIG</b>		9:00-12:00 <b>CE 3 (MacPherson).</b> Future of Neuropsychological Assessment
12:00 PM		LUNCH ON OWN			12:00-12:50 <b>INS Business Meeting</b>
2:30 PM		2:30-3:45 <b>Poster Session 1.</b>	2:15-6:15 <b>Exhibitor Hours</b>	1:00-4:00 <b>CE 4 (Palme).</b> Deep Brain Stimulation <b>Movement Disorders SIG</b>	1:00-4:00 <b>CE 5 (Bilder).</b> Performance Validity Testing: Ethical Considerations
4:15 PM		Program Chairs' Welcome			1:00-4:00 <b>CE 6 (Parsons).</b> Chimeric Antigen Receptor T-Cell Therapy <b>Oncology SIG</b>
4:30-5:25		Plenary A. <b>EVANS</b> Neuropsych Rehab			
5:30-6:30		Awards Ceremony			
6:30 PM		6:30-7:30 <b>Welcome Reception: 9th Floor Foyer / Marquis Ballroom</b>			

## Thursday February 15

6th Floor, Marriott Marquis		5th Floor, Marriott Marquis			
Broadway Ballroom	Shubert / Majestic Complex 6th Floor Foyer	West Side Ballroom Salon 1	West Side Ballroom Salon 2	West Side Ballroom Salon 3	West Side Ballroom Salon 4
7:20 AM		8:00-8:55 <b>INS Lifetime Award. BILDER</b>	8:00-9:15 <b>Poster Session 2.</b>	8:15-1:15 <b>Exhibitor Hours</b>	7:00-7:20 Breakfast (CE ONLY)
9:00-10:30		9:00-10:30 <b>Invited Symposium 1.</b> Social Cognition in FTD (Piguet)	9:30-10:40 <b>Poster Session 3.</b>	9:00-10:30 <b>Symposium 1.</b> Bilingualism and Culture in Epilepsy (Stasenko)	7:20-8:50 <b>CE 7 (Kessels).</b> Memory (Dys)Function
10:30 AM COFFEE BREAK					
10:45-11:40		10:45-11:40 <b>Plenary B. STERN</b> Studying Cognitive Reserve		9:00-10:30 <b>Symposium 2.</b> Therapeutic Strategies in Rare Neurodevelopmental Disorders (Egger)	9:00-10:30 <b>Paper 1.</b> Interventions
11:45-1:10		11:45-1:10 <b>Paper 2.</b> Lifestyle Factors: Pain, Sleep, and Weight	12:00-1:10 <b>Poster Session 4.</b>	11:45-1:10 <b>Symposium 4.</b> History of Neuropsychology (Barr)	9:00-10:30 <b>Symposium 3.</b> NP and Digital Technologies (Sunderaraman)
1:15-2:10		1:15-2:10 <b>Mirsky Symposium</b> Elements of Attention		11:45-1:10 <b>Paper 3.</b> Neuropsychiatric Conditions & Substance Use/Abuse	11:45-1:10 <b>Paper Session 4.</b> Cognitive Aging and Related Topics 1
2:15-3:45		2:15-3:45 <b>Symposium 6.</b> International Test Commission Guidelines (Judd)		11:45-1:10 <b>Symposium 5.</b> Concussion in Children & Youth (Anderson)	11:45-1:10 <b>Symposium 5.</b> Concussion in Children & Youth (Anderson)
2:30-3:45		2:30-3:45 <b>Poster Session 5.</b>		1:15-2:10 <b>Oncology SIG</b>	1:15-2:10 <b>Brain Injury SIG</b>
2:15-5:30		2:15-5:30 <b>Exhibitor Hours</b>		1:15-2:10 <b>Dementia SIG</b>	1:15-2:10 <b>Cultural SIG</b>
3:45 PM COFFEE BREAK					
4:00-5:25		4:00-5:25 <b>Invited Symposium 2.</b> Human Connectome Project (Van Essen)		2:15-3:45 <b>Paper Session 5.</b> Movement Disorders	2:15-3:45 <b>Symposium 7.</b> Cognitive Rejuvenation in Aging (Casaletto)
4:00-5:15		4:00-5:15 <b>Poster Session 6.</b>		2:15-3:45 <b>Paper Session 6.</b> Cultural Neuro	2:15-3:45 <b>SLC Branding Workshop</b>
5:30-6:30		5:30-6:30 <b>Plenary C. FUJII</b> Culturally-Informed Assessment		4:00-5:25 <b>Symposium 8.</b> Interventions for NP Conditions (Berry)	4:00-5:25 <b>Paper Session 7.</b> Epilepsy & Seizures
6:30 PM		6:30-7:20 <b>Sports SIG</b>		4:00-5:25 <b>Paper Session 8.</b> Cognitive Aging and Related Topics 2	4:00-5:25 <b>Paper Session 9.</b> Assessment and Psychometrics
7:00 PM		7:00-9:00 <b>SLC Social: Connolly's Pub &amp; Restaurant, 2nd Floor Bar (121 W 45th St, New York, NY 10036)</b>			

Poster 01: Cognitive, Psychotherapeutic, & Psychosocial Intervention/Rehabilitation  
 Poster 02: Aging | MCI | Neurodegenerative Disease - PART 1  
 Poster 03: Neurotrauma | Neurovascular  
 Poster 04: Neuroimaging | Neurostimulation/Neuromodulation | TeleNP/Technology  
 Poster 05: Neuropsychiatry | Addiction/Dependence  
 Poster 06: Aging | MCI | Neurodegenerative Disease - PART 2 | Stress/Coping | Emotional/Social Processes



# Meeting-at-a-Glance

## Friday February 16

### 6th Floor, Marriott Marquis

Broadway Ballroom

Shubert / Majestic Complex  
6th Floor Foyer

7:20 AM

8:00-8:25  
**INS Early Career. CASALETTO**

8:30-8:55  
**INS Mid-Career. BUSCH**

9:00 AM

9:00-9:55  
**Plenary D. KOLAPPA**  
Globalization of Brain Health

10:00 AM

10:15-11:40  
**Invited Symposium 3.**  
Assessment Across the Language Barrier (**Truter**)

10:15-11:30  
**Poster Session 7.**

9:00-12:45  
**Exhibitor Hours**

11:45-12:40  
**Plenary E. KOSMIDIS**  
Neuropsychology & Literacy

12:45-1:40  
**WINDS SIG**

LUNCH ON OWN

12:45-1:40  
**TeleNP SIG**

12:45-1:40  
**Intervention SIG**

12:45-1:40  
**SEC SIG**

12:45-1:40  
**Epilepsy SIG**

1:45 PM

1:45-3:15  
**Symposium 11.**  
Asian Neuropsychologists: Global Insights (Nguyen-Martinez)

1:45-3:00  
**Poster Session 8.**

1:45-2:45  
**NeuroCOVID SIG**  
Booth (5th Floor)

1:45-3:15  
**Paper Session 11.**  
Oncology

1:45-3:15  
**Paper Session 12.**  
Mild Cognitive Impairment

1:45-3:15  
**Symposium 12.**  
Integrating Rehab Models in NP of Epilepsy (Reyes)

1:45-3:15  
**Paper Session 13.**  
Pediatric, Child, & Adolescent NP

3:15 PM

3:30-4:55  
**Invited Symposium 4.**  
AD: New Diagnostic Criteria (**Brickman**)

3:30-4:45  
**Poster Session 9.**

1:45-5:00  
**Exhibitor Hours**

3:30-4:55  
**Symposium 13.**  
NP in Diverse Populations (Bragg)

3:30-4:55  
**Paper Session 14.**  
Traumatic Brain Injury

3:30-4:55  
**Paper Session 15.**  
Neuroanatomy, -imaging & -physiology

3:30-4:55  
**Paper Session 16.**  
Stroke & Cerebrovascular Disorders

5:00 PM

5:00-6:00  
**Plenary F. SCHNIDER**  
Confabulation & Reality Filtering

### 5th Floor, Marriott Marquis

West Side Ballroom Salon 1

West Side Ballroom Salon 2

West Side Ballroom Salon 3

West Side Ballroom Salon 4

7:00-7:20 Breakfast (CE ONLY)

8:00-8:55  
**War-Time Neuropsychology in Ukraine**

7:20-8:50  
**CE 9 (O'Bryant).**  
Biomarkers of AD

7:00-7:20 Breakfast (CE ONLY)

7:20-8:50  
**CE 10 (Loring).**  
Treatment Risks of ASMs  
**Epilepsy SIG**

COFFEE BREAK

10:15-11:40  
**Symposium 9.**  
Moving Beyond Secondary Status (Peterson)

10:15-11:40  
**Symposium 10.**  
ENIGMA Working Groups (Hillary)

10:15-11:40  
**Paper Session 10.**  
Alzheimer's Disease

10:15-11:40  
**SLC Self-Care / Self-Advocacy Panel**

LUNCH ON OWN

1:45-3:15  
**Paper Session 11.**  
Oncology

1:45-3:15  
**Paper Session 12.**  
Mild Cognitive Impairment

1:45-3:15  
**Symposium 12.**  
Integrating Rehab Models in NP of Epilepsy (Reyes)

1:45-3:15  
**Paper Session 13.**  
Pediatric, Child, & Adolescent NP

COFFEE BREAK

3:30-4:55  
**Symposium 13.**  
NP in Diverse Populations (Bragg)

3:30-4:55  
**Paper Session 14.**  
Traumatic Brain Injury

3:30-4:55  
**Paper Session 15.**  
Neuroanatomy, -imaging & -physiology

3:30-4:55  
**Paper Session 16.**  
Stroke & Cerebrovascular Disorders

## Saturday February 17

### 6th Floor, Marriott Marquis

Broadway Ballroom

Shubert / Majestic Complex  
6th Floor Foyer

7:20 AM

9:00-10:30  
**Invited Symposium 5.**  
Remote Assessment in Ageing (**Hornberger**)

9:00-10:15  
**Poster Session 10.**

8:30-12:15  
**Exhibitor Hours**

10:30 AM

10:45-12:10  
**Symposium 15.**  
Risk Factors for Cognitive Decline (Papp)

10:45-12:00  
**Poster Session 11.**

12:15 PM

12:15-1:10  
**Plenary G. BIALYSTOK**  
Neuropsychology of Bilingualism

1:15 PM

**Closing Ceremony**

### 5th Floor, Marriott Marquis

West Side Ballroom Salon 1

West Side Ballroom Salon 2

West Side Ballroom Salon 3

West Side Ballroom Salon 4

7:00-7:20 Breakfast (CE ONLY)

7:20-8:50  
**CE 11 (Rahman-Filipiak).**  
Ethics-AD Biomarkers

7:00-7:20 Breakfast (CE ONLY)

7:20-8:50  
**CE 12 (McTeague).**  
Leveraging Transcranial Magnetic Stimulation

9:00-10:30  
**Symposium 14.**  
Cognitive Decline/Dementia in Low Educ/Literacy (Diaz-Orueta)

9:00-10:30  
**Paper Session 17.**  
Multiple Sclerosis

9:00-10:30  
**Paper Session 18.**  
Neuromedical Disorders

9:00-10:30  
**Paper Session 19.**  
Other Dementias

COFFEE BREAK

10:45-12:10  
**Paper Session 20.**  
Training/Education & Practice issues

10:45-12:10  
**Paper Session 21.**  
Teleneuropsychology and Technology

10:45-12:10  
**Paper Session 22.**  
Concussion

**Poster 07:** Assessment/Psychometrics | Forensics/Noncredible Presentations  
**Poster 08:** Cognition | Cognitive Reserve Variables  
**Poster 09:** Epilepsy | Oncology | MS | Infectious Disease  
**Poster 10:** Neurodevelopmental | Congenital Conditions  
**Poster 11:** Cultural Neuropsychology | Education/Training | Professional Practice Issues



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## A message from Cady Block & Rune Nielsen, Program Co-Chairs of the 53rd Annual INS Meeting in New York City (14th to 17th February 2024):

Populations, cultures, and science are rapidly evolving around the world. Upsurges in mobility and international migration have increased diversity in most regions, while advancements in technology and communication have not only connected people but brought disparate geographical areas closer together. This provides unique opportunities, as well as poses unique challenges, for neuropsychology. It is becoming clearer than ever that cultural factors must be considered to fully understand the biopsychosocial nature of the brain, and that neuropsychology must operate at a more global scale rather than limiting itself to the bounds of a specific country or region. These are the inspirations for our theme for the 2024 Annual INS Meeting in New York, Culture & Connectivity: Neuropsychology Without Borders.

We are excited to present to you a scientific program that reflects the diversity of neuropsychology, as well as its interdisciplinary nature. Want to hear from our INS President **Dr. Jon Evans**, on the science and practice of neuropsychological rehabilitation? How about **Dr. Kavitha Kolappa**, one of the authors of the first-ever report on global brain health by the World Health Organization? **Dr. David Essen**, who will provide us with an update on the Human Connectome Project? You can attend these and many other events at the meeting. Its 7 keynote addresses, 5 invited symposia, 12 CE workshops, 132 paper presentations, and 1200 poster presentations will all further our understanding of the brain-context relationships determining cognitive, emotional, and sociocultural development and functioning across the lifespan, the neuroscience of healthy and disease states alike, innovations in measurement/assessment, and state-of-the-art interventional approaches. This meeting was also designed to specifically emphasize cross-cultural neuropsychology, global collaboration, and professional integration across disciplines in a multicultural and interconnected world.

This year's theme is well-matched for its host city of New York. With over 8 million inhabitants and 800 spoken languages, cultures and borders blend to create a massive melting pot of diversity that is considerably more than the sum of its parts. We could not be more excited about **#INS2024inNYC**, and hope that you will join us for several days of amazing brain science, professional development, networking, and connections - as well as to partake in the array of artistic, culinary, historical, and other cultural features of New York. As the 2024 INS Program Co-Chairs, we have but one thing left to say...

# WE ♥ NY



**Cady Block**  
Program Co-Chair



**T. Rune Nielsen**  
Program Co-Chair

# Welcome to New York!

## Official Venue & Headquarter Hotel

The official venue is the **New York Marriott Marquis**. All events occur at the hotel, making it the preferred lodging choice for most attendees.

The hotel is nestled in the heart of Times Square in Midtown Manhattan, mere steps away from exciting shops, Broadway shows, and world-class restaurants. The Times Square subway station can take you to the far reaches of what the city has to offer.

Three international airports service the area: LaGuardia (LGA; 9.5 miles away), JFK (18.5 miles away), and Newark (EWR; 16.5 miles away).

### In-Room Wifi

To get complimentary internet in your room: book in the INS room block and provide your Marriott Rewards number at check-in. Enroll for free today—click [here](#)!

### Meeting Wifi

SSID / Name: **MarriottBonvoy\_Conference**  
Password: **INS2024** (not case sensitive)

### Onsite Amenities

Hotel Check-In: 8th Floor

Gift Shop: 8th Floor

FedEx Print Shop: 7th Floor

Sky Lobby: 16th Floor

### Dining Options

Starbucks: 1st Floor / Broadway Level

Broadway Lounge: 8th Floor

Revel & Rye Bar & Restaurant: 8th Floor

In-room dining: 6–11 AM, 4 PM–Midnight

### Coat Check

Located on the 5th Floor South Foyer

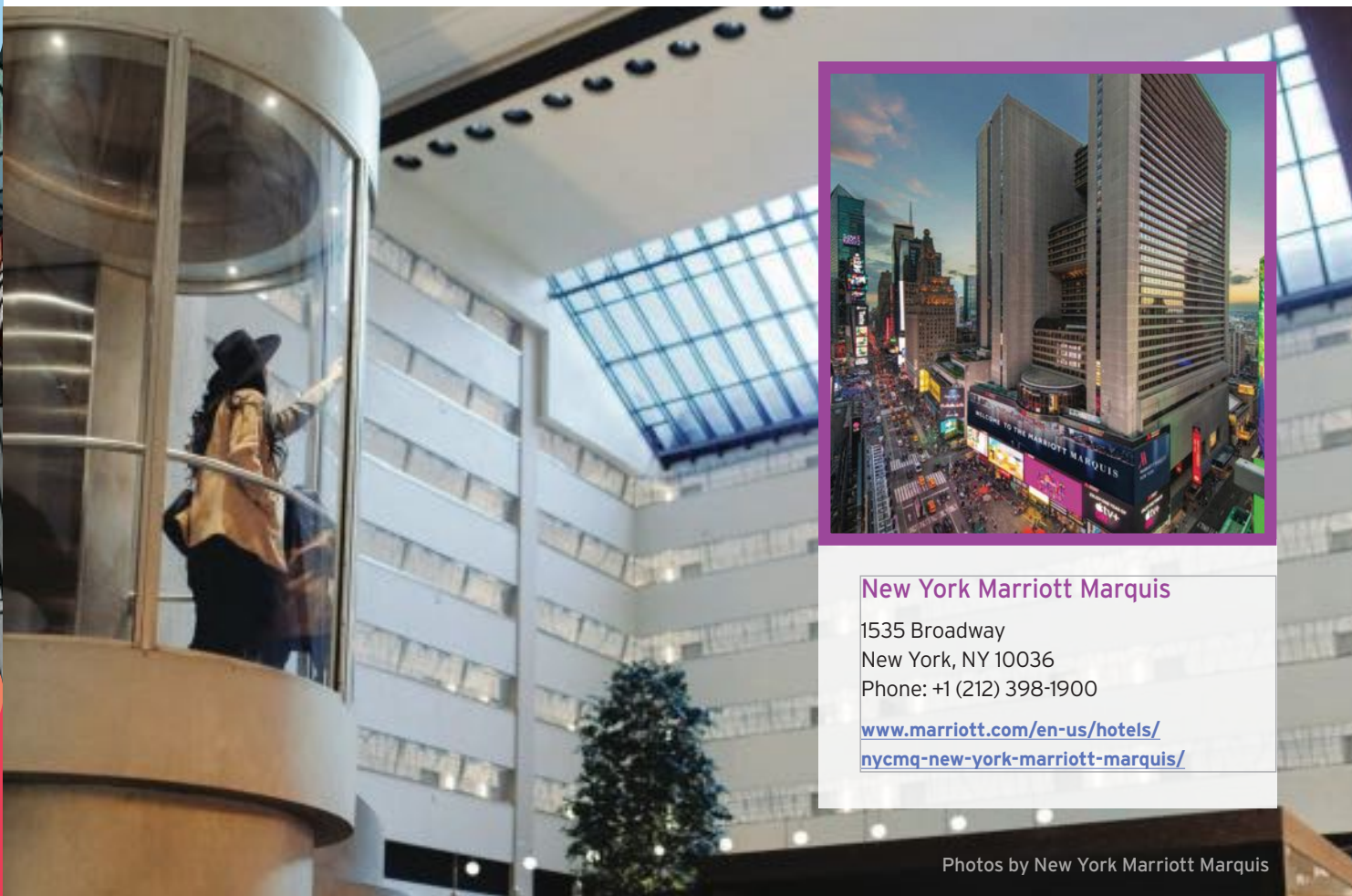
Wed Feb 14: 8:30 AM–8:00 PM

Thu Feb 15: 7:00 AM–6:45 PM

Fri Feb 16: 7:00 AM–6:30 PM

Sat Feb 17: 7:00 AM–2:30 PM

\$5 per person (requirement of hotel; please note that INS does not receive any remuneration)



### New York Marriott Marquis

1535 Broadway  
New York, NY 10036  
Phone: +1 (212) 398-1900

[www.marriott.com/en-us/hotels/nycmq-new-york-marriott-marquis/](http://www.marriott.com/en-us/hotels/nycmq-new-york-marriott-marquis/)

Photos by New York Marriott Marquis

## 6th Floor

### INS Registration Desk

### Plenary Sessions:

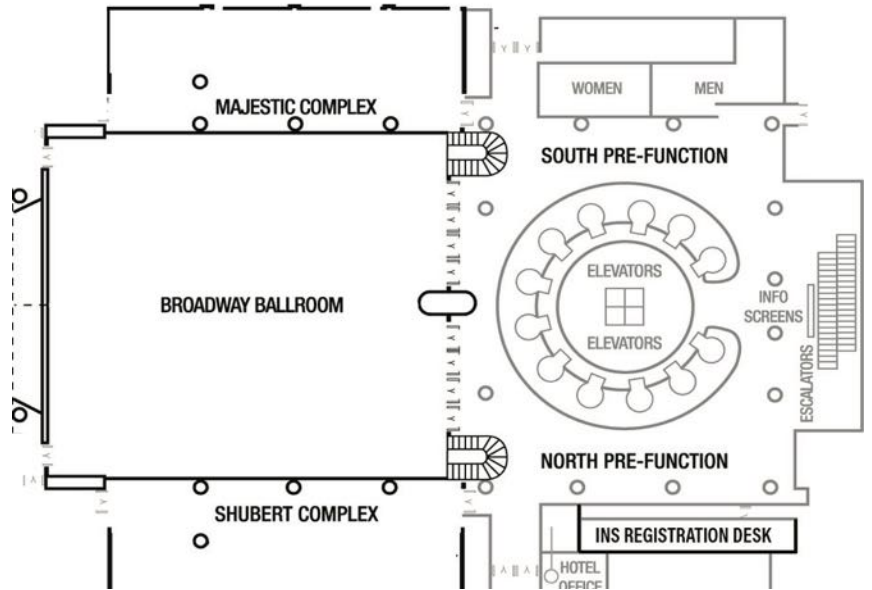
Broadway Ballroom

### Exhibits & Coffee Breaks:

6th Floor Foyer

### Posters:

01-60 Shubert Complex  
61-120 Majestic Complex



## 5th Floor

### Speaker Ready Room:

*Lyceum Complex:*  
Lyceum Room

### Concurrent Sessions:

West Side Ballroom  
Salons 1-4

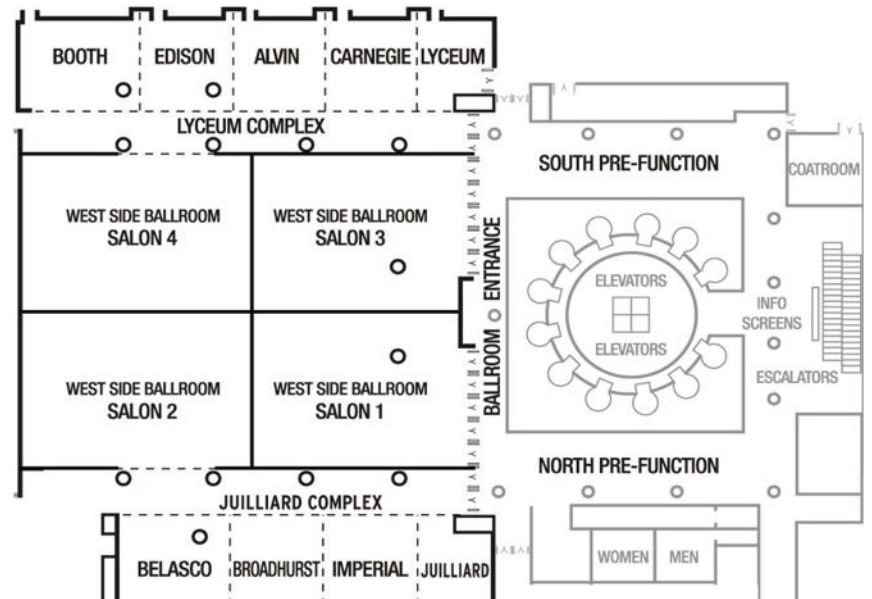
### Coat Room:

 South Foyer

### Ancillary Meetings:

*Lyceum Complex:*  
Booth, Edison, Alvin, Carnegie

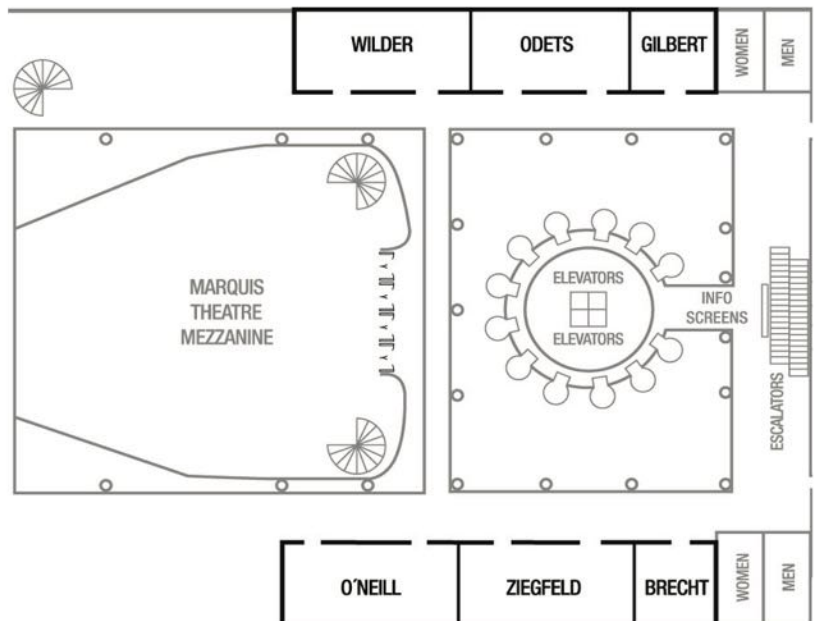
*Juilliard Complex:*  
Belasco, Broadhurst, Imperial, Juilliard



## 4th Floor

### Ancillary Meetings:

Wilder  
Odets  
Gilbert  
O'Neill  
Ziegfeld  
Brecht





# Registration Information

Visit the INS Registration Desk, located on the **6th Floor** in the **Broadway Ballroom North Foyer**, to check-in and obtain your badge and materials.

## Registration Desk Hours:

Tue Feb 13	3–6 PM*
Wed Feb 14	8–11:30 AM, 12–6PM
Thu Feb 15	7 AM–12:30 PM, 1–6:00 PM
Fri Feb 16	7 AM–12:00 PM, 12:30–5:30 PM
Sat Feb 17	7 AM–12:30 PM

\*Located in the **4th Floor Brecht Room** this day only

## What is Included in Registration?

The general meeting registration fee includes all **General Sessions**—see below for full details.

The only items not included in the general registration fee are **CE Workshops** and **Optional CE Credit for Plenary Sessions and Invited Symposia**—see important details below.

## Badge Policy

**Your INS badge must be worn at ALL times during the meeting—during all events and activities that occur onsite.**

Lost badges may be reprinted at the INS Desk.

If you are enrolled in CE workshops, we will scan your badge upon entry to the workshop.

If you want optional CE credit for plenaries or invited symposia, you must have your badge scanned by the volunteer proctor upon entry to the session.

### Included in General Registration:

#### GENERAL SESSIONS

General sessions are open to everyone who has paid the general fee—this includes paper sessions, symposia, poster sessions, and special INS events.

#### PLENARY SESSIONS & INVITED SYMPOSIA

All registered attendees are welcome and encouraged to attend our invited keynotes and symposia.

**IMPORTANT:** If you want optional CE credit for attending plenaries or invited symposia, you must have your badge scanned in by the volunteer proctor stationed at the door of the plenary. **You DO NOT need to scan in unless you plan to seek CE credit, either now or at a later date. We cannot grant CE credit unless we have documented your full attendance at the session.**

#### EXHIBIT HALL & SOCIAL EVENTS

Your INS badge allows entry to all official social events at the Annual Meeting, including:

- Daily networking in the **Broadway Ballroom Foyer** and **Shubert & Majestic Complexes**, where all poster sessions, coffee breaks, and Exhibitors are located
- The Welcome Reception on Wednesday evening

#### ANCILLARY MEETINGS & EVENTS

Registered attendees may also participate in ancillary meetings that occur throughout the INS meeting. See the full ancillary schedule later in this book.

**Please Note:** Many ancillary events are invitation-only. All ancillary events must be arranged in advance through INS.

### Not Included (Optional Items):

#### CE WORKSHOPS

**In order to attend CE workshops, you must pre-register and pay an additional course fee.** Only pre-registered participants are admitted.

Generally, CE workshops can be added up to 24 hours before each workshop. **To add CE options, please inquire at the onsite registration desk.**

Volunteer proctors will scan attendee badges at the door to verify registration and document full attendance at CE sessions.

For more information about the INS CE program, please turn to page 28 or visit [this page](#).

When you register for CE options, you will receive an email with links to the handouts for that session. Please note that no paper handouts are distributed onsite. **We highly recommend you download and/or print handouts in advance because of anticipated high bandwidth usage during the meeting.**

#### OPTIONAL CE CREDIT FOR PLENARY SESSIONS & INVITED SYMPOSIA

One hour of **optional** CE credit is available for each plenary, and 1.5 hours are available for each invited symposium.

**To receive optional CE credit, attendees must:**

- Pay an additional course-based fee\*;
- Scan your badge to document your full attendance;
- And complete all CE requirements listed on the INS website

\*This fee may be paid before the session or after the meeting is over; visit the INS website to add optional credit(s) after the meeting is over. Your attendance must be documented to add sessions.







## Alerts & Flash Photography

Please mute or switch all cell phones, pagers, and other mobile devices to vibrate mode when entering sessions.

Flash photography is always strictly prohibited. Photos and/or other recordings may not be taken in the Exhibit Hall, or of any presentation, without the express, written permission of the presenter(s).

## Attendee Code of Conduct

All participants (including registered attendees and their guests, speakers, exhibitors, volunteers, staff, and all others) are anticipated to conduct themselves in an appropriate, professional, and respectful manner at all times during the meeting. If an individual is unable to meet these expectations, INS reserves the right to ask them to leave the meeting without reimbursement.

## Certificates of Attendance

If you need a certificate documenting your attendance, please inquire at the INS Registration Desk, or send an email after the meeting is over to [ins@the-ins.org](mailto:ins@the-ins.org).

## Child Care: Camp INS-A Jungle Adventure

INS is happy to subsidize the majority of costs for child care for attendees. The cost is \$10 per hour for one child, or \$15 per hour for two children.

To register or for more information please contact Brittany Ashley at [tamingtoddlersllc@gmail.com](mailto:tamingtoddlersllc@gmail.com).

### Child Care Hours

Wed Feb 14	1 PM-8 PM
Thu Feb 15	7 AM-8 PM
Fri Feb 16	7 AM-8 PM
Sat Feb 17	7 AM-2 PM

### Interview Rooms:

Wilder / Odets, 4th Floor

Tue Feb 13	7 AM-7 PM**
Wed Feb 14	7 AM-7 PM
Thu Feb 15	7 AM-7 PM
Fri Feb 16	7 AM-7 PM

\*\*Odets only until 3:00 PM this date

## Interview Rooms

Rooms designated for candidate interviews are **Wilder** and **Odets** on the 4th Floor, as well as the 4th Floor Foyer.

**Please utilize the on-site message boards to post or check for interviewing opportunities. Interviews are arranged independently between interviewers and candidates; INS does not coordinate interviews.**

## NYSAN & NYNG Locals Lounge

A locals lounge will be in the **Belasco Room**. There is no security in this room so please do not leave your personal items.

## Nursing Mothers

A private, locking room is available on the 6th Floor for nursing mothers during the same hours as the INS registration desk. Please see the INS desk to obtain a key.

## Published Proceedings

The complete scientific program and abstracts listing for the meeting will be published in an online, supplemental issue of the *Journal of the International Neuropsychological Society: JINS*. All supplemental issues of JINS are freely available online, without a subscription.

## Morning Yoga

The SLC has arranged for yoga on Thursday and Friday mornings in the Broadhurst Room (in the Lyceum Complex on the 5th Floor). Registration is at <https://t.co/Sm2eQk1ZpF>.

### Locals Lounge: Belasco, 5th Floor

Wed Feb 14	7 AM-8 PM
Thu Feb 15	7 AM-8 PM
Fri Feb 16	7 AM-8 PM
Sat Feb 17	7 AM-2 PM

### Morning Yoga: Broadhurst, 5th Floor

Thu Feb 15	7:00-8:00 AM
Fri Feb 16	7:00-8:00 AM



## Speaker Ready Room

The Speaker Ready Room is located in the Lyceum Room on the 5th Floor.

### Speaker Ready Room Hours

Wed Feb 14	8-10 AM, 11:30-1 PM and 3-6 PM
Thu Feb 15	6:45-12:15 PM and 1:15-6 PM
Fri Feb 16	6:45-12:00 PM and 1:00-5:30 PM
Sat Feb 17	6:45-12:00 PM

**ALL SPEAKERS (including Plenary and CE Speakers and all presenters in Paper and Symposia Sessions) are required to check-in at the Speaker Ready Room no later than 24 HOURS prior to their assigned session to whatever extent possible.**

### General Guidelines

Presenters are not permitted to use their own computers or devices. In each lecture hall, presenters will have access to a laptop, mouse, laser pointer, and microphone.

A technician will be available during posted hours to help upload presentations to a central system. **Speakers are strongly encouraged to check-in in the day before their scheduled presentation.** This will ease transitions between sessions where time is extremely tight. INS cannot guarantee your presentation will be available if not delivered well in advance of the session.

### Presentation Files

Please bring your presentation file with you on a USB memory stick/flash drive for easy export. If your presentation is in a format other than PowerPoint, or if it requires special programming, please inform the INS office as soon as possible. If you have video or audio clips embedded in your presentation, please bring a copy of those files along with your PowerPoint. Please note no handouts will be distributed by INS.

### Paper Session Presenters

**Please visit the Speaker Ready Room at least 24 hours ahead of your session to upload your presentation to a central computer.**

Paper sessions are approximately 85 minutes in length and consist of six (6) individual presentations.

Each paper presenter will have 12 minutes to present their paper (including their introduction by the moderator). Then, immediately following each presentation, the moderator will guide a 2-minute question and answer period.

Please help the moderator and be respectful of other authors by staying within your allotted time, as each session is under a strict time limitation.

### Symposia Presenters

**Please visit the Speaker Ready Room at least 24 hours ahead of your session to upload your presentation to a central computer.**

Symposia sessions are approximately 85 minutes in length. It is up to the Symposium Chair's discretion to divide the time amongst the individual abstracts, the discussant, and to allow time for audience discussion and questions. Please stay within the time allotted by the Symposium Chair, as each session is under strict time limits.

### Poster Presenters

Poster sessions will take place on the 6th Floor in the Shubert Complex (poster numbers 1-60) or Majestic Complex (poster numbers 61-120).

**All authors were emailed their final poster board assignments on February 2. Please place your poster on the board labeled with your assigned number.**

**Please arrive no earlier than 10 minutes prior to the start of your session to mount your poster.** A volunteer will be available 10 minutes prior to each poster session to distribute push-pins and assist authors with finding their assigned poster boards.

The presenting author must be present at the poster session and should remain with the poster to entertain questions for the duration of the session.

### Poster Symposia Presenters

**Please follow the instructions above for Poster Presenters.**

Poster symposia occur during regular poster sessions, but are grouped together to allow authors to provide a cohesive presentation on their selected topic.



# Exhibit Hall

All attendees are invited to stroll through the INS Exhibit Hall, located in the **Broadway Ballroom Foyer** on the 6th Floor.

Take advantage of discount prices on many journals, books, testing materials, and more, offered especially by our exhibitors for registered INS attendees.

## Exhibit Hall Hours:

Wed Feb 14	2:15 PM-6:15 PM
Thu Feb 15	8:15 AM-1:15 PM, 2:15 PM-5:30 PM
Fri Feb 16	9:00 AM-12:45 AM, 1:45 PM-5:00 PM
Sat Feb 17	8:30 AM-12:15 PM

## 53rd Annual Meeting Sponsors & Exhibitors



**American Psychological Association (APA)**

[apastyle.apa.org](http://apastyle.apa.org)



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[www.mhs.net](http://www.mhs.net)



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[www.phoenixchildrens.org](http://www.phoenixchildrens.org)



**University of Utah Health**

[healthcare.utah.edu](http://healthcare.utah.edu)

# COFFEE TIME

Take a moment to enjoy a cup of coffee or tea while browsing through our exhibits. It's the perfect opportunity to catch up with your colleagues. Coffee, decaf, and tea will be served in the 6th Floor Foyer.

**Thursday Feb 15**

10:30-10:45 AM

3:45-4:00 PM

**Friday Feb 16**

10:00-10:15 AM

3:15-3:30 PM

**Saturday Feb 17**

10:30-10:45 AM



## INS AWARDS CEREMONY

Don't miss the **INS Awards Ceremony** on Wednesday at 5:30 PM in the Broadway Ballroom

*To kick things off, INS is excited to welcome Makenzie Adams, a rising young singer! See her now before she's on Broadway*



## WEDNESDAY WELCOME RECEPTION

After the Awards Ceremony, stick around for the **INS Welcome Reception** starting at 6:30 PM in the Marquis Ballroom and 9th Floor Foyer. Enjoy apps and drinks, and kick off the meeting in style with your friends and colleagues!

## INS STUDENT LIAISON COMMITTEE (SLC) STUDENT SOCIAL

Trainees of all levels are welcome at the **INS SLC Student Social** for mingling and light refreshments.

The Social will be Thursday from 7:00-9:00 PM at the Second Floor Bar at Connolly's Pub & Restaurant (121 W 45th St, New York, NY 10036).

## INS BUSINESS MEETING

Learn about the INS organization and upcoming initiatives at the annual business meeting on Wednesday from 12:00-12:50 PM in West Side Ballroom Salon 3.



CULTURE & CONNECTIVITY



# INS NYC 2024 Program Committee



## INS President

Jonathan Evans



## Program Co-Chair

Cady Block



## Program Co-Chair

T. Rune Nielsen



## CE Chair

Benjamin Hampstead

## Program Committee Members

Adam Brickman

Adam Cassidy

Agnieszka Pawelczyk

Akira Midorikawa

Alberto Fernandez

Alena Stasenko

Alex Birdsill

Alysa Doyle

Amanda Gooding

Amanda Winter-Greenberg

Ana Rita Silva

Ana Sofia Costa

Andrea Sherwood

Angela Troyer

Anita Hamilton

Anna Egbert

Anna Magnante

Anna Ord

Anny Reyes

Anselm Fuermaier

Beth Slomine

Breton Asken

Bruce Hermann

Carolyn Parsey

Cathy Catroppa

Charles Cederberg

Cheng-Chang Yang

Chia-Hsing Chi

Chris Mizelle

Chris Nguyen

Christian LoBue

Christine Koterba

Christine Petranovich

Courtney Ray

Dalin Pulsipher

Daniel Kjaergaard

Daniel Mograbi

Danielle Ransom

Daryl Fujii

David Scarisbrick

Dawn Mechanic-Hamilton

Derin Cobia

Desiree Byrd

Donel Martin

Duke Han

Elizabeth Boots

Emilia Łojek

Emily Briceno

Emily Trittschuh

Erin Morgan

Erin Plumley

Esmeralda Matute

Eva Bonda

Ewa Malinowska

Faith Ndinigwe

Fiona Kumfor

Frank Hillary

Fred Unverzagt

Glenn Smith

Hetta Gouse

Holly Miskey

Hsin-Te Chang

Jeff Schaffert

Jeffrey Wefel

Jennifer Katzenstein

Jennifer Koop

Jennifer Lynn McCain

Jihyeon Jo

Jimmy Choi

Jody Hagen

Johanna Rengifo

John Bellone

John Gunstad

John Stratton

Justin Karr

Kalliopi Megari

Karen Blackmon

Karen Dorsman

Karin Walsh

Karl Swain

Kate Papp

Katherine Gifford

Katherine Reiter

Kathryn Grueninger

Kayci Vickers

Kayla Tureson

Kelly Ryan

Kendra Anderson

Keshia Sanders

Kimberly Chapman

Kyle Noll

Kyle Srnka

Laura Hancock

Laura Hokkanen

Laura Zahodne

Lena Dobson

Lena Etzel

Lenka Kramska

Linda Ewing Cobbs

Lindsay Clark

Lisa Jacobson

Lisanne Jenkins

Louisa Thompson

Lucette Cysique

Luis D Medina

Machia Okubo

Maiko Sakamoto

Maira Okada de Oliveira

Maria Bracho

Maria Jonsdottir

Marisa Spann

Martin Woon

Mary Beth Spitznagel

Mary Meredith Gillis

Matthews Katjene

Maya Ramirez

Megan Sy

Mervi Jehkonen

Michael Alosco

Michael Kirkwood

Michelle Madore

Mie Matsui

Mieke Verfaellie

Miguel Arce Renteria

Miriam Beauchamp

Molly Split

Molly Zimmerman

Nai-Wen Guo

Nara Cortes Andrade

Natasha Ludwig

Nicholas Jasinski

Nicholas Ryan

Nora Coulti

Nyaz Didehbani

Olivier Piguet

Omar Alhassoon

Otto Pedraza

Pamela M Dean

Paola Suarez

Patck Armistead-Jehle

Patricia Rzezak

Peter Anderson

R Brock Frost

Ramona Rostami

Raul Gonzalez

Raymond Chan

Robin Hilsabeck

Rosemary Fama

Rowena Ng

Roy Kessels

Ruchika Prakash

Rwei-Ling Yu

Ryan Schroeder

Ryan Van Patten

Sagar Lad

Sahba Besharati

Sakshi Chopra

Sallie Baxendale

Sanne Schagen

Sarah Banks

Sari-Anne Levänen

Scott Langenecker

Scott Sorg

Sergio Dansilio

Sharon Simon

Shawn McClintock

Skye McDonald

Stephanie Kielb

Stephen Aita

Steven Woods

Tatia Lee

Thomas Farrer

Tiia Saunamäki

Velisa Johnson

Vicki Anderson

Victor Del Bene

Victoria O'Connor

Vigneswaran Veeramuthu

Vonetta Dotson

Wei Qi

Wei-Han Wang

Yen-Hsuan Hsu

Yesenia Serrano

Yoko Okamura

Yu-Chi Liao

Yu-Ling Chang

Yukihiko Ueda



# Special Interest Groups at INS NYC!

The Special Interest Groups (SIGs) at the INS have been working tirelessly this past year to organize multiple events at the International Neuropsychological Society Annual Meeting in NYC. These groups, dedicated to fostering collaboration and knowledge exchange within specialized areas of neuropsychology, provide a unique platform for professionals and researchers who share common clinical and research interests.

We encourage both current and new INS members to consider attending these SIG events, where they can connect with smaller communities focusing on specific content areas. Engaging with SIGs offers a valuable opportunity to delve deeper into discussions, share experiences, and stay abreast of the latest advancements in their respective fields. Whether you are a seasoned member or new to the INS community, joining a SIG enhances your overall conference experience by broadening your professional network and providing access to valuable insights, resources, and collaborative opportunities.

Take advantage of these specialized forums to make meaningful connections, gain exposure to cutting-edge research, and enrich your involvement in the INS community. The SIGs are not just events; they are vibrant communities where like-minded individuals come together to shape the future of neuropsychology.

## SIG Booth Extravaganza:

Don't forget to swing by the SIG booth, conveniently located next to the registration desk. Grab your ribbons and mingle with our SIG leaders for a dose of inspiration and networking.

## CE Workshops Worth Exploring:

Embark on a journey of knowledge with four SIG-sponsored Continuing Education (CE) workshops. Expert-led sessions from:

- Sports Neuropsychology**
- Neuropsychological Intervention**
- Movement Disorders**
- Oncology**

Plus, don't miss out on the cutting-edge SIG-sponsored symposium highlighting the latest in TeleNeuropsychology and Digital Interventions.

## SIG Business Meetings for Networking:

Connect with like-minded individuals at our SIG business meetings throughout the event. Check out the schedule for lively discussions:

Babies, Toddlers, and Young Children SIG	Feb 15, 12:00 - 1:00 pm	Imperial Room (Juilliard Complex, 5th Floor)
Oncology SIG	Feb 15, 1:15 - 2:10 pm	West Side Ballroom Salon 1
Brain Injury SIG	Feb 15, 1:15 - 2:10 pm	West Side Ballroom Salon 2
Dementia SIG	Feb 15, 1:15 - 2:10 pm	West Side Ballroom Salon 3
Cultural SIG	Feb 15, 1:15 - 2:10 pm	West Side Ballroom Salon 4
Sports Neuropsychology SIG	Feb 15, 6:30 - 7:20 pm	West Side Ballroom Salon 1
Worldwide Initiative for Neuropsychological Data Sharing SIG	Feb 16, 12:45 - 1:40 pm	Broadway Ballroom
TeleNeuropsychology and Digital Technologies SIG	Feb 16, 12:45 - 1:40 pm	West Side Ballroom Salon 1
Neuropsychological Intervention SIG	Feb 16, 12:45 - 1:40 pm	West Side Ballroom Salon 2
Social, Cognition, & Emotion SIG	Feb 16, 12:45 - 1:40 pm	West Side Ballroom Salon 3
Epilepsy SIG	Feb 16, 12:45 - 1:40 pm	West Side Ballroom Salon 4
NeuroCOVID SIG	Feb 16, 1:45 - 2:45 pm	Booth (Lyceum Complex, 5th Floor)

## EXTENDED DATES:

FEBRUARY 25<sup>TH</sup>

ABSTRACTS SUBMISSION DEADLINE

MARCH 25<sup>TH</sup>

ABSTRACTS NOTIFICATION OF ACCEPTANCE

SAVE  
THE  
DATE

GLOBAL  
NEUROPSYCHOLOGY  
CONGRESS  
PORTO, PORTUGAL  
3-5 JUL 2024

Breaking Down Barriers

[WWW.GLOBALNEUROPSYCHOLOGY.ORG](http://WWW.GLOBALNEUROPSYCHOLOGY.ORG)

Co-Organized:



Affiliated Societies:



On behalf of the **Australasian Society for the Study of Brain Impairment (ASSBI)**, the **Federation of European Societies of Neuropsychology (FESN)**, the **International Neuropsychological Society (INS)**, and the **Sociedad Latinoamericana de Neuropsicología**, we are delighted to invite you to join us in the beautiful city of Porto for the Global Neuropsychology Congress in July 2024.

# INS 2024 Annual Meeting SLC Trainee Events

STUDENT LIAISON COMMITTEE

**14**  
Feb

**5:30 PM**

**INS AWARDS CEREMONY**

Broadway Ballroom

**15**  
Feb

**7:00 AM**

**Vinyasa Yoga Class**

INS Ancillary Meeting Space

Registration Link: <https://t.co/Sm2eQk1ZpF>

**2:15 PM**

**Personal Branding for the  
Neuropsychology Trainee**

West Side Ballroom - Salon 4

**7:00 PM**

**Trainee Social** Co-Hosted by INS SLC,  
ANST, QNS, ANA, SBN, HNS

2nd Floor Bar at Connolly's Time  
Square

**16**  
Feb

**7:00 AM**

**Vinyasa Yoga Class**

INS Ancillary Meeting Space

Registration Link: <https://t.co/Sm2eQk1ZpF>

**7:30 AM**

**Trainee Mentorship Event**

Hosted by the INS Mentoring Committee

Edison, Alwyn, and Carnegie Rooms

**10:15 AM**

**Self-Care Panel**

West Side Ballroom - Salon 4





# Who is INS?

The International Neuropsychological Society (INS) was founded in 1967 as a scientific and educational organization dedicated to enhancing communication among the scientific disciplines which contribute to the understanding of brain-behavior relationships. The Society has more than 3000 members throughout the world and from various areas of practice.

The mission of the International Neuropsychological Society is to promote the international and interdisciplinary study of brain-behavioral relationships throughout

the lifespan. The Society's emphasis is on science, education, and the applications of scientific knowledge.

Membership in the Society includes an online subscription to the *Journal of the International Neuropsychological Society: JINS*, which is currently published ten times per year (with two additional, online-only supplements). The Society holds two meetings each year, including its Annual Meeting every February in North America, and its Mid-Year Meeting every July in a different location worldwide.

## INS: WHERE THE WORLD MEETS

*Promoting the international and interdisciplinary study of brain-behavioral relationships throughout the lifespan. Emphasizing science, education, and the applications of scientific knowledge.*

# BECOME A MEMBER

### Who is INS?

- Clinical Neuropsychologists
- Cognitive Neuroscientists
- Neurologists
- Psychiatrists
- Rehab Specialists
- Social Workers
- Speech-Language Pathologists / Audiologists

### BENEFITS OF MEMBERSHIP:

- Discounts on meeting registration & on-demand CE
- JINS access
- Exclusive INSnews content
- Free quarterly webinars and on-demand SIG content
- Online INS Member Directory

### THREE LEVELS OF MEMBERSHIP:

- Professional Member
- In-Training Member
- Emeritus Membership

INS offers a tiered dues system based on the World Bank

## THE-INS.ORG/JOIN-INS/ BENEFITS-OF-MEMBERSHIP/





# INS Officers



## President

**Jon Evans**

Term: Feb 2021 - 2025  
Professor of Applied  
Neuropsychology  
Honorary Consultant  
Clinical Neuropsychologist  
University of Glasgow



## President Elect

**David Loring**

Term: Feb 2022 - 2026  
Professor, Department  
of Neurology  
Emory University  
School of Medicine



## Past President

**Ida Sue Baron**

Term: Feb 2020 - 2024  
Private Practice  
The George Washington  
University School of Medicine  
and Health Sciences  
University of Virginia  
School of Medicine



## Secretary

**Alberto Fernandez**

Term: Feb 2021 - 2024  
Universidad Católica de  
Córdoba, Departamento  
de Neuropsicología



## Treasurer

**Ozioma Okonkwo**

Term: Feb 2020 - 2025  
University of Wisconsin-  
Madison, Department  
of Medicine

# Members-at-Large



## Sallie Baxendale

February 2021 - 2024  
Department of Clinical &  
Experimental Epilepsy  
University College  
London, Queen Square,  
Institute of Neurology



## Fiona Kumfor

February 2021 - 2024  
Associate Professor,  
National Health and Medical  
Research Council Career  
Development Fellow, Clinical  
Neuropsychologist  
School of Psychology  
and Brain & Mind Centre,  
University of Sydney



## Shawn McClintock

February 2021 - 2024  
Division of Psychology,  
Department of Psychiatry  
UT Southwestern  
Medical Center



## Nara Andrade

February 2022 - 2025  
Associate Professor and  
Chair for Developmental  
Neuropsychology  
Catholic University  
of Salvador  
Bahiana School of Medicine  
and Public Health



## Karen Blackmon

February 2022 - 2025  
Clinical Neuropsychologist  
Department of Psychiatry  
and Psychology  
Mayo Clinic Florida



## Tatia Lee

February 2022 - 2025  
Professor in Neuropsychology  
Chair Professor of  
Psychological Science  
and Clinical Psychology  
The University of Hong Kong



## Cady Block

February 2023 - 2026  
Adult Neuropsychologist  
Department of Neurology  
Emory University



## Rochele Paz Fonseca

February 2023 - 2026  
Psychologist and  
Speech Therapist  
Pontifical Catholic University  
of Rio Grande do Sul  
Porto Alegre, Brazil



## Melissa Lamar

February 2023 - 2026  
Neuropsychologist, Rush  
Alzheimer's Disease Center  
Department of Psychiatry and  
Behavioral Sciences, Division  
of Behavioral Sciences,  
RUSH Medical College



# MEET THE MEMBERS AT LARGE IN NEW YORK!

Members at Large will be available for one-on-one conversations during the 2024 INS New York Meeting. Join us for an exciting "round-table" series where members can come talk openly about their concerns, recommendations, and suggestions for INS. We value your viewpoints and are dedicated to fostering a close working relationship with you as we collaborate to further INS's goals.

With Kendra Anderson, Karen Blackmon, Cady Block, Melissa Lamar, Shawn McClintock, Maiko Sakamoto, and Sanne Franzen



Near the INS  
Registration Desk  
Thursday February 15,  
8:00-10:00 AM



# INS Committees



## Awards

**Chair: Christian Salas**

Committee Members: Robin Morris, Preeti Sunderaraman, Ann Watts, Laura Zahodne



## Publications

**Chair: Sallie Baxendale**



## Conflict of Interest

**Chair: Cynthia Honan**



## Science

**Chair: Lena Dobson**

Committee Members: Lisanne Jenkins, Marianna Kapsetaki, Lenka Kramska, Mohammed Mudarris, Rochele Paz Fonseca, Leigh Schrieff, Leah Whitlow, Dahyun Yi



## Continuing Education

**Chair: Benjamin Hampstead**

Committee Members: Kendra Anderson, Gregory Brown, Rebecca Charlton, Stephen Correia, Duke Han, Kevin Manning, Luis Medina, Suzanne Penna, Reem Tarazi, Ericka Wodka



## Special Interest Groups

**Chair: Ruchika Prakash**

Committee Members: William Barr, Sallie Baxendale, Cady Block, Adam Brickman, Donna Broshek, Lucia Crivelli, Lucette Cysique, Unai Diaz-Orueta, Lena Dobson, Lisa Jacobson, Christine Koterba, Yen Ying Lim, Emilia Lojek, Bernice Marcopulos, Skye McDonald, Luis Medina, Gerhard Müller, Michael W. Parsons, Yakeel Quiroz, Nicholas Ryan, Michele Sadeh, Matthew Staios, Lyn Turkstra



## Education

**Chair: Sarah MacPherson**

Committee Members: Pamela Dean, Aparna Dutt, Natalie Grima, Ashok Jansari, Eliane Correa Miotto, Holly Miskey, Travis Wearne  
Trainee Committee Member: Erica Howard, Leslie Castellano Quiñones



## Social Media

**Co-Chairs: Anna Egbert, Emma Rhodes**

Committee Members: Natalia Gawron, Ewa Malinowska



## Finance

**Chair: Ozioma Okonkwo**

Committee Members: Bruce Hermann, Marc Norman (Ex Officio) Olivier Piguet, Debora Scheffel



## Global Engagement

**Co-Chairs: Natalia Ojeda del Pozo, Melissa Lamar**

Subcommittee Members: Omar Alhassoon, Skye McDonald, William Seidel, Mary Beth Spitznagel, Anthony Stringer

Regional Representatives: Omar Alhassoon, Alia Ammar, Lucia Braga, Raymond Chan, Ramiro Coello Cortés, Aparna Dutt, Jon Evans, Alberto Fernández, Rhalf Jayson F Guanco, Jean Ikanga, Seta Kazandjian, Elizabeth Kera, Miriam Levav, Emilia Lojek, Alexandre Machado, Leandro Malloy-Diniz, Lingani Mbakile-Mahlanza, Skye McDonald, Taina Nybo, Natalia Ojeda del Pozo, Leigh Schrieff, Hooi See Gan, Mary Beth Spitznagel, Parisuth Sumransub, Nai Wen Guo



## Student Liaison

**Co-Chairs: Aishani Desai, Josh Fuller-Fox**

Committee Members: Taylor Jenkin, Tahlia Bragg, María José Bracho, Amber Ayton, Kendra Pizzonia



## Membership Engagement

**Chair: Christine Mullen**

Committee Members: Anastacia Nichols, Brittney Randolph, Julie Bobholz, Leigh Schrieff, and Natalie Kurniadi





# INS Office



**Marc A. Norman**  
Executive Director



**Chantal Marcks**  
Director of Office Operations



**Jamie Wilson**  
Administrative Program  
Coordinator / Bookkeeper



**Katie Coffman**  
Administrative Coordinator



**Tandy Pietro**  
CE & Scientific Program Manager

INS STAFF

THE INTERNATIONAL NEUROPSYCHOLOGICAL SOCIETY PRESENTS

# THE 53RD ANNUAL MEETING: INS NEW ORLEANS 2025

Join us for an unforgettable meeting in the Big Easy!

February 12-15, 2025  
New Orleans Marriott  
555 Canal Street  
New Orleans, Louisiana



INS

INS 2024  
New York

*The International Neuropsychological Society's Awards Program is intended to recognize the many achievements of accomplished INS members.*



## Awards Ceremony

Please join us in support of your deserving colleagues at the INS Awards Ceremony on **Wednesday, February 14 at 5:30 PM in the Broadway Ballroom**, where we will honor the recipients of this year's awards.

We wish to thank Christian Salas and the Awards Committee, as well as Josh Fox-Fuller and the Student Liaison Committee, for their invaluable contributions to this meeting.

## About the INS Awards Program

### Major INS Awards

Major INS Awards are given in recognition of scientific achievement in **Early Career**, **Mid-Career**, or for a **Lifetime of Achievement** in research, education or service in the field of neuropsychology.

The **INS Distinguished Career Award** may be given to recognize those individuals who have enjoyed extended careers and who have made major, sustained contributions to the field of neuropsychology and the Society.

The **Career Mentoring Award** is given to recognize mentoring and teaching activities that have profoundly impacted the careers of students in the field of neuropsychology.

### INS Program Awards

INS Program Awards are selected by the Program Committee to recognize the most outstanding scientific contributions.

Annual Meeting program awards include the **Post-Doc Fellow Research Award**, the **Graduate Student Research Award**, and the **Memory Disorders Research Award**.

In conjunction with the Program and Awards Committees, the INS Student Liaison Committee recognizes an additional five students for their meritorious abstract submissions through the selection of the **SLC Student Research Awards**.

### INS Conference Travel Awards

The **INS Conference Travel Grant Awards** aim to support attendance at the Annual Meeting by INS members from low and middle income countries who are conducting excellent research.

## Nominations & Eligibility for the INS Awards Program

To inquire about award nominations, please visit [the-ins.org/ins-awards](http://the-ins.org/ins-awards), or email [ins@the-ins.org](mailto:ins@the-ins.org).

### Nominations for Major INS Awards

The INS Awards Committee accepts nominations annually from INS members for major INS Awards, including Career or Lifetime Awards, and the Career Mentoring Award. Nominations are welcome at any time, but must be submitted by certain dates in order to be considered for an award at specific upcoming meetings.

Winners are selected by the Awards Committee, according to posted criteria, with approval from the INS Governing Board.

### Eligibility for INS Program Awards

All abstracts that are submitted to INS Meetings are screened and considered for eligible Program Awards.

### Eligibility for INS Travel Grant Awards

INS Conference Travel Grants are awarded to students/trainees and early career INS Members from low or middle income countries as defined by the World Bank who are presenting at INS. Award winners are chosen based on application submission and the quality of their submitted abstract(s).

Applications are typically due in October, prior to the Annual Meeting.

## INS Awards Committee

The INS Awards Committee was created to recommend current and past members to the Board of Governors for the purpose of recognition of outstanding achievement in areas related to Neuropsychology.

Christian Salas has served as Chair of the INS Awards Committee since 2021.

## Previous INS Award Winners

Please visit the INS website for complete descriptions of each INS award and to view previous award winners:

[www.the-ins.org/ins-awards](http://www.the-ins.org/ins-awards)





## INS Lifetime Achievement Award in Research

### Robert M. Bilder, PhD, ABPP-CN

Michael E. Tennenbaum Distinguished Professor of Psychiatry & Biobehavioral Sciences and Psychology, UCLA Semel Institute, Los Angeles, CA, USA

#### Awards Presentation:

#### **This Dogma Won't Hunt! A Zetetic Perspective on Neuropsychology Research**

Thursday 2/15, 8:00–8:55 AM  
Broadway Ballroom, 6th Floor

Robert Bilder is the Tennenbaum Family Distinguished Professor of Psychiatry and Psychology, Chief of Psychology at UCLA Health, and Director of the Center for the Biology of Creativity at UCLA's Semel Institute for Neuroscience and Human Behavior. He is a board-certified clinical neuropsychologist and directs training programs in Clinical Neuropsychology at UCLA. His research focuses on brain and behavior, with aims to eliminate artificial boundaries between mental health and illness, and between every day and exceptional creativity. His current NIH grants examine reward mechanisms and have established a National Neuropsychology Network to aggregate data on a large scale to help develop the next generation of neuropsychological assessment methods. He helps lead the INS Worldwide Initiative for Neuropsychological Data Sharing (WINDS) special interest group, which aims to promote international data sharing and data

harmonization. He has a long-standing interest in promoting innovation and technology, served as a member of the expert panel at the Minnesota Update Conference for neuropsychology and heads the Disruptive Technology Initiative for the American Academy of Clinical Neuropsychology. He also recently completed the "Big C" project to examine brain function in exceptional creativity and now directs a National Endowment for the Arts Research Lab to measure impact of the arts on well-being. He lived and worked for 28 years in New York and is delighted to be returning for INS 2024 in the Big Apple!

#### Summary Abstract:

Neuropsychology as a discipline challenges distinctions between mind and brain, departing from historical dogma about mind-brain dualism. This presentation highlights contrarian conclusions from projects in which I was lucky to participate, and how these may have broadened understanding of brain behavior relations. Can we repeal the neuropsychological (NP) "law" that there is no retrograde amnesia without anterograde amnesia? Can ventricular and sulcal enlargement

be associated with better rather than worse NP function? Can hippocampal structure be more closely linked to executive and motor functions than to learning and memory? The surprising answers to these questions challenged existing theories and led to new and usually more nuanced hypotheses. Opportunities to pursue larger projects relating phenotypes to genotypes ("phenomics") revealed larger problems. Specifically, the weakness of associations across levels of analysis from the genomic to the syndromic indicated that many popular hypotheses about biological mechanisms underlying behavior are probably wrong. To obtain robust evidence about the brain bases of behavior will likely demand large scale studies that span diagnostic boundaries, use multiple investigative strategies to interrogate both brain and behavior, and cross diverse cultural contexts. These revelations motivated more recent efforts to aggregate data for open, shared analysis, as manifest in the National Neuropsychology Network (NNN) and the INS Worldwide Initiative for Neuropsychological Data Sharing (WINDS). We further anticipate that initiatives focused on disruptive technologies and innovation may help make the contrarian approach mainstream as a functional competency for neuropsychology. We hope by focusing on how to harmonize data on a global scale, challenge conventional wisdom and retain openness to new conceptual frameworks, that we can further bridge gaps in knowledge and promote integrated understanding of brain and behavior.





## INS Career Mentoring Award

**Yana Suchy**

University of Utah

Yana Suchy, PhD, ABPP-CN, is Professor of Psychology at the University of Utah, where she has been extensively involved in training graduate students in the art of clinical interviewing, as well as in training and supervision of neuropsychological assessment.

A board-certified clinical neuropsychologist, she has clinical and research interests in cognitive aging, maintenance of functional independence,

and the role of executive functions in activities of daily living. Dr. Suchy is a Fellow of the American Academy of Neuropsychology and the Society for Clinical Neuropsychology (Division 40 of the American Psychological Association), and is Editor-in-Chief of *The Clinical Neuropsychologist*.

She has over 100 publications in peer-reviewed journals and professional texts, and has authored several books.



## INS Distinguished Career Award

**George Prigatano**

Barrow Neurological Institute

George Prigatano, PhD, is emeritus chairman of the Department of Neuropsychology at Barrow Neurological Institute at Dignity Health St. Joseph's Hospital and Medical Center in Phoenix. Dr. Prigatano is board certified in clinical neuropsychology by the American Board of Professional Psychology.

Dr. Prigatano's expertise includes the neuropsychological assessment and rehabilitation of adults and children. He is a fellow of the American Psychological Association as well as a fellow and past president of the National Academy of Neuropsychology.

Dr. Prigatano received his doctorate from Bowling Green State University, Bowling Green, Ohio, in clinical psychology and completed his internship at University

of Oklahoma Health Sciences Center in Oklahoma City. He also studied neuropsychology as a visiting scholar at Stanford University in Palo Alto, California.

Dr. Prigatano's research studies include the process and outcome of neuropsychological rehabilitation, the role of cognitive and emotional changes in arriving at a neuropsychological diagnosis, and the study of impaired awareness, both as reflected in the phenomenon of anosognosia as well as denial of illness. He has spent additional time developing the BNI Screen for Higher Cerebral Functioning, which is a screening test developed at Barrow Neurological Institute, now translated into eight languages and used internationally.



## INS Award for Mid-Career Research



### Robyn Busch

Head, Section of Neuropsychology,  
Department of Neurology &  
Epilepsy Center, Cleveland Clinic

Associate Professor of  
Neurology, Cleveland Clinic  
Lerner College of Medicine

### INS Mid-Career Award Presentation: Temporal Lobe Epilepsy: The Quest to Understand Heterogeneity in Cognitive Outcomes

Friday 2/16, 8:30–8:55 AM  
Broadway Ballroom, 6th Floor

### Abstract

Cognitive impairment is a major comorbidity of the epilepsies that often negatively impacts patient functioning and quality of life. Historically, epilepsy neuropsychological research has followed the classic paradigm, examining cognitive impairments in relation to core characteristics of the disorder (e.g., syndrome, etiology, seizure frequency/severity). However, substantial challenges to this paradigm have accumulated over the years, highlighting considerable patient heterogeneity in cognitive outcomes, even in seemingly homogenous epilepsy syndromes like mesial temporal lobe epilepsy (TLE). This talk will 1) highlight newly identified genetic and environmental contributors to cognitive dysfunction in TLE that account for some of the 'missing variance' in cognitive outcomes, 2) discuss methods for consolidating known cognitive risk factors to aid neuropsychologists in predicting cognitive outcomes following surgical intervention for the treatment of TLE, and 3) review current efforts to promote neuropsychological research in epilepsy at a global level to accelerate discovery and progress in this field.

## INS Award for Early Career Research

### Caitlyn Casaletto

Associate Professor, University  
of California, San Francisco

### INS Early Career Award Presentation

Friday 2/16, 8:00–8:25 AM  
Broadway Ballroom, 6th Floor



### Brief Bio

Dr. Kaitlin Casaletto is a scientist-practitioner, board-certified neuropsychologist, and Associate Professor at the UC San Francisco Memory and Aging Center (MAC). She leads a research program identifying novel biobehavioral targets of dementia prevention. Her work has a particular lens towards sex differences and translational study designs that leverage proteomic and digital health approaches to identify targets of cognitive resilience to aging. Dr. Casaletto obtained her Ph.D. in Clinical Psychology from the UCSD/SDSU Joint Doctoral Program and completed her fellowship in Neuropsychology at the UCSF Memory and Aging Center in the Department of Neurology.







## Blake Gimbel

University of Minnesota

**Objective:** Neurodevelopmental conditions are characterized by phenotypic heterogeneity but share overlapping etiological mechanisms and common neurobehavioral endpoints (e.g., impairment in IQ, adaptive skills, executive function). Novel psychometric methods for examining structural brain anomalies may provide new insights into both shared and distinct aspects of atypical brain development across neurodevelopmental conditions. Here, we present an overview of a novel method for quantifying brain volume anomalies using recently published brain "growth charts." We illustrate the potential value of this approach using data from a sample of youth with fetal alcohol spectrum disorder (FASD), a common neurodevelopmental condition characterized by structural brain anomalies and neurobehavioral impairment.

**Participants and Methods:** Included: 47 children with FASD and 42 controls, ages 8-17 years, from the University of Minnesota FASD Program. Participants completed evaluation of physical anomalies and dysmorphology, cognitive testing (WISC-V/WAIS-IV, DKEFS), caregiver ratings of adaptive (Vineland-III) and emotional/behavioral functioning (CBCL), and an MRI scan (Siemens Prisma 3T). Using recently published lifespan brain charts based on more than 101,000

### 40. Normative Brain Growth Charts as a Tool for Characterizing Brain Atypicality in Neurodevelopmental Disorders: Methodological Approach and an Example from Fetal Alcohol Spectrum Disorder (FASD)

Thursday, 12:00-1:15pm, Shubert Complex (6th Floor)

Poster 4: Neuroimaging | Neurostimulation/Neuromodulation | TeleNP/Technology

individuals (Bethlehem et al., 2022; <https://brainchart.shinyapps.io/brainchart/#>) we calculated individual (per)centile scores for volumes of cortical gray matter (GMV), subcortical gray matter (sGMV), and cortical white matter (WMV). Age- and sex-adjusted normative centile scores were derived for each participant's brain volumes.

**Results:** Participants with FASD demonstrated significantly lower mean centile scores compared to controls across GMV (Cohen's  $d = -0.81$ ), sGMV ( $d = -0.71$ ), and WMV ( $d = -1.11$ ). Across all participants, those with brain volumes  $\leq 10$ th centile (any tissue type) demonstrated lower performance on measures of intellectual functioning, adaptive skills, and working memory, and greater caregiver-rated attention problems and total emotional/behavioral problems (effect sizes ranged from 0.32 to 1.31) compared to participants with average volumes (i.e.,  $>10$ th centile). Sensitivity and specificity analyses revealed that atypical brain volumes (i.e.,  $\leq 10$ th centile) had moderate sensitivity (35%) and high specificity (95%) in differentiating FASD from controls. In contrast, impairment (i.e.,  $\leq 1.5$  SD below mean) in IQ and working memory performance had low sensitivity (19% and 21%, respectively) but high specificity

(100% and 98%, respectively) while impairment in adaptive function had high sensitivity (71%) and high specificity (100%). A combination of atypical brain volume in any tissue type and low adaptive function had improved sensitivity (83%) and comparable specificity (95%). Lastly, brain centiles had improved sensitivity and similar specificity compared to measurements of head circumference (sensitivity: 11%, specificity: 100%), commonly used to estimate atypical brain volume in FASD diagnosis.

**Conclusions:** We demonstrate the potential value of leveraging a large normative neuroimaging dataset to characterize whole-brain structural anomalies associated with neurobehavioral functioning in youth with neurodevelopmental disorders (here, illustrated with FASD). Participants with and without FASD who demonstrated atypical brain volumes demonstrated greater impairment across neurobehavioral domains, suggesting these metrics may be useful predictors of important clinical outcomes. In addition, brain centile scores may be more sensitive than some commonly-used assessments in differentiating youth with neurodevelopmental conditions like FASD from controls. Implications for research and clinical practice are discussed.



## Abbey Hamlin

University of Texas at Austin

**Objective:** Neurodevelopmental conditions are characterized by phenotypic heterogeneity but share overlapping etiological mechanisms and common neurobehavioral endpoints (e.g., impairment in IQ, adaptive skills, executive function). Novel psychometric methods for examining structural brain anomalies may provide new insights into both shared and distinct aspects of atypical brain development across neurodevelopmental conditions. Here, we present an overview of a novel method for quantifying brain volume anomalies using recently published brain "growth charts." We illustrate the potential value of this approach using data from a sample of youth with fetal alcohol spectrum disorder (FASD), a common neurodevelopmental condition characterized by structural brain anomalies and neurobehavioral impairment.

**Participants and Methods:** Included: 47 children with FASD and 42 controls, ages 8-17 years, from the University of Minnesota FASD Program. Participants completed evaluation of physical anomalies and dysmorphology, cognitive testing (WISC-V/WAIS-IV, DKEFS), caregiver ratings of adaptive (Vineland-III) and emotional/behavioral functioning (CBCL), and an MRI scan (Siemens Prisma 3T). Using recently published lifespan brain

### 4. The Effects of Economic Stability and Health Care Access on 10-year Change in Memory Outcomes of Black/African American and White Older Adults from the ACTIVE Study

Thursday 11:45am-1:10pm, West Side Ballroom Salon 3 (5th Floor)

Paper Session 4: Cognitive Aging and Related Topics 1

charts based on more than 101,000 individuals (Bethlehem et al., 2022; <https://brainchart.shinyapps.io/brainchart/#>) we calculated individual (per)centile scores for volumes of cortical gray matter (GMV), subcortical gray matter (sGMV), and cortical white matter (WMV). Age- and sex-adjusted normative centile scores were derived for each participant's brain volumes.

**Results:** Participants with FASD demonstrated significantly lower mean centile scores compared to controls across GMV (Cohen's  $d = -0.81$ ), sGMV ( $d = -0.71$ ), and WMV ( $d = -1.11$ ). Across all participants, those with brain volumes  $\leq 10$ th centile (any tissue type) demonstrated lower performance on measures of intellectual functioning, adaptive skills, and working memory, and greater caregiver-rated attention problems and total emotional/behavioral problems (effect sizes ranged from 0.32 to 1.31) compared to participants with average volumes (i.e.,  $>10$ th centile). Sensitivity and specificity analyses revealed that atypical brain volumes (i.e.,  $\leq 10$ th centile) had moderate sensitivity (35%) and high specificity (95%) in differentiating FASD from controls. In contrast, impairment (i.e.,  $\leq 1.5$  SD below mean) in IQ and working memory performance had low sensitivity (19% and 21%, respectively) but

high specificity (100% and 98%, respectively) while impairment in adaptive function had high sensitivity (71%) and high specificity (100%). A combination of atypical brain volume in any tissue type and low adaptive function had improved sensitivity (83%) and comparable specificity (95%). Lastly, brain centiles had improved sensitivity and similar specificity compared to measurements of head circumference (sensitivity: 11%, specificity: 100%), commonly used to estimate atypical brain volume in FASD diagnosis.

**Conclusions:** We demonstrate the potential value of leveraging a large normative neuroimaging dataset to characterize whole-brain structural anomalies associated with neurobehavioral functioning in youth with neurodevelopmental disorders (here, illustrated with FASD). Participants with and without FASD who demonstrated atypical brain volumes demonstrated greater impairment across neurobehavioral domains, suggesting these metrics may be useful predictors of important clinical outcomes. In addition, brain centile scores may be more sensitive than some commonly-used assessments in differentiating youth with neurodevelopmental conditions like FASD from controls. Implications for research and clinical practice are discussed.

## INS Graduate Student Research Award



## Mark Sanderson-Cimino

University of California, San Francisco

**Objective:** The Uniform Data Set (UDS) neuropsychological battery of the Alzheimer's Disease Centers (ADC) program from the National Institute on Aging (NIA) includes several measures of episodic memory but lacks a list-learning task. As a result, research centers that utilize the UDS also administer different list-learning tasks depending on preference and extant protocols. A harmonized memory score that incorporates UDS memory tests while allowing centers to contribute differing list-learning tasks would be a useful tool for multicenter and cross-consortia research. We applied an item-banking confirmatory factor analysis (CFA) approach to develop a composite memory score using data from 18 academic centers and conducted validation analyses.

**Participants and Methods:** The sample included 5,487 participants (mean age 67.14 years; SD 12.17) recruited through 18 ADCs, including participants from the ARTFL-LEFFTDS Longitudinal Frontotemporal Lobar Degeneration (ALLFTD) and Longitudinal

### 93. Development and validation of a harmonized memory score for multicenter Alzheimer's disease and related dementia research

Thursday 4:00-5:15pm, Majestic Complex (6th Floor)

Poster Session 06: Aging | MCI | Neurodegenerative Disease - PART 2

Early-Onset Alzheimer's Disease Study (LEADS ) consortia. Participants completed UDS memory tasks (MoCA registration, recall, and recognition items; Craft Story immediate recall and delayed recall; Benson Figure recall and recognition) and a list-learning task (CVLT-II Short Form, CVLT-II Standard Form, HVLT-R, RAVLT, or CERAD). Leveraging an item-banking approach, we created a harmonized memory factor score using UDS measures as "anchor items" and chaining consecutive CFA models, one for each list-learning task. Model fit was assessed using global fit statistics and factor loadings. We also tested for differences in factor scores across samples with different list-learning tasks after adjusting for demographics and disease severity. We examined associations between the memory score and: 1) demographics and 2) an independent task of memory (TabCAT Favorites). In a subsample with available neuroimaging (n=811), we investigated the relationship between the memory score and MRI hippocampal volume. We also compared performances across diagnostic groups: cognitively unimpaired (n=279; Clinical Dementia Rating Scale of 0), AD-biomarker positive MCI (n=26), and biomarker-positive AD dementia (n=98).

**Results:** Model fit indices were excellent (average CFI: .998; average TLI: .996; average RMSEA: .082) and factor loadings were strong (.43-.93). As expected, higher scores were correlated with younger age ( $r = -.18$ ; CI:  $-.21$ ,  $-.15$ ), lower Clinical Dementia Rating Scale-Sum of Boxes Scores ( $r = -.63$ ; CI:  $-.64$ ,  $-.57$ ), female gender ( $r = .12$ ; CI:  $.10$ ,  $.15$ ), higher education ( $r = .19$ ; CI:  $.17$ ,  $.22$ ), and larger hippocampal volume ( $r = .42$ ; CI:  $.36$ ,  $.47$ ). The score was strongly associated with the independent TabCAT memory task ( $r = .71$ , CI:  $.67$ ,  $.74$ ;  $p < .001$ ). We observed stepwise decline in means with increasing disease severity (cognitively unimpaired  $>$  MCI  $>$  AD dementia,  $p < .001$ ). Differences in factor score between contributing list learning task were negligible (average Cohen's  $d = 0.11$ ).

**Conclusions:** The criterion and content validity of this harmonized memory score is supported by associations in the expected direction with demographics, disease severity and diagnosis, hippocampal volume, and an independent memory task. Our newly developed factor score will allow for harmonized examination of memory performances across ADC studies, accelerating large-data, collaborative ADRO research.



PROGRAM AWARDS



INS 2024 New York

The INS Student Liaison Committee (SLC), in conjunction with the INS New York Program Committee, recognizes the following five students and trainees as well-deserving recipients of the **SLC Student Research Award**.



### Namitasai Ande

Graduate Student  
The George Washington University

#### 8. The Moderating Effects of Trauma on the Relationship Between Neighborhood Deprivation and Cognitive Functioning

*AUTHORS: Antonio Puente, Blakely Murphy, Arjun Ray, Namitasai Ande*

**Poster Session 08: Cognition | Cognitive Reserve Variables**  
Friday, 1:45-3:00pm, Shubert Complex, 6th Floor



### Jonastasya Griffith

Graduate Student  
Palo Alto University

#### 40. Cultural Identity and Discrimination Effects on Emotional Regulation Strategies in Adolescents

*AUTHORS: Eva Müller-Oehring, Tilman Schulte, Andres Hernandez, Robert Hickson, Jonastasya Griffith*

**Poster Session 05: Neuropsychiatry | Addiction/Dependence | Stress/Coping | Emotional/Social Processes**  
Thursday, 2:30-3:45pm, Shubert Complex, 6th Floor



### Caitlin O'Riordan

Postdoctoral Fellow  
York University

#### 72. The Influence of Culture on Memory in Mandarin-English Bicultural Bilinguals

*AUTHORS: Ellen Bialystok, Thanujeni Pathman, Sarah Wang, Danika Wagner, Rupkatha Basu, Caitlin O'Riordan*

**Poster Session 11: Cultural Neuropsychology | Education/Training | Professional Practice Issues**  
Saturday, 10:45am-12pm, Majestic Complex, 6th Floor



### Kieran Paddock

Graduate Student  
Texas A&M University School of Medicine

#### 20. Cognitive Reserve Protects Executive Abilities After CVA to Feedforward and Feedback Loops of the Executive Function Network

*AUTHORS: Kieran D Paddock, Riya Sreenivasan, Alyssa Day-Gorman, Caitlin B Dulay, Jonathan Wiese, Amber Criswell, Timea Hodics, John Volpi, David Chiu, Rajan R Gadhia, Tanu Garg, Vivek Misra, Gavin Britz, Mario F Dulay*

**Poster Session 08: Cognition | Cognitive Reserve Variables**  
Friday, 1:45-3:00pm, Shubert Complex, 6th Floor



### Sydney Park

Postdoctoral Fellow  
Medical College of Wisconsin

#### 90. Examination of Demographic and Clinical Variables Associated with Lateralization of Cognitive Dysfunction with the Cognitive Lateralization Rating Index (CLRI) in Pediatric Epilepsy

*AUTHORS: Jennifer Koop, Hope Reecher, Sydney Park*

**Poster Session 09: Epilepsy | Oncology | MS | Infectious Disease**  
Friday, 3:30-4:45pm, Majestic Complex, 6th Floor



SLC AWARDS



INS 2024  
New York

# INS Conference Travel Awards



## Florentina Morello Garcia

Early Career  
Travel Award  
Universidad de  
Buenos Aires

11. **Dyslexia Profiles and Brain Metabolism in Spanish-Speaking Patients With Primary Progressive Aphasia**

**Poster Session 11: Cultural Neuropsychology | Education/Training | Professional Practice Issues**  
Saturday, 10:45am-12:00pm, Shubert Complex, 6th Floor



## Greta Keller

Early Career  
Travel Award  
Fieni

40. **Cultural Identity and Discrimination Effects on Emotional Regulation Strategies in Adolescents**

*AUTHORS: Eva Müller-Oehring, Tilman Schulte, Andres Hernandez, Robert Hickson, Jonastasya Griffith*

**Poster Session 05: Neuropsychiatry | Addiction/Dependence | Stress/Coping | Emotional/Social Processes**  
Thursday, 2:30-3:45pm, Shubert Complex, 6th Floor



## Kritika Nayar

Student Travel Award  
Rush University

72. **The Influence of Culture on Memory in Mandarin-English Bicultural Bilinguals**

*AUTHORS: Ellen Bialystok, Thanujeni Pathman, Sarah Wang, Danika Wagner, Rupkatha Basu, Caitlin O'Riordan*

**Poster Session 11: Cultural Neuropsychology | Education/Training | Professional Practice Issues**  
Saturday, 10:45am-12pm, Majestic Complex, 6th Floor



## Glariangeliz Tapia

Student Travel Award  
Graduate Student  
Ponce Health  
Sciences University

20. **Cognitive Reserve Protects Executive Abilities After CVA to Feedforward and Feedback Loops of the Executive Function Network**

*AUTHORS: Kieran D Paddock, Riya Sreenivasan, Alyssa Day-Gorman, Caitlin B Dulay, Jonathan Wiese, Amber Criswell, Timea Hodics, John Volpi, David Chiu, Rajan R Gadhia, Tanu Garg, Vivek Misra, Gavin Britz, Mario F Dulay*

**Poster Session 08: Cognition | Cognitive Reserve Variables**  
Friday, 1:45-3:00pm, Shubert Complex, 6th Floor





*INS continuing education sessions are designed to provide a practical review of current research as well as information on clinical and technological advances in specific areas of content relevant to neuropsychology and the cognitive neurosciences.*

## CE Course Registration

**CE options are not included in the general registration fee.** You must register and pay additional fee(s) in order to attend CE workshops, or to receive CE credit for attending plenaries or invited symposia.

## Badge & Attendance Policy

Your name badge is required for admittance to CE Workshops, and will be scanned by a volunteer proctor at the door.

Please ensure that your badge is scanned in at every plenary session or invited symposium for which you are seeking CE credit.

## CE Workshops

**You must register in advance and pay an additional fee in order to attend workshops.**

All 1.5-hour CE workshops are scheduled from 7:20-8:50 AM and include a continental breakfast that is served from 7-7:15 AM (morning sessions will begin promptly at 7:20 AM). **Breakfasts are only for registered workshop participants.**

## Optional CE Credit for Plenaries & Invited Symposia

One hour of optional CE credit is available for each plenary, and 1.5 hours are available for each invited symposium.

In order to receive credit, you must pay a separate fee and complete all CE requirements, including scanning in to the session and completing a post-activity evaluation.

You may add optional CE credits anytime after the meeting, as long as your attendance in the session is documented.

**Please Note:** To receive optional CE credit, either now or at a later time, we must have documentation of your full attendance. No partial credit will be awarded.



The International Neuropsychological Society is approved by the American Psychological Association to sponsor continuing education for psychologists. The

International Neuropsychological Society maintains responsibility for this program and its content.

The International Neuropsychological Society is recognized by the New York State Education Department's State Board for Psychology as an approved provider of continuing education for licensed psychologists (#PSY-0154).

All continuing education sessions are geared for advanced level instructional activity. Up to 25 credit hours are available for this live, in-person program.

## How to Obtain CE Credits After Registering

**In order to grant credit for any CE session, we must have your full attendance documented.**

Please ensure that you scan your badge in at every session for which you are seeking CE credit.

You must also complete an online evaluation form for each CE session, which can be found on the meeting website. **Evaluations will be available online as soon as each session has concluded.**

Once the evaluation is completed for each course, a certificate of completion may be downloaded.

## INS CE Committee

Benjamin M. Hampstead has served as Chair of the INS Continuing Education Committee since 2021.



The International Neuropsychological Society requires program planners and instructional personnel to disclose information regarding any relevant **financial** and **non-financial relationships** related to course content prior to and during course planning.

The intent of this disclosure is not to prevent a speaker with a significant financial or other relationship from making a presentation, but rather to provide listeners with information on which they can make their own judgments. It remains for the audience to determine whether speaker interests or relationships unduly influence a presentation with regard to exposition or conclusion.

Please see the following definitions:

**Relevant financial relationships** are those relationships in which the individual benefits by receiving a salary, royalty, intellectual property rights, gift, speaking fee, consulting fee, honoraria, ownership interest (e.g., stocks, stock options, or other ownership interest, excluding diversified mutual funds), or other financial benefit. Financial relationships can also include “contracted research” where the institution receives/manages the funds and the individual is the principal or named investigator on the grant.

**Relevant non-financial relationships** are those relationships that might bias an individual including any personal, professional, institutional, or other relationship. This may also include personal interest or cultural bias.

## INS Program Planners & Instructional Personnel Disclosures

Name	Activity	Relevant Financial Relationships	Relevant Non-Financial Relationships
Adam M. Brickman	Inv Symp 4	Dr. Brickman has received consulting fees for board membership and consulting activities with Cognition Therapeutics, Cognito Therapeutics, and CogState	None
Agnès Denève	Inv Symp 1	None	None
Amira Skeggs	Inv Symp 1	None	None
Annalise Rahman-Filipiak	CE 11	None	None
Armin Schnider	Plenary F	None	None
Ben Hampstead	CE Chair	None	None
Cady Block	NY Co-Chair	Dr. Block has received author royalties from APA Publishing	Dr. Block is a board member of New2Neuropsychology and Know Neuropsychology
Christina A. Palmese	CE 04	None	None
Christopher Bailey	CE 01	Dr. Bailey has an ownership interest and serves in a consulting role with Neuropsychology Associates of Cleveland, LLC	None
Dana Wong	CE 02	None	None
Daryl Fujii	Plenary C	Dr. Fujii has received author royalties from APA Books	None
David C. Van Essen	Inv Symp 2	None	None
David W. Loring	CE 10	Dr. Loring has received salary from Emory University; grant funding, honoraria, and salary from NIH for employment and advisory committee/review panel membership; author royalties from Oxford University Press; editorial stipends from Epilepsia and Neuropsychology Review as Associate Editor and Editor; and consulting fees from NeuroPace Inc.	None
Deanna Barch	Inv Symp 2	None	None
Debra Machando	Inv Symp 3	None	None
Elizabeth Twamley	CE 02	None	None
Ellen Bialystok	Plenary G	None	None
Fiona Kumfor / Olivier Piguet	Inv Symp 1	None	None
Hannah-Lise Schofield	CE 06	Dr. Schofield has received grant funding from the Emily Whitehead Foundation as a primary investigator	None
Jamie Berry	CE 02	None	None
Jason Hassenstab	Inv Symp 5	None	None
Jennifer J. Manly	Inv Symp 4	Dr. Manly has received grant funding from NIH	None



## INS Program Planners & Instructional Personnel Disclosures (Continued)

Name	Activity	Relevant Financial Relationships	Relevant Non-Financial Relationships
Jonathan Evans	Plenary A	Dr. Evans receives payment from Taylor & Francis for his role as Editor in Chief of Neuropsychological Rehabilitation	Dr. Evans is a volunteer clinical consultant for Neumind, who are mentioned in his presentation and partially fund a research fellow who works with Dr. Evans
Jorg Dietrich	CE 06	Dr. Dietrich has received consulting fees from Amgen, Novartis, Ono Therapeutics, and Janssen, and royalties from UpToDate (Wolters Kluwer)	None
Katherine Possin	Inv Symp 5	None	None
Kathryn A. Wyman-Chick	CE 04	Dr. Wyman-Chick receives author royalties from Oxford University Press, and is principal investigator on NIH grant R21-AG074368	None
Kavitha Kolappa	Plenary D	None	None
Leanne Williams	Inv Symp 2	None	None
Leonardo Cruz de Souza	Inv Symp 1	None	None
Lisa Cipolotti	CE 03	None	None
Lisa M. McTeague	CE 12	None	None
Martin L. Rohling	CE 05	None	None
Mary Kosmidis	Plenary E	None	None
Michael Hornberger	Inv Symp 5	Dr. Hornberger receives ownership-related royalties from NeurOn - Neuropsychology Online	None
Michael Parsons	CE 06	Dr. Parsons has received consulting fees from Servier Pharmaceuticals, and royalties from APA	None
Michele K. York	CE 04	Dr. York has received consulting fees and grant funding from the Michael J. Fox Foundation, and consulting fees from Blue Rock for consulting activities	None
Ozioma Okonkwo	Inv Symp 4	Dr. Okonkwo has received grant funding from NIH, and receives a stipend from INS for his role as Treasurer	None
Robert M. Bilder	CE 05	Dr. Bilder has received consulting fees from various parties in forensic neuropsychology for consulting and expert witness activities	None
Roy P.C. Kessels	CE 07	Dr. Kessels receives author royalties from Hogrefe Test Publishers and from Taylor & Francis/Psychology Press; and consulting fees from Pearson Assessment Netherlands for revising the Dutch RBMT-3	Dr. Kessels is a volunteer researcher and manual author of the Dutch WMS-IV with Pearson Assessment Netherlands
Ruben Echemendia	CE 01	Dr. Echemendia receives consulting fees from the NHL, Major League Soccer, and the U.S. Soccer Federation; and grant funding from Boston Childrens Hospital / the NFL	Dr. Echemendia is a board member and serves as President of Concussion in Sport Group, Inc.
Ruchika Prakash	CE 08	None	None
Russell M. Bauer	CE 05	None	None
Sarah MacPherson	CE 03	None	None
Sharon Truter	Inv Symp 3	Dr. Truter has received funding from INS towards her travel and registration costs for this teaching activity	None
Sid O'Bryant	CE 09	Dr. O'Bryant has received royalties and consulting fees and has an ownership interest with Cx Precision Medicine and Eisai, for ownership, consulting activities, and advisory panel or review committee membership	None
Sol Fittipaldi	Inv Symp 1	None	None
T. Rune Nielsen	NY Co-Chair, Inv Symp 3	Dr. Nielsen has received funding from INS for travel and registration for his role as New York Program Co-Chair, and for membership on an advisory committee or review panel	Dr. Nielsen is a cofounding member of the European Consortium on Cross-Cultural Neuropsychology (ECCroN)
Thomas Karikari	Inv Symp 4	None	None
Vigneswaran Veeramuthu	Inv Symp 3	None	None
Wolfgang Kringler	CE 01	None	None
Yaakov Stern	Plenary B	Dr. Stern has received consulting fees from Eisai, Lilly, and Arcadia, and intellectual property rights from Columbia for licensing of the Dependence Scale	None



# Ancillary Meetings

INS is pleased to host ancillary meetings organized by individuals and groups who are attending INS 2024.

**Please note that INS name badges must be worn when using ancillary space, and only ancillary meetings that have been pre-authorized by the INS Executive Office are permitted.**

The following schedule is provided for the convenience of our attendees and may not be complete. Additional meetings and changes will be posted on the message boards located near the INS Registration Desk.

American Board of Clinical Neuropsychology Written Exam Revision	Tuesday, February 13	8:00 AM - 5:00 PM	Ziegfeld
APPCN Board of Directors Meeting	Tuesday, February 13	4:00 PM - 6:00 PM	Odets
American Board of Clinical Neuropsychology Written Exam Revision	Wednesday, February 14	8:00 AM - 12:00 PM	Ziegfeld
AACN Board of Directors Meeting	Wednesday, February 14	9:00 AM - 2:00 PM	Juilliard
SIG Chairs Meeting	Wednesday, February 14	1:00 PM - 2:00 PM	Ziegfeld
ABCN BOD Meeting	Wednesday, February 14	2:00 PM - 5:00 PM	Imperial
Brown University Clinical Psychology Training Program Alumni Reception	Wednesday, February 14	6:30 PM - 8:00 PM	Imperial
APPCN Training Director's meeting	Thursday, February 15	8:00 AM - 9:00 AM	Carnegie & Alvin
Alzheimer's Symptom Clusters Expert Advisory Panel	Thursday, February 15	9:00 AM - 3:00 PM	Booth
AITCN Annual Membership Meeting and Board Meeting	Thursday, February 15	2:15 PM - 3:45 PM	Imperial
Promoting diversity, equity, and inclusion as early career neuropsychologists while maintaining professional resilience	Thursday, February 15	3:00 PM - 4:30 PM	Alvin & Carnegie
Annual Meeting of the GEC	Thursday, February 15	3:00 PM - 4:30 PM	Broadhurst
Annual Meeting of the Clinical Neuropsychology Specialty Council	Thursday, February 15	6:30 PM - 8:00 PM	Imperial
Asian Neuropsychological Association Business Meeting	Thursday, February 15	6:30 PM - 8:00 PM	Ziegfeld
Queens College Neuropsychology Program reception	Thursday, February 15	6:30 PM - 8:30 PM	Booth
Neuropsychology & Newborns: Navigating parenting experiences within neuropsychology training and early career	Thursday, February 15	6:30 PM - 9:30 PM	Edison, Alvin & Carnegie
Reunion for UConn Faculty and Graduate Students	Thursday, February 15	7:00 PM - 9:00 PM	Juilliard
Mayo Clinic Alumni Reception	Thursday, February 15	7:00 PM - 9:00 PM	Broadhurst
INS Mentoring	Friday, February 16	7:30 AM - 9:00 AM	Edison, Alvin & Carnegie
Global Neuropsychology Congress, Program Committee meeting	Friday, February 16	9:30 AM - 12:00 PM	Imperial
AACN SAC	Friday, February 16	1:00 PM - 2:00 PM	Imperial
INS SDSU/UC San Diego JDP Networking Social	Friday, February 16	6:00 PM - 8:00 PM	Juilliard
New2Neuropsychology Meet and Learn Event	Friday, February 16	7:00 PM - 10:00 PM	Alvin & Carnegie





# Volunteers

The International Neuropsychological Society owes a debt of gratitude to all participating student volunteers for lending their support at INS New York 2024.

Student volunteers play a critical role in the success of the INS Annual Meeting through their assistance in proctoring CE courses, monitoring poster sessions, and assisting at the Registration Desk—and in making the Annual Meeting a friendlier place for all attendees!

We sincerely thank our wonderful volunteers for their assistance and unbridled enthusiasm and commitment to INS.







9:00 AM–12:00 PM

**CE Workshop 1: Sponsored by the Sports Neuropsychology Special Interest Group**




**Sport Concussion Management Tools & Consensus Statement from the Amsterdam 2022 International Conference on Concussion in Sport: Updates, Implementation, and Opportunities**

**Room: 5th Floor, Westside Ballroom - Salon 1**

**Introduction by: Ben Hampstead**

**Presenter(s):**

 Christopher Bailey, PhD  
Case Western Reserve University  
School of Medicine and University Hospitals

 Ruben Echemendia  
University Orthopedic Center (UOC),  
University of Missouri-Kansas City

 Wolfgang Kringler  
University of Tübingen

**Learning Objectives:**

1. Identify the areas and findings of the systematic reviews leading to the Amsterdam Consensus Statement.
2. Describe changes to concussion management guidelines and tools from the Amsterdam meeting.
3. Describe how changes were received by the international community and identify opportunities for research to improve future concussion management guidelines and tools.

**Summary Abstract:**

The Concussion in Sport Group (CISG), the most widely recognized organization for development of internationally accepted clinical guidelines and tools for sport concussion evaluation and management, met for the first time since 2016 in Amsterdam in October 2022. The Consensus Statement on Concussion in Sports and tools were updated based on extensive systematic reviews that preceded the Amsterdam meeting, with documents having completed peer review through the British Journal of Sports Medicine and are anticipated to be publicly available by mid-June 2023. Neuropsychologists were broadly represented in the Amsterdam Consensus Conference process as members of the Scientific Committee, the Expert Panel, and as co-authors of the systematic reviews, tools, and consensus statement. This workshop will address: 1) the current state of knowledge in sport concussion management based on the systematic reviews completed for the Amsterdam meeting, 2) changes to previous guidelines and tools, 3) information on how recommended changes have been received and implemented internationally, and 4) opportunities for additional research and gaps in the current sports concussion literature based on the reviews and consensus statement. This workshop will be led by co-chairs of the INS Sports Neuropsychology SIG (Christopher Bailey, PhD and Wolfgang Kringler, PhD) as well as Ruben Echemendia, PhD, founding member of the CISG Executive Board, member of the Scientific Committee, and lead author for the Sport Concussion Assessment Tool - 6 (SCAT6) and Concussion Recognition Tool - 6 (CRT6). Essential to this workshop is a discussion about the applicability of the established guidelines and tools for implementation across sports, ages, cultures, countries, and languages. Of particular interest is a focus on eliminating barriers related to access and availability to resources, which may be particularly significant in cultures, countries, para athletes, and populations with limited representation in the existing concussion literature.

**CE Workshop 2: Sponsored by the Neurocognitive Intervention Special Interest Group**



**Running Effective Group-Based Cognitive Interventions**


**Room: 5th Floor, Westside Ballroom - Salon 2**

**Introduction by: Sam Crowley**

**Presenter(s):**

 Jamie Berry, PsyD  
Macquarie University / Advanced  
Neuropsychological Treatment Services

 Dana Wong, PhD  
La Trobe University

 Elizabeth Twamley, PhD  
UC San Diego and VA San Diego Healthcare  
System

**Learning Objectives:**

1. Explain the rationale and evidence for group-based interventions to improve cognitive functioning in people with conditions affecting the brain
2. Demonstrate understanding of process issues to consider when running a skills-based group with cognitively impaired participants
3. Practise skills that have been identified as important for running effective groups in rehabilitation

**Summary Abstract:**

Accumulating evidence indicates that group-based programs can be an effective and cost-efficient form of cognitive intervention, enabling participants to learn strategies that optimise their daily functioning while also connecting with and learning from peers with similar experiences. Yet running groups involves a complex set of skills that are different from those required for individual intervention delivery, and neuropsychologists are not consistently given opportunities to acquire or practise these skills in their training or clinical practice. Therefore, clinical implementation of these evidence-based interventions is lagging. In this workshop, Dana Wong, Jamie Berry and Elizabeth Twamley will describe and demonstrate key content and delivery elements for group-based cognitive intervention programs across different clinical conditions and settings. Firstly, Dana will focus on a memory skills group for people with acquired brain injury, which has been delivered successfully in both in-person and telehealth modalities. Then, Jamie will describe and demonstrate elements of a group-based cognitive remediation program targeting executive functions for people with substance use disorders. Finally, Beth will discuss compensatory cognitive training groups for individuals with neuropsychiatric disorders. The workshop will include a combination of didactic content, demonstration, participation in discussion, and opportunities for skill practice and development in the context of a practical, interactive session. Participating in this workshop is expected to improve knowledge, skills and confidence in facilitating group-based cognitive interventions in clinical practice.

9:00 AM–12:00 PM (continued)

**CE Workshop 3****The Future of Neuropsychological Assessment: Traditional Paper-And-Pencil Tests Versus Technology****Room: 5th Floor, Westside Ballroom - Salon 4****Introduction by: Suzanne Penna****Presenter(s):**Sarah MacPherson, PhD  
University of EdinburghLisa Cipolotti, PhD  
University College London**Learning Objectives:**

1. Describe the contribution of paper and pencil neuropsychological assessment to diagnosis and research;
2. Discuss some of the applications of technology in neuropsychological assessment;
3. Consider some of the advantages and disadvantages associated with these different assessment types in neuropsychological settings.

**Summary Abstract:**

In neuropsychological assessment, clinicians tend to use traditional paper-and-pencil tests to assess patients. However, more recently, in cognitive neuroscience, paradigms have been devised that are administered, scored, or interpreted by computers or other technologies. Yet, there has been some opposition in neuropsychology to adopt additional measures that incorporate technologies. In this workshop, we will discuss whether technology can contribute to diagnosis, management, and treatment, as well as research, instead of, or in addition to, paper-and-pencil tests. We will critically evaluate both approaches. We argue that while technology can add to a more comprehensive neuropsychological assessment, we should still adopt paper-and-pencil tests to inform diagnosis, management and treatment, as well as research.

12:00 PM–12:50 PM

**INS Business Meeting****Room: 5th Floor, Westside Ballroom - Salon 3**

1:00 PM–4:00 PM

**CE Workshop 4: Sponsored by the Movement Disorders Special Interest Group****Deep brain stimulation: Neuropsychological management and global perspectives****Room: 5th Floor, Westside Ballroom - Salon 1****Introduction by: Sam Crowley****Presenter(s):**Christina A Palmese, PhD  
The Icahn School of Medicine at  
Mount Sinai HospitalKathryn Wyman-Chick, PsyD  
HealthPartners/Park Nicollet Struthers  
Parkinson's CenterMichele York, PhD  
Baylor College of Medicine**Learning Objectives:**

1. Describe the neurological, neuropsychiatric, and medical indications for DBS intervention
2. Discuss standards of care, healthcare disparities, and predictors of cognitive and psychological risk in neurosurgical populations across diverse patient populations and cultures
3. Apply these standards to an interdisciplinary care team model for DBS neurosurgical planning to optimize patient prognosis

**Summary Abstract:**

Deep brain stimulation (DBS) is a critical neurosurgical intervention for disease management in more than ten million people diagnosed with Parkinson's disease worldwide. This notably does not account for the rapidly growing numbers of patients diagnosed with other movement disorders, epilepsy, Tourette's disorder, obsessive compulsive disorder, depression, and dementia, for which DBS has nascent and rapidly evolving and valuable indications. Due to the growth of clinical DBS applications along with increased life expectancy, younger ages for DBS utility, and heightened demand for minimally invasive techniques to optimize outcome across neurological, psychiatric, and medical populations, the need for greater engagement in neuropsychological management of DBS populations is growing exponentially. In fact, DBS demand is growing faster than neuropsychological training programs are growing both in numbers of trainees and in teaching about the use of neuropsychology for surgical decision-making. This means there is a great need to train neuropsychologists to meet the needs of this growing DBS population (along with new targets and a better understanding of after care etc. the need will only grow). This CE workshop will review neuromodulatory options for neurological, neuropsychiatric, and medical diseases and disorders along with the integral role of the neuropsychologist in the surgical workup, disease management, and for prognosis. We will review diseases and disorders for which neuro-modulation is indicated, as well as the critical role of the neuropsychologist among the interdisciplinary team. We will discuss the nuts and bolts of neuropsychological assessment-including standards of care and predictors of cognitive and psychological risk- in these populations. We will conclude by addressing important cross-cultural considerations when working with diverse neurosurgical populations globally.



1:00 PM–4:00 PM (continued)

## CE Workshop 5

### Performance Validity Testing in Neuropsychology: Ethical Considerations and Current State of the Art

Room: 5th Floor, Westside Ballroom - Salon 2

Introduction by: Joshua Fox-Fulleer

Presenter(s):



Robert M Bilder, PhD  
UCLA Semel Institute for Neuroscience & Human Behavior



Martin Rohling, PhD  
University of South Alabama



Russell Bauer, PhD  
University of Florida

#### Learning Objectives:

1. Participants are expected to learn how the core ethical principles of the American Psychological Association apply to the use of performance validity testing.
2. Participants are expected to learn what key aspects of experimental design and psychometric properties that are important in evaluating performance validity tests.
3. Participants are expected to feel comfortable evaluating the pros and cons of different performance validity tests with respect to the likelihood that their use will yield false positive or false negative indications of invalid performance.

#### Summary Abstract:

This workshop aims to provide participants with up-to-date information about the application of ethical principles to performance validity testing in clinical neuropsychology. The workshop will include a brief history of how performance validity tests (PVTs) were originally developed and about the evolution of their use. PVTs derive their utility from their perceived insensitivity to bona fide neurocognitive or memory impairment; however, the use of forced-choice recognition has been commonplace in memory-related cognitive neuroscience research. Cognitive processes purported to underlie forced-choice recognition will be reviewed. Current practice standards and current practices in both routine clinical and forensic settings will be discussed. The fundamental designs used to develop and validate PVTs will be reviewed with attention to: 1. Simulation designs; 2. Known groups designs based on other PVT results; 3. Known groups designs based on below chance performance; 4. Known groups designs based on other criteria for non-credible performance and symptom reporting (e.g., sub rosa or surveillance videos; contradictory statements and evidence); 5. Known groups designs based on studies of groups without known incentives or people for whom motivations for secondary gain have been resolved. The basic psychometric properties of PVTs will be considered, including the implications of examining performance and test score distributions that have severe negative skewness. We will consider the use of multiple PVTs, the principles of probability chaining, and the implications of exams with multiple correlated PVTs. We will review the base rates of non-credible performance in different assessment contexts, and the implications of these estimates for calculations of positive and negative predictive power. Recent literature will be surveyed that addresses challenges to invoking the concept of malingering based on PVT analyses. Following review of the conceptual issues, Dr. Rohling will illustrate how these principles are manifest in data obtained in real-world clinical settings. These analyses will highlight ways in which simulations may fail to reflect the complexities of data observed in the clinic, and the implications of the results for general clinical and forensic contexts. Finally, we will consider future directions and the potential applications of modern psychometric theory to PVTs, particularly the use of person-fit statistics to determine validity of



scores on any neuropsychological test. Throughout the workshop, the focus will be on the implications for practice, and the ethical considerations involved in balancing the risks and benefits for both our patients and society in light of the APA ethical principles of psychologists. Particular attention will be paid to methods that avoid potential bias or discrimination against minoritized patient groups, patients with diverse linguistic and educational backgrounds, and patients who have lower levels of cognitive ability.

## CE Workshop 6: Sponsored by INS Oncology Special Interest Group



### Chimeric Antigen Receptor T-Cell Therapy: Promise of a New Cancer Treatment and the Challenges of its Toxicities Across the Lifespan

Room: 5th Floor, Westside Ballroom - Salon 4

Introduction by: Stephanie Aghamoosa

Presenter(s):



Michael Parsons, PhD  
Massachusetts General Hospital/  
Harvard Medical School



Jorg Dietrich, MD PhD  
Massachusetts General Hospital



Hannah-Lise Schofield, PhD  
Children's Hospital of Philadelphia/  
University of Pennsylvania

#### Learning Objectives:

1. Describe the mechanisms of action and neural toxicities of CAR T therapy
2. Describe risk factors for post-CAR T neuropsychological difficulties and long term outcomes in pediatric and adult oncology patients
3. Integrate knowledge of CAR T with similar conditions that cause immune-mediated neuropsychological symptoms

#### Summary Abstract:

This 3 hour workshop will be an opportunity for neuropsychologists to learn about Chimeric Antigen Receptor T-Cell Therapy (CAR T), a novel treatment for cancer. The treatment involves engineering an individual's immune system to attack cancer cells and has shown remarkable promise in combatting malignancies. However, the therapy also induces a massive immune response in the host that can trigger a striking neurocognitive syndrome in the acute phase of treatment. Immune effector cell-associated neurotoxicity syndrome (ICANS) often include focal neuropsychological deficits such as aphasia, agraphia, and can progress to produce tremor, encephalopathy and potentially fatal brain edema. The syndrome has both acute and subacute manifestations, but improved understanding and management of these toxicities has provided many people an opportunity for long term survival, raising questions about long term risk of neuropsychological outcomes.

The speakers in this workshop include an internationally recognized neuro-oncologist who is a leader in this field. He will introduce the mechanisms of oncologic therapy and the manifestation and management of acute toxicities. A pediatric neuropsychologist will review the literature on neuropsychological syndromes and outcomes in children, and an adult neuropsychologist will review this literature in adults. Both have ongoing studies of cognitive and behavioral outcomes for patients undergoing CAR T that they will feature in their presentations. The speakers will focus on educating neuropsychologists across specialties and drawing connections with other immune-related neurocognitive conditions (e.g., immune/inflammatory mechanisms related to chemotherapy and COVID-19 related cognitive impairment) and potential applications of CAR T treatments of relevance for neuropsychologists (e.g., infectious disease, multiple sclerosis and other autoimmune conditions). Gaps in the literature, issues of diversity, equity and inclusion in CAR T research, and promise for the future will be discussed as a panel.

2:15 PM–6:15 PM

**Exhibit Hall Open****Room:** 6th Floor Foyer

2:30 PM–3:45 PM

**Poster Session 01****Cognitive, Psychotherapeutic, and Psychosocial Intervention/Rehabilitation****Room:** 6th Floor, Shubert & Majestic Complexes

4:00 PM–4:15 PM

**Program Chairs' Welcome****Room:** 6th Floor, Broadway Ballroom**Program Co-Chairs:** Cady Block, T. Rune Nielsen

4:30 PM–5:25 PM

**Plenary A: INS Presidential Address****Neuropsychological Rehabilitation: The State of our Science and Practice****Room:** 6th Floor, Broadway Ballroom**Introduction by:** David Loring**Presenter(s):****Jonathan Evans, PhD**  
University of Glasgow

Jon Evans is Professor of Clinical Neuropsychology at the University of Glasgow and honorary Consultant Clinical Psychologist with NHS Greater Glasgow and Clyde. Jon was the first Clinical Director of the Oliver Zangwill Centre for Neuropsychological Rehabilitation in Ely, Cambridgeshire. He is now Programme Director for Clinical Neuropsychology training programmes at the University of Glasgow. Jon has published more than 200 papers, books and book chapters in the field of cognitive neuropsychology, neuropsychological assessment and rehabilitation. He has received several awards from the British Psychological Society including the May Davidson Award (for clinical psychologists who have made an outstanding contribution to the development of clinical psychology within 10 years of qualification); the Barbara Wilson Lifetime Achievement Award (for outstanding contribution to clinical neuropsychology in the UK) and the M.B Shapiro award (a late career award for clinical psychologists who have achieved eminence in their field). Jon has been a member of INS for more than 20 years. In 2015 he was elected to the Board of Directors, and took on the role of Chair of the International Liaison Committee (ILC), which is now the Global Engagement Committee (GEC). Jon was responsible for re-establishing the Charles Matthews Fund Workshop Program, which has seen educational workshops run in India, Chile, Argentina, Lithuania, Thailand, Botswana, the Philippines, and Grenada in recent years. In 2020 Jon was elected to the presidency of INS, with his presidency commencing in February 2023.

**Learning Objectives:**

1. To be able to summarise the current evidence relating to interventions for cognitive impairment after brain injury
2. To be able to discuss the contribution of a range of methodologies to the evaluation of efficacy of neuropsychological interventions

3. To be able to discuss the use of neuropsychological theory in the development of interventions for cognitive impairment after brain injury

**Summary Abstract:**

The field of neuropsychological rehabilitation might be said to have come of age. Clinical guideline writers feel confident to write practice guidelines that are backed by evidence, prescribing interventions for managing impairments in a range of cognitive domains. But, in some domains, evidence for the efficacy of interventions is weak. Systematic reviewers and meta-analysts differ in their conclusions about the evidence, and vary in their willingness to make recommendations for practice. In this presentation I will discuss the current state of our evidence base and the methodologies we are using to evaluate the efficacy of our interventions. I will argue that we can make much better use of Single Case Experimental Design methodology to generate strong intervention efficacy evidence, highlighting some of key developments in this methodology in recent years. I will compare evidence for interventions that target restoration of cognitive functioning and those that use compensatory strategies to manage cognitive impairments. A major contribution that neuropsychology can make to rehabilitation science and practice is to leverage neuropsychological theory to understand impairments in cognitive functions and to drive the development, and implementation, of interventions. I will illustrate this with reference to our work on 'neuropsychological nudges' to support task management and their recent implementation in a reminding app designed to support individuals with brain injury to improve everyday functioning. A comprehensive formulation should always underpin neuropsychological rehabilitation practice and I will discuss ongoing work on an updated biopsychosocial formulation framework to guide neuropsychological assessment and rehabilitation. The value of formulation is to highlight the reciprocal relationship between cognitive, emotional, physical, social, and environmental factors and everyday functioning, and the importance of developing neuropsychologically-informed psychological therapies to address the wellbeing needs of people conditions that impact on neuropsychological function. To illustrate this, I will discuss our work on the development of a positive psychotherapy intervention for people with acquired brain injury. The science and practice of neuropsychological rehabilitation are in a good place, with sufficient evidence to justify the endeavour. But there remains a need for innovative, practical interventions that are relevant to the lives of people with neuropsychological conditions. So, there is plenty of opportunity for the next generation of clinicians and researchers!

5:30 PM–6:30 PM

**INS Awards Ceremony****Room:** 6th Floor, Broadway Ballroom**Awards Committee Chair:** Christian Salas**Session Information:**

Join us as we recognize and celebrate this year's Major Award Winners, Program Awards, and SLC Award Winners.

6:30 PM–7:30 PM

**Welcome Reception****Room:** 9th Floor Foyer & Marquis Ballroom

Thursday February 15

7:00–7:20 AM

**CE Workshop Breakfast**

For registered workshop attendees ONLY

7:20–8:50 AM

**CE Workshop 7**

**Assessment of Memory (Dys) Function: A Critical Appraisal of 'Classic' Memory Paradigms and Outcomes With an Eye to the Future**

Room: 5th Floor, Westside Ballroom - Salon 2

Introduction by: Alexandru Iordan

Presenter(s):



Roy P.C. Kessels, PhD  
Radboud University

**Learning Objectives:**

1. List the strengths and limitations of classic memory tests.
2. Critically appraise the literature on novel, potentially promising memory paradigms.
3. Take these into account when interpreting results obtained with these tests in clinical practice.

**Summary Abstract:**

Memory complaints and impairments are prominent in many patients with acquired brain injury, neurodegenerative diseases, such as Alzheimer's disease, or medical disorders. Their assessment has been a key part of neuropsychological examinations since the beginning of our discipline, across different cultures. However, many of the task and paradigms used in neuropsychological assessment for testing memory (dys)function are more than a century old (e.g., Rey's complex figure or verbal learning test) or based on paradigms or findings from the early days of experimental psychology (such as the digit span forward versus backward, the interpretation of learning curves, differences between verbal and nonverbal memory, or recall versus recognition). Results obtained from such tasks are used to support or reject hypotheses on clinical diagnoses, but thorough empirical evidence to support these clinical decisions at the level of individual patients is often lacking or outdated. Additionally, modern insights into memory function based on computerized paradigms used in cognitive neuroscience may not always find their way into clinical neuropsychological practice. Furthermore, novel assessment methods, such as ecological momentary cognitive assessment using smartphone apps may be promising for advancing the assessment of memory function in neuropsychological patients. In this CE workshop, I will critically discuss widely used paradigms for the neuropsychological assessment of working memory and episodic memory and challenge some of the 'rule of thumbs' for interpretation of their results. Moreover, I will address some aspects to consider in memory assessment from a cross-cultural perspective. Furthermore, potential pitfalls in developing novel paradigms will be considered.

**CE Workshop 8**

**fMRI-Based Markers for Neuropsychological Rehabilitation**

Room: 5th Floor, Westside Ballroom - Salon 4

Introduction by: Brett Schneider

Presenter(s):



Ruchika Prakash, PhD  
Professor of Psychology, Ohio State University

**Learning Objectives:**

1. Describe three ways functional magnetic resonance imaging (fMRI) is used in neuropsychological rehabilitation.
2. Explain the differences between brain activity and brain connectivity markers in rehabilitation studies.
3. Demonstrate an understanding of how network neuroscience is applied to mindfulness meditation research.

**Summary Abstract:**

Neuropsychological rehabilitation studies frequently utilize functional magnetic resonance imaging (fMRI) as a tool to gain insights into the effectiveness and mechanisms by which these interventions influence cognitive functioning. However, a significant limitation of such studies is the absence of a priori knowledge regarding the contribution of specific brain regions and their connectivity patterns in predicting cognitive outcomes, thus influencing the interpretability of training studies. In this lecture, Dr. Prakash will provide an overview of the commonly employed fMRI-based markers in neuropsychological rehabilitation studies, with a particular focus on mindfulness-based approaches. She will also delve into the recent advancements in the field of network neuroscience, which can be harnessed to comprehensively characterize the impact of the intervention on the entire human connectome. Using mindfulness meditation as an example of a training strategy aimed at enhancing attentional control, Dr. Prakash will share findings from a series of studies that leverage network neuroscience-based approaches to develop an fMRI-based marker for studying attentional control.

7:45 AM–1:15 PM

Exhibit Hall Open

Room: 6th Floor Foyer

8:00–8:55 AM

**INS Lifetime Achievement Awardee**

**This Dogma Won't Hunt! A Zetetic Perspective on Neuropsychology Research**

Room: 6th Floor, Broadway Ballroom



Robert M Bilder, PhD  
UCLA Semel Institute for Neuroscience & Human Behavior

**Summary Abstract:**

Neuropsychology as a discipline challenges distinctions between mind and brain, departing from historical dogma about mind-brain dualism. This presentation highlights contrarian conclusions from projects in which I was lucky to participate, and how these may have broadened understanding of brain behavior relations. Can we repeal the neuropsychological (NP) "law" that there is no retrograde amnesia without anterograde amnesia? Can ventricular and sulcal enlargement be associated with better rather than worse NP function? Can hippocampal



**INS Lifetime Achievement Awardee (Continued)**

structure be more closely linked to executive and motor functions than to learning and memory? The surprising answers to these questions challenged existing theories and led to new and usually more nuanced hypotheses. Opportunities to pursue larger projects relating phenotypes to genotypes (“phenomics”) revealed larger problems. Specifically, the weakness of associations across levels of analysis from the genomic to the syndromic indicated that many popular hypotheses about biological mechanisms underlying behavior are probably wrong. To obtain robust evidence about the brain bases of behavior will likely demand large scale studies that span diagnostic boundaries, use multiple investigative strategies to interrogate both brain and behavior, and cross diverse cultural contexts. These revelations motivated more recent efforts to aggregate data for open, shared analysis, as manifest in the National Neuropsychology Network (NNN) and the INS Worldwide Initiative for Neuropsychological Data Sharing (WINDS). We further anticipate that initiatives focused on disruptive technologies and innovation may help make the contrarian approach mainstream as a functional competency for neuropsychology. We hope by focusing on how to harmonize data on a global scale, challenge conventional wisdom and retain openness to new conceptual frameworks, that we can further bridge gaps in knowledge and promote integrated understanding of brain and behavior.

**8:00–9:15 AM****Poster Session 02****Aging | MCI | Neurodegenerative Disease - PART 1****Room: 6th Floor, Shubert & Majestic Complexes****9:00–10:30 AM****Invited Symposium 1****Social Cognition in Frontotemporal Dementia: Research Developments and Implications for Clinical Practice****Room: 6th Floor, Broadway Ballroom****Chair: Olivier Piguet****Presenter(s):**

Agnès Denève, Master's degree  
Lille and Neuroscience Cognition (LILNCOG)



Amira Skeggs, PhD Candidate  
University of Cambridge



Sol Fittipaldi, PhD  
Trinity College Dublin & Global Brain Health  
Institute, Ireland

**Learning Objectives:**

1. Describe when social cognition should be included in neuropsychological assessments in the context of dementia
2. Compare social cognition profiles in frontotemporal dementia subtypes and Alzheimer's disease
3. Discuss the influence of culture and language on performance of social cognition tests

**Summary Abstract:**

Frontotemporal dementia is one of the most common causes of dementia in people under the age of 65 years. Three subtypes are recognised: behavioural-variant frontotemporal dementia, semantic dementia and progressive nonfluent aphasia. Clinically, individuals with frontotemporal dementia present with changes in behaviour and/or language.

This symposium will consider how social cognition is affected across subtypes of frontotemporal dementia, and how assessment of social cognition can improve diagnosis and prognosis. Importantly, the speakers will also consider how culture may influence clinical presentation, with a focus on social cognition performance.

Denève will present data on differentiating behavioural-variant frontotemporal dementia from primary psychiatric disorders using novel measures beyond mentalising and emotion recognition. Skeggs will present data on the variation of the clinical presentation of behavioural-variant frontotemporal dementia in people from culturally-diverse backgrounds. The results highlight how people from bilingual background may be less impaired on testing, particularly for non-verbal and social cognition tests. Fittipaldi will then present work demonstrating that social cognition impairment is not unique to the behavioural-variant of frontotemporal dementia, with individuals with semantic dementia and progressive nonfluent aphasia also showing impairment on tests of emotion processing, empathy and theory of mind. Finally, De Souza will consider how social cognition can differentiate between frontotemporal dementia and Alzheimer's disease, and how apathy might influence performance on these tasks. The session will conclude with a discussion led by Piguet, on how these findings can inform clinical practice, and the importance of assessing social cognition in the context of dementia.

**Paper Session 1****Interventions: Cognitive Rehabilitation, Neurostimulation/Neuromodulation, and Neuropharmacology****Room: 5th Floor, Westside Ballroom Salon 3****Moderator: Sharon Sanz Simon**

- |                    |   |
|--------------------|---|
| 1 Skye McDonald    | The Carer's Way Ahead: Is an On-Line Program to Manage Challenging Behavior Post Traumatic Brain Injury in the Home Effective?                        |
| 2 Ashley Harrie    | Efficacy of Combined High-Definition Transcranial Direct Stimulation and Mnemonic Strategy Training in Mild Cognitive Impairment                      |
| 3 Alex Bahar-Fuchs | Implementing Cognition-Oriented Treatments for Older People with MCI in Australian Memory Clinics   |
| 4 Kelsi Broich     | Preliminary Effects of High Definition-Transcranial Direct Current Stimulation in Lewy Body Dementia  |
| 5 Caroline Hinkle  | Associations Among Anticholinergic and Sedative Medications with Neuropsychological Test Performance in Older Patients Referred for Cognitive Decline |
| 6 Patrick Smith    | Lifestyle Modification and Neurocognition: One-Year Cognitive Changes from the TRIUMPH Trial among Resistant Hypertensives                            |

**Symposium 1****Bilingualism and Culture in Epilepsy Across the Lifespan: A Multidimensional Perspective****Room: 5th Floor, Westside Ballroom Salon 1****Chair: Alena Stasenکو**

- |                           |  |
|---------------------------|--|
| 1 Gretchen Berrios-Siervo | Culturally informed neuropsychological evaluations in pediatric epilepsy   |
| 2 Urvashi Shah            | Considerations for non-English speaking and multilingual patients in India                                       |
| 3 Alena Stasenکو          | Functional and structural adaptations in bilinguals with epilepsy  |
| 4 Heidi Bender            | Electrical stimulation mapping in historically underserved populations with epilepsy: A patient-centric approach |



9:00–10:30 AM (continued)

**Symposium 2**

**Therapeutic Strategies for Cognitive and Behavioural Dysfunctions in Patients with rare Neurodevelopmental Disorders**

**Room: 5th Floor, Westside Ballroom Salon 2**

**Chair: Jos Egger**

- |   |                 |  |
|---|-----------------|--|
| 1 | Jennifer Kramer | eHealth Interventions for Executive Functioning and Social Cognition in Children and Adults with Noonan Syndrome Spectrum Disorders: Two Pilot Studies |
| 2 | Anja Bos-Roubos | Sensory Information Processing, Intellectual Functioning, and Behaviour in Adults with Prader-Willi Syndrome   |
| 3 | Elisa Houwink   | Reflective Intermezzo - Phenotype-driven early recognition and treatment of rare genetic disease: A paradigm shift in primary care practice?           |
| 4 | Joost Kummeling | Symptoms of regression or psychosis? A treatment intervention in Kleefstra Syndrome  |
| 5 | Vincent Janssen | Personalized treatment in rare genetic syndromes: The example of Witteveen-Kolk Syndrome (SIN3A)   |

**Symposium 3**

**Current Trends and Future Frontiers in Neuropsychology and Digital Technologies**

**Room: 5th Floor, Westside Ballroom Salon 4**

**Chair: Preeti Sunderaraman**

- |   |                     |  |
|---|---------------------|--|
| 1 | Timothy Brearly     | Symptom/performance validity during videoconference neuropsychological testing: Existing evidence and remaining questions                                  |
| 2 | Madeline Manning    | Comparing Telehealth and In-Person Administration of Neuropsychological Assessment Measures in an Outpatient Pediatric Sample during the COVID-19 Pandemic |
| 3 | David Libon         | An Acoustic Analysis of Verbal Serial Learning and Semantic Fluency Test Performance   |
| 4 | Preeti Sunderaraman | A Comparison of Acoustic Features Extracted from A Voice-recorded Cognitive Test in United States and Malaysia.  |

9:30–10:40 AM

**Poster Session 03**

**Neurotrauma | Neurovascular**

**Room: 6th Floor, Shubert & Majestic Complexes**

10:30–10:45 AM

**Coffee Break**

**Room: 6th Floor Foyer**

10:45–11:40 AM

**Plenary B**

**Studying Cognitive Reserve**

**Room: 6th Floor, Broadway Ballroom**

**Introduction by: David Loring**

**Presenter(s):**



Yaakov Stern, PhD  
Columbia University Vagelos  
College of Physicians and Surgeons

Yaakov Stern is the Florence Irving Professor of Neuropsychology in the Departments of Neurology and Psychiatry, as well as the Taub Institute for the Research on Alzheimer's Disease and the Aging Brain and the Gertrude H. Sergievsky Center, at Columbia University Irving College of Physicians and Surgeons. He is chief of the Cognitive Neuroscience Division of the Department of Neurology.

Dr. Stern earned his B.A. in Psychology from Touro College, and his Ph.D. from the Experimental Cognition program of City University of New York.

Dr. Stern's research focuses on cognition in normal aging and in diseases of aging, particularly Alzheimer's disease. Dr. Stern's research was crucial to identifying and clarifying the nature of cognitive reserve, which is a theory that explains individual differences in the susceptibility to age- and disease-related brain changes.

Dr. Stern also leads a large scale imaging study to identify unique neural networks underlying the major cognitive abilities affected by aging, and another long-term study that models the natural history of Alzheimer's disease.

Dr. Stern's research approach includes classic neuropsychological and cognitive experimental techniques, with a strong focus on functional imaging. He has published over 700 peer-reviewed papers, numerous chapters, and edited a book on cognitive reserve.

**Learning Objectives:**

1. *define cognitive reserve*
2. *define brain maintenance*
3. *describe life exposures that support cognitive reserve*

**Summary Abstract:**

The cognitive reserve hypothesis posits that individual differences in the flexibility and adaptability of brain networks underlying cognitive function may allow some people to cope better than others with age- or disease-related brain changes. This talk will review the development and epidemiologic support for this concept. The neural implementation of cognitive reserve can be studied with functional imaging approaches; both resting BOLD and cognitive activation studies will be described. Finally, the implications of these concepts for healthy cognitive aging will be discussed.





11:45 AM–1:10 PM

**Paper Session 2**

**Lifestyle Factors: Pain, Sleep, and Weight**

**Room: 6th Floor, Broadway Ballroom**

**Moderator: Anita Hamilton**

- 1 Talha Arif The Association Between Lifestyle Factors and Biological Aging in Different Race/Ethnicity Groups: Results from 20 Years of NHANES Data
- 2 Lauren Borato Cognitive Functioning in Bariatric Eligible SWAN Patients
- 3 Udell Holmes III Comparative Analysis of Two Brain Age Algorithms Across Clinical Pain and Psychological Measures in Individuals with and Without Knee Pain
- 4 Lana Callies Sleep Moderates the Relationship Between Plasma pTau181 and Cognition in Community Dwelling Older Adults.
- 5 Alexandria Bartlett Body Mass or Belly Size? Comparing Measures of Body Fat Composition as Predictors of Executive Functioning Among Racially Diverse Middle- to Older-Aged Adults
- 6 Aren Tucker The Cognitive Impact of Obstructive Sleep Apnea is Modified by APOE ε4 Genotype

**Paper Session 3**

**Neuropsychiatric Conditions and Substance Use/Abuse**

**Room: 5th Floor, Westside Ballroom Salon 2**

**Moderator: Shawn McClintock**

- 1 Nehal Vadhan Alcohol Approach/Avoidance Tendencies are Associated with Reward/Punishment Sensitivity in Individuals with Problematic Alcohol Use
- 2 Devin Ulrich Rates of Adverse Childhood Experiences and PTSD Symptoms among Adult ADHD Referrals
- 3 Mariam Hussain The Association Between Loneliness and Functional Capacity in People with Schizophrenia
- 4 Kaley Angers Examining the Relationship among Neuropsychological Measures of Language, Natural Language Processing, and Social Functioning in the Early Psychosis Spectrum
- 5 Abeera Ahmad Objective Cognitive Performance, Subjective Cognitive Complaints and Their Relationship to Personality Factors in Depressed Older Adults with a History of Suicidal Behavior
- 6 Jessica Zakrzewski Improvement in Executive Functioning and Symptomatology Following Treatment for Hoarding Disorder in Veterans

**Paper Session 4**

**Cognitive Aging and Related Topics 1**

**Moderator: Anna Egbert**

**Room: 5th Floor, Westside Ballroom Salon 3**

- 1 Mary Ellen Garcia Associations of Post-Traumatic Stress Disorder and Objective Subtle Cognitive Difficulties in Cognitively Unimpaired Older Veterans
- 2 Michelle Martinez The Role of Stress, Perceived Discrimination, and Skin Tone on Cognitive Performance in Puerto Rican Adults
- 3 Emily Morris Is Systemic Inflammation a Mediator of Longitudinal Psychosocial Stress-Memory Associations in Black and White Older Adults?

- 4 Abbey Hamlin The Effects of Economic Stability and Health Care Access on 10-year Change in Memory Outcomes of Black/African American and White Older Adults from the ACTIVE Study
- 5 Matthew Stauder Examining the Role of Age and Physical Fitness on the Relationship Between Physical Activity and Executive Functions in Aging
- 6 Annalise Miner Examination of Plasma Biomarkers of Amyloid, Tau, Neurodegeneration, and Neuroinflammation in Former Elite American Football Players

**Symposium 4**

**History of Neuropsychology: Prior Steps & Future Directions**

**Room: 5th Floor, Westside Ballroom Salon 1**

**Chair: William B. Barr**

- 1 William Barr New York's Contributions to the History of Neuropsychology
- 2 Linas Bieliauskas Historical Origins of Professional Neuropsychology Organizations & Training in North America
- 3 Mary Kosmidis History of Neuropsychology in Greece
- 4 David Loring Origins and Influences of Wada testing
- 5 Russell Bauer History of Agnosia

**Symposium 5**

**Concussion in children and youth: an update on evidence for diagnosis, assessment and treatment**

**Room: 5th Floor, Westside Ballroom Salon 4**

**Chair: Vicki Anne Anderson**

- 1 Keith Yeates Pediatric Sport-related Concussion: Evidence and Recommendations for Neuropsychologists from the Amsterdam Consensus Statement 2023
- 2 Georgia Parkin Development, Stakeholder Engagement and Update of the \_\_HeadCheck\_\_ Concussion Recognition and Recovery App

12:00–1:10 PM

**Poster Session 04**

**Neuroimaging | Neurostimulation/Neuromodulation | Teleneuropsychology/Technology**

**Room: 6th Floor, Shubert & Majestic Complexes**

1:15–2:15 PM

**Lunch On Own**

1:15–2:15 PM

**Mirsky Symposium**

**Elements of Attention: Memorial Symposium for Allan F. Mirsky (1929-2023)**

**Room: 6th Floor, Broadway Ballroom**

**Summary Abstract:**

Deborah Fein will lead a symposium in honor of Dr. Allan F. Mirsky. Dr. Fein will begin with an introduction to Mirsky's attention elements in individuals who have lost the autism diagnosis. Next, Dr. Bruno Anthony will discuss Dr. Mirsky's pivotal role as a builder and mentor. Dr. Mary Kosmidis will discuss Mirsky's attentional elements in clinical assessment. Finally, Dr. Stephen Hooper will touch on the lasting legacy of Dr. Mirsky.

**2:15–5:30 PM****Exhibit Hall Open****Room: 6th Floor Foyer****2:15–3:45 PM****Paper Session 5****Movement Disorders****Room: 5th Floor, Westside Ballroom Salon 1****Moderator: David Scarisbrick**

- |                   |  |
|-------------------|--|
| 1 Elizabeth Boots | Differences in Neuropsychological Performance Across Clinical Variants of Progressive Supranuclear Palsy   |
| 2 Hayden Ferguson | Personality Integrity Following Deep Brain Stimulation for Parkinson's Disease   |
| 3 Scott Sperling  | Inpatient Medication Errors in Patients with Parkinson's Disease: Length of Stay, Readmissions, and Mortality  |
| 4 Rachel Schade   | Fact or Fiction: Do Neuropsychological Pearls Regarding Fronto-Executive Dysfunction Hold Up in a Large Sample (>700) of Non-Demented Individuals with Parkinson's Disease |
| 5 Julie Petersen  | Cognitive Outcomes of Unilateral Magnetic Resonance-Guided Focused Ultrasound of the Ventral Intermediate Nucleus of the Thalamus for Essential Tremor                     |
| 6 Filippo Cieri   | Decreased Functional Connectivity of Olfactory-Related Regions in Parkinson's Disease Compared to Mild Cognitive Impairment and Healthy Controls                           |

**Paper Session 6****Movement Disorders****Room: 5th Floor, Westside Ballroom Salon 3****Moderator: Daryl Fujii**

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|--------------------------|---|
| 1 Alice Gavarrete Olvera | Sociodemographic and Linguistic Differences Among Latinx Bilinguals on Testing Language Choice  |
| 2 Kevin Duff             | Should Ethnicity be Considered in the Determination of Cognitive Change? Results from Health & Aging Brain Study - Health Disparities |
| 3 Laura Bird             | Subjective Cognitive Concerns and Cognitive Health Literacy Among International and Domestic University Students in Australia         |
| 4 Jessica Spat-Lemus     | Addressing Disparities: Neuropsychological Assessment Modifications for Special Populations Requiring Neurosurgical Interventions     |
| 5 Andrea Ochoa Lopez     | The Role of an Evidence-Based Risk Score in Predicting Baseline and Follow-up Cognition in a Multiethnic Sample                       |
| 6 Anu Haavisto           | Harmonizing Clinical Assessments in a Minority Group  |

**SLC Workshop****Personal Branding for the Neuropsychology Trainee****Room: 5th Floor, Westside Ballroom Salon 4****Chair: Tahliá Bragg****Discussant: Monica Rivera-Mindt****Symposium 6****Neuropsychological Application of the International Test Commission's Guidelines for Translating and Adapting Tests****Room: 6th Floor, Broadway Ballroom****Chair: Tedd Judd**

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|----------------------|--|
| 1 Shathani Rampa     | Neuropsychological Applications of the International Test Commission's (ITC) Guidelines for Translating and Adapting Tests: Pre-Conditions and Test Development  |
| 2 Xinyi Zhou         | Neuropsychological Applications of the International Test Commission's (ITC) Guidelines for Translating and Adapting Tests: Confirmation, Administration, Scoring, Interpretation, and Documentation.                |
| 3 Christopher Nguyen | Neuropsychological Applications of the International Test Commission's (ITC) Guidelines for Translating and Adapting Tests: Decision-Making Guidelines   |
| 4 Aparna Dutt        | Application of the International Test Commission (ITC) Guidelines in reducing bias in test adaptation: An illustration from the Addenbrooke's Cognitive Examination III for the Bengali speaking population in India |

**Symposium 7****Pathways to Cognitive Rejuvenation in Aging: From Lifestyle to Molecule****Room: 5th Floor, Westside Ballroom Salon 2****Chair: Kaitlyn Casaletto**

- |                     |   |
|---------------------|---|
| 1 Rowan Saloner     | Multimodal lifestyle engagement patterns support cognitive stability beyond neuropathological burden    |
| 2 Kaitlin Casaletto | Aging rejuvenation proteins in adults with genetic and sporadic dementia                                |
| 3 Adam Brickman     | Flavanol and multivitamin supplementation improves memory in older adults: A randomized clinical trial  |
| 4 Judy Pa           | Sleep and CSF flow in the glymphatic system as a pathway to cognitive health in older adults            |
| 5 Iris Strangmann   | Illiteracy, Multilingualism, and Cognition among Older Indian Adults with Little to no Formal Schooling |

**2:30–3:45 PM****Poster Session 05****Neuropsychiatry | Addiction/Dependence | Stress/Coping | Emotional/Social Processes****Room: 6th Floor, Shubert & Majestic Complexes****3:45–4:00 PM****Coffee Break****Room: 6th Floor Foyer****4:00–5:15 PM****Poster Session 06****Aging | MCI | Neurodegenerative Disease - PART 2****Room: 6th Floor, Shubert & Majestic Complexes**

4:00–5:25 PM

**Invited Symposium 2****The Human Connectome Project: What have we learned and what lies ahead?****Room: 6th Floor, Broadway Ballroom****Chair: David Van Essen****Presenter(s):**David C. Van Essen, PhD  
Washington University in St LouisDeanna Barch, PhD  
Washington UniversityLeanne Williams, PhD  
Stanford University School of Medicine**Learning Objectives:**

1. Identify three characteristics of the HCP's multimodal cortical parcellation that represent significant advances relative to other extant parcellations.
2. State one important finding relating brain structure and function to pubertal status and hormone levels during childhood development and another important finding about subtypes of depression and anxiety revealed using neuroimaging data.
3. Discuss how modern neuroimaging provides promising opportunities for diagnosing brain disorders yet must be analyzed critically to avoid over-interpretation of results.

**Summary Abstract:**

The launching of the Human Connectome Project in 2010 initiated an explosion of research on the structure, function, and connectivity of the human brain. The HCP was associated with a set of ongoing methodological advances that enhance our ability to acquire, analyze, visualize, and share information about brain organization and circuitry. It has been succeeded by a growing number of large-scale neuroimaging projects devoted to particular age ranges or disease conditions. In aggregate, these efforts have led to many exciting discoveries and important insights, though these are coupled with sobering reminders of the extraordinary complexity of brain circuitry and by the fact that current in-vivo neuroimaging methods remain severely limited in important respects.

In this symposium, David Van Essen will focus on the cerebral cortex, with an emphasis on the HCP's multi-modal cortical parcellation that includes 180 well-defined areas in each hemisphere. The ability to accurately identify cortical areas in individual subjects enables detailed exploration of individual variability in cortical functional organization, which is presumed to underlie important differences in behavioral and cognitive capabilities. Such relationships have heretofore been obscured by the dramatic differences in cortical convolutions (folding patterns), which are only weakly correlated with cortical area location in higher cognitive regions. Future advances in this arena will benefit from the application of powerful transcriptomic methods for identifying cell classes based on gene expression patterns and distinguishing between regions based on their cell class profiles.

Deanna Barch will emphasize human development in relation to chronological age and puberty. The use of HCP's multi-modal cortical parcellation organized into brain networks allowed for the examination of trajectories of cortical thickness and surface area development and subcortical volume related to pubertal status and hormones. This work demonstrates differences between thickness and surface area in relation to pubertal status versus hormones, suggesting a potentially unique role for pubertal hormones in shaping differences in surface area that emerge with age. Further, patterns of functional connectivity also vary as a function of chronological age, pubertal status and hormone level, with key differences across networks in terms of whether

pubertal status or puberty hormone levels account for variance in differences in functional connectivity over and above age.

Leanne Williams will focus on HCP studies related to human disease (CRHD), specifically functional brain disorders of depression and anxiety. There is a need for novel markers that reflect the pathophysiological processes underlying these disorders and can untangle their heterogeneity. HCP resting and task-evoked sequence condition were used to identify subtypes of depression and anxiety. Activation and connectivity were quantified for multiple circuits implicated in depression and anxiety and their treatment. Data are integrated from CRHD studies across UPenn, Stanford and UCLA sites (N=501). The work demonstrates the feasibility of the DB-SCAN cluster approach, incorporating data reduction, to identify 8 cluster subtypes. This solution was not due to site differences. We show that cluster subtypes were separated by distinct symptom profiles, that cut across traditional diagnostic categories.

**Paper Session 7****Epilepsy and Seizures****Room: 5th Floor, Westside Ballroom Salon 2****Moderator: Any Reyes**

- |                             |   |
|-----------------------------|---|
| 1 Sallie Baxendale          | Sex Differences in the Pre- and Postoperative Neuropsychological Function of Epilepsy Surgery Candidates  |
| 2 Danielle Stepien          | Postoperative Changes in Temporal Lobe Epilepsy (TLE) Patients with High Cardiovascular Risk Factor (CVRF) Burden   |
| 3 Robyn Busch               | Influence of Psychological Factors on the Relationship Between Subjective and Objective Cognition in Adults with Pharmacoresistant Temporal Lobe Epilepsy |
| 4 Sofia Iglesias Medina     | Iglesias Medina Atypical Representation of Hemispheric Language Dominance in a Pediatric Epilepsy Surgery Candidate: A Case Study                         |
| 5 Florian Mücke             | Risk Factors for Postoperative Verbal Memory Decline After Hippocampus Sparing Medial Temporal Lobe Resections in Patients with Temporal Lobe Epilepsy    |
| 6 Bautista Elizalde Acevedo | Reorganization of pragmatic language networks in patients with temporal lobe epilepsy   |

**Paper Session 8****Cognitive Aging and Related Topics 2****Room: 5th Floor, Westside Ballroom Salon 3****Moderator: Ruchika Prakash**

- |                   |   |
|-------------------|---|
| 1 Batool Rizvi    | Education Moderates the Association of White Matter Hyperintensities with Memory and Alzheimer's Disease Biomarkers |
| 2 Sara Pishdadian | Psychometric Investigation of the Novel Changes in Navigation Questionnaire (CNQ) in Typical Aging                  |
| 3 Sophie Bell     | DNA Methylation Age Acceleration as a Predictor of Midlife Cognitive Status   |
| 4 Stephanie Young | Can Older Adults Self-Administer a Cognitive-Screener at Home? A Pilot Study of the MyCog Mobile App                |
| 5 Molly Split     | The Relationship Between Social Interaction and Executive Function in Older Adults: A Cross-Cultural Comparison     |
| 6 Kelsey Baller   | Do White Matter Lesions Affect Memory or Processing Speed More and Does Lesion Type Matter?                         |

4:00–5:25 PM (continued)

**Paper Session 9****Assessment and Psychometrics****Room: 5th Floor, Westside Ballroom Salon 4****Moderator: Marisa Spann**

- |   |                       |   |
|---|-----------------------|---|
| 1 | Russell Bauer         | Performance Validity Outcomes in the Multisite Clinics of the National Neuropsychology Network  |
| 2 | Reuben Robbins        | Sample Size Considerations for Establishing Norms in Low- and Middle-Income Countries for a Brief, Tablet-Based Neuropsychological Test Battery.  |
| 3 | Haley Kohl            | Outcomes Following Feedback on Research Results (OFFeR): Preliminary Evaluation of a Standardized Neuropsychological Feedback Program at the Michigan Alzheimer's Disease Research Center |
| 4 | Mark Sanderson-Cimino | Development and validation of the UCSF TabCAT version of the EXAMINER: A tablet-based executive function battery for research and clinical trials   |
| 5 | Jordan Stiver         | Robust Demographically-Adjusted Norms for Remote Cognitive Assessment: Examining the Unsupervised Cogstate Brief Battery in an Ethnoculturally-Diverse Sample                             |
| 6 | Emily Ho              | Introducing the NIHTB V3 Cognition Battery: Results from a Large-Scale Norming Study Across the Life Span   |

**Symposium 8****Interventions for neuropsychological conditions****Room: 5th Floor, Westside Ballroom Salon 1****Chair: Jamie Berry**

- |   |                        |  |
|---|------------------------|--|
| 1 | Gerald Voelbel         | Neuroplasticity Driven Brain Changes: The next frontier in brain injury cognitive rehabilitation   |
| 2 | Christina Weyer Jamora | For the love of work: Novel study of cognitive rehabilitation in primary brain tumor for improving work performance                                    |
| 3 | Jennie Ponsford        | Cognitive Behavioural Therapy versus Health Education for Sleep Disturbance and Fatigue Following Acquired Brain Injury: A Randomised Controlled Trial |
| 4 | Amber Keller           | Compensatory Cognitive Training for Unstably Housed Veterans in Residential Mental Health Treatment  |
| 5 | John DeLuca            | Efficacy of Speed of Processing Training in Improving Functional Status in Persons with Multiple Sclerosis   |

5:30–6:30 PM

**Plenary C****Conducting a Culturally-Informed Neuropsychological Assessment Using the ECLECTIC Framework****Room: 6th Floor, Broadway Ballroom****Introduction by: Sallie Baxendale****Presenter(s):**

Daryl Em Fujii, PhD  
VA Pacific Islands Health Care Services

Daryl Fujii, Ph.D., ABPP-CN is a staff neuropsychologist at the Veterans Affairs Pacific Island Health Care Services Community Living Center. He received his Ph.D. from the University of Wyoming in 1991.



interned at the Sepulveda VAMC, and completed a postdoctoral fellowship at the Rehabilitation Hospital of the Pacific. Daryl earned his diplomate in clinical neuropsychology from the American Board of Professional Psychology in 1999 and was elected to fellow status of the American Psychological Association in 2006 and the National Academy of Neuropsychology in 2016. Daryl is a co-founding member and former President of the Asian Neuropsychological Association, an Associate Editor of the Archives of Clinical Neuropsychology, Chair of the VA Pacific Island Health Care Services and Central California Internal Review Boards. He was also selected as a cultural content expert for the 2022 Minnesota Conference tasked with updating training guidelines in clinical neuropsychology. Daryl has contributed to the development of competent neuropsychological assessment through his publications including *The Neuropsychology of Asian-Americans* (2010), *Conducting a Culturally-Informed Neuropsychological Evaluation* (2016), *The ECLECTIC Framework* (2018), and *Incorporating Intersectionality in Neuropsychology* (2023).

**Learning Objectives:**

1. *Incorporate cultural research in assessment preparation for culturally different patients.*
2. *Integrate facets of the ECLECTIC Framework to develop a conceptual understanding of the patient.*
3. *Use this contextual understanding to tailor the assessment process to the specific characteristics of the culturally different patient.*

**Summary Abstract:**

The population of countries across the globe are becoming more and more diverse. Factors contributing to this heterogeneity include increases in international migration, growing recognition of indigenous populations, and increases in interracial marriages. To ensure equal access of services to an increasingly diverse population, neuropsychologists will need to develop skills in conducting culturally competent neuropsychological assessments. Thus far, the focus for cultural neuropsychology has been finding validated tests that are translated and appropriately normed for the characteristics of each patient. Although testing is an important component of the assessment process, it is argued that basing an assessment primarily on test scores is flawed and incomplete. It is logistically flawed, as it is impossible to procure appropriately translated and normed tests for all diversities and inherent heterogeneities within each country. It is even more complicated at the individual level. It is incomplete, as test scores, or other forms of data including behavioral observations and history, in and of itself have little clinical meaning. Data only becomes clinically meaningful when interpreted within an individualized cultural context. Thus, it is argued that the foundation for a cultural neuropsychological assessment is not a test score, but a conceptual understanding of the patient. The purpose of this presentation is twofold. The first goal is to introduce the ECLECTIC Framework (Fujii, 2018) which identifies important cultural facets for developing a conceptual understanding of the culturally different patient. The second goal is to illustrate the potential impact of each cultural facet on the assessment process. This will be accomplished by providing examples of how these facets can impact each of the four pillars of the American Education and Research Association et al., (2014) standards for fairness in testing.

7:00–9:00 PM

**Trainee Social****Co-Hosted by INS-SLC, ANST, QNS, ANA, SBN, HNS****Location: Connolly's Pub & Restaurant, 2nd Floor Bar (121 W 45th St, New York, NY 10036)**

7:00–7:20 AM

**CE Workshop Breakfast**

For registered workshop attendees ONLY

7:20–8:50 AM

**CE Workshop 9**

**Biomarkers of Alzheimer’s Disease among Diverse Populations**



**Room: 5th Floor, Westside Ballroom - Salon 2**

**Introduction by: Brett Schneider**

**Presenter(s):**



Sid O'Bryant, PhD  
University of North Texas  
Health Science Center

**Learning Objectives:**

1. Discuss recent developments in biomarkers of Alzheimer’s disease
2. Describe the importance of understanding race and ethnicity when interpreting these novel biomarkers of Alzheimer’s disease
3. Describe recent literature on the impact of race/ethnicity on advance biomarkers of Alzheimer’s disease

**Summary Abstract:**

There have been tremendous advancements in the development and clinical implementation of biomarkers for Alzheimer’s disease. These include brain scans (e.g., MRI, PET) as well as blood biomarkers (e.g., ptau181, amyloid, NFL). However, to date, the vast majority of the data on these novel biomarkers are from non-Hispanic white populations. Additionally, few research studies have examined the impact of medical comorbidities on these biomarkers. The current talk will cover an overview of many of the clinically available biomarkers of Alzheimer’s disease. The talk will also cover recent data from the Health & Aging Brain Study - Health Disparities (HABS-HD) regarding these biomarkers across diverse populations.

**CE Workshop 10: Sponsored by the INS Epilepsy Special Interest Group**



**Treatment Risks Associated With Anti-Seizure Medications (ASMs)**

**Room: 5th Floor, Westside Ballroom - Salon 4**

**Introduction by: Kyler Mulhauser**

**Presenter(s):**



David W. Loring, PhD  
Department of Neurology, Emory University

**Learning Objectives:**

1. Identify ASMs with greater cognitive risks and ASMs with lower cognitive risks
2. Identify ASMs with greater behavioral risk and ASMs with lower behavioral risks
3. Identify ASMs with greatest/least established in utero exposure risks

**Summary Abstract:**

Successful treatment of epilepsy is typically achieved with anti-seizure medications (ASMs). While all ASMs are associated with some risk of cognitive and behavioral side effects,

ASM treatment effects are often modifiable through dose adjustment or by changing specific medications. Patients with more difficult to control seizures often have fewer ASM options since the first goal of medical therapy is to successfully control seizure frequency, and this is often achieved only through polytherapy that is associated with greater neuropsychological risk. Children born to women with epilepsy have developmental risks associated with in utero ASM exposure. This workshop will survey the cognitive and behavior risks associated with the most commonly used ASM to treat epilepsy in both children and adults, characterize the developmental risks of in utero ASM exposure, and identify important gaps in our knowledge including methodological limitations that confound cognitive outcomes with non-randomized treatment assignment.

8:00–8:25 AM

**INS Early Career Awardee**

**INS Early Career Award Presentation: Kaitlin Casaletto**

**Room: 6th Floor, Broadway Ballroom**

**Presenter(s):**



Kaitlin Casaletto  
University of California, San Francisco

8:30–8:55 AM

**INS Mid-Career Awardee**

**Temporal Lobe Epilepsy: The Quest to Understand Heterogeneity in Cognitive Outcomes**

**Room: 6th Floor, Broadway Ballroom**

**Presenter(s):**



Robyn M Busch, PhD, ABPP-CN  
Cleveland Clinic  
Case Western Reserve University

**Summary Abstract:**

Cognitive impairment is a major comorbidity of the epilepsies that often negatively impacts patient functioning and quality of life. Historically, epilepsy neuropsychological research has followed the classic paradigm, examining cognitive impairments in relation to core characteristics of the disorder (e.g., syndrome, etiology, seizure frequency/severity). However, substantial challenges to this paradigm have accumulated over the years, highlighting considerable patient heterogeneity in cognitive outcomes, even in seemingly homogenous epilepsy syndromes like mesial temporal lobe epilepsy (TLE). This talk will 1) highlight newly identified genetic and environmental contributors to cognitive dysfunction in TLE that account for some of the ‘missing variance’ in cognitive outcomes, 2) discuss methods for consolidating known cognitive risk factors to aid neuropsychologists in predicting cognitive outcomes following surgical intervention for the treatment of TLE, and 3) review current efforts to promote neuropsychological research in epilepsy at a global level to accelerate discovery and progress in this field.

8:00–8:55 AM

## Ukraine Symposium

### War-Time Neuropsychology in Ukraine

Room: 5th Floor, Westside Ballroom Salon 1

#### Presenter(s):



Kenneth Podell, PhD  
Hosuton Methodist Concussion Center  
Weill-Cornell Medical School/Hosuton Methodist  
Academic Institute



Sergii Sievtsov, MA  
South Ukrainian National Pedagogical University  
Goldberg Institute of Neuroscience and  
Neuropsychology, Odessa, Ukraine



Prof. Michał Harciarek, Ph.D.  
University of Gdańsk, Poland  
President of the Psychology Division of the Polish  
Academy of Science

#### Summary Abstract:

A team of Ukrainian neuropsychologists striving for effectiveness in the diagnosis and treatment of wartime traumatic brain injury and PTSD in the service members and civilians, together with other colleagues, Ukrainian psychiatrists, neurologists, and psychologists, have encountered numerous cases of patients with severe consequences of concussions, as the result of blast injuries caused by weapons of modern warfare, and intense PTSD symptoms, as a result of deep psychological traumas, caused by witnessing and experiencing atrocities of war and war crimes, committed by the Russian occupants.

The consequences of the blast injuries caused by the modern weapons on the human brain and cognitive functions are novel, at times unprecedented and often severe. So are the atrocities of war and their effects on the human mind, hence severe cases of PTSD. Many of our patients have both traumatic brain injury and symptoms of PTSD, which makes diagnosis and treatment even more challenging, adding comorbid symptoms of depression, anxiety, insomnia, etc. Many of our soldiers, brave men and women, who joined the Ukrainian military during the general mobilization after a full scale invasion of Russian military forces into Ukraine, had no or limited prior military training and were not psychologically prepared for what they had to experience, hence more cases of severe psychological traumas among service members.

We realized that we needed help and decided to take action. We contacted Dr. Elkhonon Goldberg seeking his advice. Dr. Goldberg assembled a team of American and European neuropsychologists and psychiatrists that embarked on regular virtual communications with us and our Ukrainian colleagues. The team now includes neuropsychologists and psychiatrists from New York, Houston, Dallas, Washington DC, Utah, as well as from Canada, Poland and Estonia. All participants contribute on a voluntary, pro bono basis. As a result of this interaction, a comprehensive collaborative program has been launched and is ongoing.

9:00–10:00 AM

## Plenary D: The Birch Lecture

Brain Health Buzz: the  
Globalization of Brain Health  
and What this Means for Society

Room: 6th Floor, Broadway Ballroom

Introduction by: Cady Block



#### Presenter(s):



Kavitha Kolappa, MD, MPH  
Psychiatrist, Massachusetts General Hospital

Kavitha Kolappa, MD, MPH, is a psychiatrist specializing in the public health and societal implications of brain/body medicine. Originally from North Carolina, Dr. Kolappa was a Robertson Scholar at the University of North Carolina at Chapel Hill, where she received a BA in International Studies. She subsequently received her MD from the Johns Hopkins School of Medicine and her MPH from the Harvard School of Public Health. She completed her psychiatry residency training at the Massachusetts General and McLean Hospitals, and her academic interests include the brain/body interface, stress physiology, and the social determinants of health. She has lived and worked abroad in several contexts including Cuba, India, Tanzania, South Africa, and Switzerland. She has worked in various capacities with the Global Health Council, International Rescue Committee, Médecins Sans Frontières, and Universities Allied for Essential Medicines. She has also consulted extensively for the World Health Organization's Department of Mental Health and Substance Use. Most recently, she was the lead author of WHO's seminal position paper, "Optimizing brain health across the life course," which was released in 2022. She enjoys yoga, dogs, and warm cups of tea.

#### Learning Objectives:

1. Describe the key determinants of brain development and brain health across the life course
2. Recognize the relationship between brain health, mental health, physical health, and other societal outcomes
3. Leverage the relevance of brain health in your clinical practice

#### Summary Abstract:

Over the past half millennium, fierce debates have smoldered within Western societies between scholars, philosophers, and medical professionals over fundamental questions concerning mental life. Owing in large part to Cartesian dualism in the 17th century, the "mind" began to be considered separate from the "body" in both substance and purpose. During the late 1800's and early 1900's, the birth of psychoanalytic theory gave rise to novel ways to conceptualize the mind through a psychological lens. Around the same time, competing perspectives pitching mental illness as biological in origin began to take root and would eventually gain prominence with the discovery of psychotropic drugs. Over the ensuing near-century, the fields of psychology and psychiatry would struggle to reconcile these evolving and oft-competing psychosocial and biological perspectives.

Importantly, emerging research over the past several decades have elucidated the undeniable, biological impacts of social determinants on the brain and how these impacts correlate with mental health, physical health, and other societal outcomes. Pioneers in the fields of evolutionary neuropsychiatry, attachment theory, early childhood development, brain/body medicine, and social connection research have begun to tie previously disparate ideas together, setting the stage for unifying understandings of the brain, mind, and body like never before.

The concept of "brain health" represents a timely opportunity to elevate the message that the social and biological are intimately intertwined. This talk will analyze the rising popularity of "brain health" and what this means for clinical practice and society today. Drawing on experiences working with the World Health Organization, Dr. Kolappa will review the latest evidence on the social and environmental determinants of brain health, as well as the interrelatedness of brain health, mental health, physical health, and well-being. Lastly, she will explore crucial advocacy needed to prioritize brain health at the societal level and how you as a clinician can get more involved.

9:30 AM–12:30 PM

Exhibit Hall Open

Room: 6th Floor Foyer

10:00–10:15 AM

**Coffee Break**

Room: 6th Floor Foyer

10:15–11:30 AM

**Poster Session 07****Assessment/Psychometrics | Forensics/  
Noncredible Presentations**

Room: 6th Floor, Shubert &amp; Majestic Complexes

10:15–11:40 AM

**Invited Symposium 3****Neuropsychological Assessment  
Across the Language Barrier**

Room: 6th Floor, Broadway Ballroom

Chair: Sharon Truter

Presenter(s):

Sharon Truter, DLitt et Phil  
Rhodes UniversityVigneswaran Veeramuthu, PhD  
Thomson Hospital Kota Damansara,  
Society of Clinical Neuropsychology (Malaysia)Debra Machando, PhD  
University of BristolT. Rune Nielsen  
University of Copenhagen,  
Copenhagen University Hospital**Learning Objectives:**

1. Identify key issues to take into account when assessing examinees who speak languages other than the one(s) tests are standardised for.
2. Use the information learned to increase the fairness and accuracy of assessment of neurocognitive functioning across the language barrier.
3. Apply the knowledge to test selection, assessment and test interpretation.

**Summary Abstract:**

With increasing global migration, psychologists in many countries face the challenge of needing to assess people whose demographic characteristics do not match those of the people on whom readily available tests were standardised. This symposium focuses on one of these challenges: the language barrier.

The plurilingual structure of the brain will be demonstrated through the intraoperative mapping work done in Malaysia with people who speak many languages. Attendees will also be shown how normative data were collected on a battery of neurocognitive tests for children who do not have English as a first language in Zimbabwe, and how the lessons learned from the experience might be used by psychologists in other countries with limited normative data. Assessments across the language barrier frequently require the use of interpreters and with this in mind, guidelines on interpreter-mediated neuropsychological assessments that are being developed by the European Consortium on Cross-Cultural Neuropsychology (ECCroN) will be introduced and discussed. Finally, the lessons learned in South Africa on the effects on test scores when examinees are tested in a non-first language will be revealed, identifying themes to inform future research.

**Symposium 9****Moving Beyond Secondary Status: Accounting  
for Social Determinants of Health Across  
Biopsychosocial Spheres of Influence on  
Pediatric Neuropsychological Outcomes**

Room: 5th Floor, Westside Ballroom Salon 1

Chair: Rachel Peterson

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|-------------------|--|
| 1 Rivky Green     | Positive Parenting Practices Support Children with Early Neurological Histories: A Call for Increased Modifiable Factors of Health |
| 2 Rowena Ng       | Improving Diversity and Equity in Clinical Trials and Other Rare Disease Clinical Research: Kabuki Syndrome as an Example__        |
| 3 Kai Leung       | Language and Cognition in Bilingual and Monolingual Children Post-Stroke   |
| 4 Christina Love  | Area Deprivation Index (ADI) and Childhood Opportunity Index (COI): Acceptable proxy measures for Socio-demographic Factors?       |
| 5 Rachel Peterson | Community-Based Social Determinants of Health Predict Neuropsychological Outcomes in Pediatric Brain Tumors                        |

**Symposium 10****Increasing collaboration, sample  
representativeness, and access to neuroscience  
education: the ENIGMA working groups**

Room: 5th Floor, Westside Ballroom Salon 2

Chair: Frank Hillary

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|------------------|---|
| 1 Maheen Adamson | Sex Differences in TBI & Depression: Results from multi-ethnic observational and treatment Studies  |
| 2 Emily Dennis   | ENIGMA-U: A Free Online Resource for Increasing Representation from Historically Excluded Groups in Neuropsychology and Neuroimaging Research |
| 3 Frank Hillary  | Addressing Sample Representativeness to Enhance Study Reproducibility   |

**Paper Session 10****Alzheimer's Disease**

Room: 5th Floor, Westside Ballroom Salon 3

Moderator: Duke Han

- |                         |  |
|-------------------------|--|
| 1 Elena Festa           | Visual Sensory Binding: A Novel Behavioral Marker of Preclinical AD  |
| 2 Filipa Raposo Pereira | Can the Memory Binding Test anticipate to an at-risk phase the detection of Episodic Memory deficits linked to Alzheimer Disease?  |
| 3 Emily Matusz          | Vascular Contributions to Cognitive Decline and Neurodegeneration Beyond the Effects of AD Pathology in Hispanic and Non-Hispanic Older Adults                           |
| 4 Roos Jutten           | The Mobile Toolbox (MTB) for Assessing Cognition Remotely in Preclinical Alzheimer's Disease: Associations with In-Clinic Cognitive Assessments and Amyloid and Tau PET. |
| 5 Corey Bolton          | Improving the Diagnostic Accuracy of Plasma Alzheimer's Disease Biomarkers with Objective and Subjective Cognitive Screening   |

10:15–11:40 AM (continued)

**SLC Panel**

**SLC Self-Care/Self-Advocacy Panel**

**Room:** 5th Floor, Westside Ballroom Salon 4

**Chair:** Tahlia Bragg

**Presenter(s):**



Alexander Tan, Ph.D., ABPP-CN,  
Children’s Hospital of Orange County



Celina Whitmore, MA  
University of Hartford



Jotie Mondair, PSYD(c), LPC, ATR-BC, CCTP,  
Philadelphia College of Osteopathic Medicine



Daliah Ross, MA,  
University of California, San Diego/VA San Diego

**Summary Abstract:**

Despite the very high literacy rate in developed and most developing countries, there remains a small, but non-trivial, percentage of the population in some countries that has had limited access to formal education or poor-quality education due to socioeconomic factors. While in most countries illiterate individuals are typically, although not exclusively, older, they are also the cohort most likely to require neuropsychological assessment as part of diagnostic procedures for potential neurocognitive decline. Moreover, illiteracy and low literacy are often associated with social and environmental factors including poverty, deprivation, war, low socioeconomic level, rural environment, and others, leading to life-long limitations with respect to opportunities related to work, health, etc. Although illiteracy and low literacy may seem irrelevant to many neuropsychologists given their relative rarity, the growing numbers of displaced individuals due to war and other adverse conditions relocating to Western countries suggests that this issue remains pertinent. Thus, we will discuss the association between illiteracy and low levels of literacy primarily with respect to late life cognitive abilities and potential for neurocognitive decline and/or misdiagnosis, as well as pitfalls and challenges in clinical assessment. This discussion will include factors affecting neuropsychological performance, above and beyond factual knowledge. The findings presented may have implications not only for individuals undergoing assessment and treatment, but also for policy makers in terms of early life experiences setting the stage for late life cognitive decline.

11:45 AM–12:40 PM

**Plenary E**

**Neuropsychology and Literacy**

**Room:** 6th Floor, Broadway Ballroom

**Introduction by:** Rochele Paz Fonseca

**Presenter(s):**



Mary Kosmidis, PhD  
Aristotle University of Thessaloniki

Mary H. Kosmidis, Ph.D. is a Professor and Chair of the School of Psychology at Aristotle University of Thessaloniki (AUTH) in Greece. She received her Ph.D. in Clinical Psychology from American University, Washington, DC (1992) and worked as a staff fellow at the NIMH conducting research in psychophysiology and neuropsychology, while also working in private practice. Since 1999, she has been on the faculty of the School of Psychology at AUTH, teaching and doing research in clinical neuropsychology and supervising students’ clinical and research training. She currently represents Greece (via the Association of Greek Psychologists) as a member of the Standing Committee on Clinical Neuropsychology of the European Psychologists’ Associations. Over the course of her career, she has organized national and international conferences and the Vivian Smith Summer Institute for Neuropsychology sponsored by the INS, was president of the Hellenic Neuropsychological Society and board member of the Hellenic Society of Northern Greece, vice-dean of the Faculty of Philosophy at AUTH, and has served on the editorial board of several scientific journals. Her research has been awarded several grants (US, European Commission, Hellenic Ministry of Education, AUTH) and conference prizes. Most recently, her research has focused on early signs and protective and predisposing factors for the development of dementia (e.g., Mediterranean diet, sleep, normal cognitive trajectories related to aging, early exposure to adverse life factors such as war, pesticide use, low SES); the neurocognitive dimensions of illiteracy and implications for a) accurate clinical neuropsychological assessment and b) the effects of literacy on cognitive functioning; cultural factors relevant to neuropsychological assessment, e.g., determining the cultural appropriateness of neuropsychological tests and adapting existing, or developing new, tests and normative data for the Greek population, among others.



**Learning Objectives:**

1. Summarize basic information on the factors associated with the neuropsychological functioning in illiterate and low literate individuals.
2. Recognize the potential pitfalls in the neuropsychological assessment of illiterate and low literate individuals.
3. Select and apply appropriate procedures to the neuropsychological assessment of illiterate and low literate individuals.

12:40–1:45 PM

**Lunch On Own**

1:45–3:00 PM

**Poster Session 08**

**Cognition | Cognitive Reserve Variables**

**Room:** 6th Floor, Shubert & Majestic Complexes

1:45–3:15 PM

**Symposium 11**

**Asian Neuropsychologists: Global Insights on Training, Education, Barriers, and Future Directions**

**Room:** 6th Floor, Broadway Ballroom

**Chair:** Ashley Nguyen-Martinez

- |   |                        |  |
|---|------------------------|--|
| 1 | Ashley Nguyen-Martinez | An Overview of Asian Neuropsychologists and Their Training Background, Work Experiences, Barriers, and Needs                       |
| 2 | Maiko Sakamoto         | Clinical Neuropsychology in Asia: Variability in Training Models, Barriers and the Need for Standardization of Training Guideline  |
| 3 | Wen-Yu Cheng           | Barriers, Needs, and Future Directions in Neuropsychological Training and Practice for Serving Chinese Populations Outside of Asia |
| 4 | Palak Lunia            | Current training pathway creates a barrier for international students: Survey data from training directors                         |



1:45–3:15 PM (continued)

**Paper Session 11****Oncology****Room: 5th Floor, Westside Ballroom Salon 1****Moderator: Lenka Krámská**

- 1 Timothy Ainger Collaborative Cognitive Measurement and Outcome Monitoring in Low-Grade Glioma Resection: A Pilot Study
- 2 Martine Van Zandvoort Neurocognitive Dysfunction in Patients with Brain Metastases Prior to Radiotherapy
- 3 Yongji Tian Supratentorial Grey Matter Changes and Their Associations with Neurocognitive Deficits in Long-Term Medulloblastoma Survivors
- 4 Angela Sekely Improving Access to Neurocognitive Assessment: Preliminary Results of a Feasibility, Acceptability, and Validity Investigation of the Amsterdam Cognition Scan for Brain Tumor Patients
- 5 Alannah Srsich Neurological Risk and Childhood Neighborhood Opportunity: Predictors of Cognitive Outcomes in Pediatric Brain Tumor Survivors
- 6 Victoria Seghatol Chronic Health Conditions as a Risk Factor for Memory, Executive, and Adaptive Functioning Difficulty in Pediatric Survivors of Acute Lymphoblastic Leukemia

**Paper Session 12****Mild Cognitive Impairment****Room: 5th Floor, Westside Ballroom Salon 2****Moderator: Kayci Lynne Vickers**

- 1 Marco Calabria Does Bilingualism Impact the Naming Abilities of the Dominant Language in Individuals with MCI?
- 2 Lucia Crivelli Utilizing Artificial Intelligence (AI) Techniques to Decode Healthy Speech Patterns in South America: Study Design and Preliminary Results
- 3 Kristoffer Romero A data-driven, multivariate exploration of subjective cognitive concerns and cultural factors in mild cognitive impairment
- 4 Hailey Kresge Plasma proteomic predictors of domain-specific longitudinal cognitive decline
- 5 Katherine Chang Examining the Role of Self- and Informant-Report in Widely Used Classification Approaches of Mild Cognitive Impairment in Demographically-Diverse Community Dwelling Individuals: Results from the Einstein Aging Study (EAS)
- 6 Susanna Vestberg Subgroups of Mild Cognitive Impairment and Plasma Phospho-Tau217 Predict Dementia with or Without Alzheimer Pathology. A Four Year Follow up of Mild Cognitive Symptoms

**Symposium 12****Beyond Assessment: Integrating Rehabilitation Models into the Neuropsychology of Epilepsy Across the Lifespan and Around the Globe****Room: 5th Floor, Westside Ballroom Salon 3****Chair: Anny Reyes**

- 1 Bruce Hermann Neuropsychology moving to Controlling the Comorbidities of Epilepsy
- 2 Sallie Baxendale Predicting Outcomes and Preparing People with Epilepsy for Surgery: An introduction to the \_\_red flags\_\_ project
- 3 Elaine Kiriakopoulos Title: Clinical Integration of An Evidence Based Self-Management and Cognitive Training Program for Epilepsy
- 4 Aaron Fobian Outpatient treatment of pediatric functional seizures (FS): Retraining and Control Therapy (ReACT)

**Paper Session 13****Pediatric, Child, and Adolescent Neuropsychology****Room: 5th Floor, Westside Ballroom Salon 4****Moderator: Nara Cortes Andrade**

- 1 Amy Heffelfinger Longitudinal Measurement Invariance Analysis for Verbal, Nonverbal, and Adaptive Abilities in a Preschool Sample After Age 8
- 2 Anthony Gioia The Association Between Behavioral Attention and Academic Achievement: A Meta-Analysis
- 3 Nicole Delano Emotional Well-Being in Children with Cognitive Disengagement Syndrome
- 4 Cristin Holland The Effects of Prenatal Acculturative Stress and Discrimination on Offsprings' Developing Functional Connectivity
- 5 Lauren Rossetti Executive Function Outcomes in Children Born Moderate-to-Late Preterm: Systematic Review and Meta-Analysis
- 6 Mary Skapek Theory of Mind and Intellectual Ability as Predictors of Camouflaging Behavior in Autistic Individuals and Individuals who have Lost Their Clinical Autism Diagnosis

3:15–3:30 PM

**Coffee Break****Room: 6th Floor Foyer**

3:30–4:40 PM

**Poster Session 09****Epilepsy | Oncology | MS | Infectious Disease****Room: 6th Floor, Shubert & Majestic Complexes**

## Invited Symposium 4

**Alzheimer's disease: New diagnostic criteria, new treatments, new considerations**

**Room: 6th Floor, Broadway Ballroom**

**Chair: Adam Brickman**

**Presenter(s):**



Adam M. Brickman, PhD  
Columbia University



Ozioma Okonkwo, PhD  
UW-Madison



Thomas Karikari, PhD  
University of Pittsburgh



Jennifer Manly, PhD  
Columbia University

### Learning Objectives:

1. To learn about new NIA-AA diagnostic criteria for Alzheimer's disease
2. To learn the state of blood-based biomarkers for Alzheimer's disease and related disorders
3. Appreciate some caveats in Alzheimer's disease conceptualization and the significance of neuropsychology for advancing equity in AD research

### Summary Abstract:

Alzheimer's disease (AD) was first identified over 100 years ago when Alois Alzheimer used histology techniques to characterize insoluble protein aggregates in postmortem tissue obtained from a patient with presenile dementia. These protein aggregates were later identified as the beta amyloid plaques and neurofibrillary tangles that define the disease pathologically. In the 1980s, formalized diagnostic criteria were codified to unify the field under a single diagnostic framework. The "McKhann criteria" took a neuropsychological approach to characterize a progressive amnesic syndrome coupled with functional decline; a diagnosis of definite AD was only assigned with pathological confirmation of plaques and tangles coupled with evidence of dementia. Guided by the Amyloid Hypothesis, the field advanced quickly to develop CSF and PET biomarkers for amyloid plaques and neurofibrillary tangles, which were incorporated into a new set of diagnostic criteria in 2011 that defined preclinical AD, mild cognitive impairment (MCI), and dementia due to AD. These criteria centered on the severity of symptoms but incorporated biomarkers to complement the neuropsychological diagnostic features. In 2018, a National Institute on Aging (NIA) and Alzheimer's Association (AA) committee formulated a research framework with diagnostic criteria that radically departed from previous iterations. The NIA-AA criteria relied exclusively on biomarker evidence of amyloid and tau pathology to diagnose AD, without a requirement for cognitive impairment. The development of biomarkers continued to advance and new techniques to detect ultra-low protein concentrations in biofluids ushered in a new generation of blood-based biomarkers. In 2023, a new NIA-AA committee proposed AD diagnostic criteria intended to be used in both clinical and research contexts. These criteria operationalize AD as the presence of amyloidosis alone but offer a detailed framework to stage the pathophysiological and clinical severity of AD. The evolution of the diagnostic criteria, biomarkers, and treatment strategies for AD, which focus primarily on removal of amyloid pathology with monoclonal antibodies, has advanced rapidly and define an AD research and clinical landscape centered around biomarkers. The current symposium provides a forum to discuss the recent developments in the conceptualization, diagnosis, and treatment



of AD. Dr. Ozioma Okonkwo, a member of the NIA-AA 2023 working group, will discuss the evolution and current structure of the diagnostic criteria. Dr. Thomas Karikari, an international authority on blood-based biomarkers, will discuss the current state of AD and related biomarkers. Dr. Adam Brickman will contextualize a modern biomarker conceptualization of AD and the role of neuropsychologists in today's research and clinical milieu. Finally, Dr. Jennifer Manly will elucidate the consequences of lack of inclusion of marginalized groups during all stages of development and validation of AD criteria, offer essential components of a framework for a more equitable AD science, and highlight the significance of neuropsychology for advancing equity in AD research. The symposium will encourage dialog among attendees in an open discussion session at its conclusion.

## Symposium 13

**Neuropsychological Research and Clinical Applications with Culturally and Linguistically Diverse Populations**

**Room: 5th Floor, Westside Ballroom Salon 1**

**Chair: Tahlia Bragg**

- 1 Ashley Nguyen-Martinez Current State and Future Directions for Pediatric Neuropsychological Evaluations with Vietnamese Children: A PRISMA Review
- 2 Seima Al-Momani Neuropsychology practice with Arabic speakers: Insights from a systematic review and practical gems from clinical experience
- 3 Melanie Cohn Multiculturalism and reported cognitive change in Parkinson's disease
- 4 Emily Briceno Association between cognitive domain scores and informant-rated cognitive decline across Hispanic/Latino/a/e/x and non-Hispanic white older adults
- 5 Rachel Maina Testing Measurement Invariance Across HIV Groups in a Low Resource Setting Using the Computerized Battery for Neuropsychological Evaluation of Children (BENCI)

## Paper Session 14

**Traumatic Brain Injury**

**Room: 5th Floor, Westside Ballroom Salon 2**

**Moderator: Sallie Baxendale**

- 1 Sarah Raskin Cultural Considerations in Assessment of Brain Injury after Interpersonal Violence
- 2 Hannah Truitt Traumatic Brain Injury Among Individuals Pursuing Treatment for Opioid Use Disorder
- 3 Bailey Petersen Evaluating Cognitive Performance Using the National Institutes of Health Toolbox Cognitive Battery Following Pediatric Traumatic Brain Injury (TBI)
- 4 Jennie Ponsford Evaluating a Novel Cognitive Behaviour Therapy Intervention for Sexuality Changes After Traumatic Brain Injury
- 5 Samantha Vervoordt Depressive? Appressed? Testing a Symptom Cluster Approach to Apathy and Depression in Traumatic Brain Injury Recovery
- 6 Olga Boukrina Neural Mechanisms of Oculomotor Behavior and Their Association with Spatial Neglect in Individuals with Chronic Traumatic Brain Injury.

**Paper Session 15****Neuroanatomy, Neuroimaging, & Neurophysiology****Room: 5th Floor, Westside Ballroom Salon 3****Moderator: Anita Hamilton**

- |   |                     |   |
|---|---------------------|---|
| 1 | Kara Eversole       | Unique Contribution of Brain Age Gap (BAG) in Demographically Adjusted Neuropsychological Test Performance                        |
| 2 | Hugh McFarlane      | Income Moderates the Association Between HbA1c and Cortical Thickness in Middle-Aged Adults.                                      |
| 3 | Stephanie Steinberg | Within-Individual BOLD Signal Variability During Attention and Working Memory in Pediatric Brain Tumor Survivors                  |
| 4 | Jordan Pincus       | Resting-State Functional Network Connectivity in Adolescents and Young Adults with Congenital Heart Disease                       |
| 5 | Hollie Mullin       | Understanding Test-Retest Reliability of Within-Network Connectivity in a Clinical Population: A "Mini" Multiverse Approach       |
| 6 | Shubir Dutt         | Regional Cerebral Perfusion and Plasma Biomarkers of Astrocytic Integrity, Axonal Injury, and Alzheimer's Disease in Older Adults |

**Paper Session 16****Stroke and Cerebrovascular Disorders****Room: 5th Floor, Westside Ballroom Salon 4****Moderator: Roy Kessels**

- |   |                  |  |
|---|------------------|--|
| 1 | Claire Champigny | Neurocognitive Outcomes Following Childhood Intracerebral Hemorrhage   |
| 2 | Stacha Reumers   | Cognitive Impairment Following Cerebellar Stroke: Prevalence and Longitudinal Course   |
| 3 | Evelyn Chang     | Older Adults with Smaller and Less Complex Social Networks Exhibit Deficits in Cerebrovascular Reactivity                                    |
| 4 | Paul Lewis       | Disparities in the Management of Acute Stroke in Latin America: A Systematic Review  |
| 5 | Lieke Jorna      | Mechanisms of Mental Fatigue following Subarachnoid Hemorrhage: a Focus on Processing Speed and Attention                                    |
| 6 | Bianca Bondi     | Looking Across Development: Longitudinal Neurocognitive Trajectories Across Infancy and Early Childhood in Neonatal Arterial Ischemic Stroke |

**Plenary F****Confabulation and Reality Filtering****Room: 6th Floor, Broadway Ballroom****Introduction by: Jon Evans****Presenter(s):**

**Armin Schnider, MD**  
University Hospitals of Geneva

Armin Schnider studied medicine at the University of Basel/Switzerland. He then specialized in neurology in Bern, Zürich, and Los Angeles. Since 1998, he is the chairman of the Division of neurorehabilitation at the University Hospitals of Geneva and full professor of neurorehabilitation at the University of Geneva. His research has mainly concerned the field of behavioral neurology, with an emphasis on memory disorders. For almost 30 years, he has studied the clinical phenomena of confabulation and disorientation, leading to the discovery of a mechanism necessary to synchronize behavior with ongoing reality: orbitofrontal reality filtering (ORFi). He is the author of numerous scientific articles on this topic and of a monograph reviewing the history and current concepts of confabulation and false memory: "The Confabulating Mind. How the Brain Creates Reality" (2nd edition, Oxford University Press 2017).

**Learning Objectives:**

1. Recognize behaviorally spontaneous confabulation among diverse forms of confabulation
2. Describe the role of the orbitofrontal cortex for confabulation and the sense of true present reality
3. Formulate future research questions on confabulation

**Summary Abstract:**

Confabulation has been described as "the emergence of memories of events and experiences which never took place" (Wernicke 1900). Most confabulations are verbal statements reflecting a confusion of memories, but with no impact on behavior. This is different for behaviorally spontaneous confabulation (BSpC), a rare form in which patients -at least intermittently- act according to their false ideas. BSpC may emanate from a Wernicke-Korsakoff syndrome or focal damage to the orbitofrontal cortex or its connections due to aneurysm rupture, traumatic brain injury, tumor resection or other causes. In most cases, patients enact premorbid habits, such as, going to work. Testing of orientation shows that they fail to correctly perceive true ongoing reality and their current role and tasks. Thus, BSpC constitutes a natural model for how the brain filters out ongoing reality in thinking to distinguish it from fantasies and daydreams. This talk reviews 30 years of research exploring the mechanisms underlying this capacity, which we now call "Orbitofrontal Reality Filtering, ORFi". Evidence from cognitive experimentation, imaging, and electrophysiology with brain-lesioned and healthy subjects will be presented that indicates that ORFi is a pre-conscious process, which depends on an extinction signal from the posterior medial orbitofrontal cortex (area 13), produced when a thought finds no correlate in the present reality.



Saturday February 17

PROGRAMMING

7:00–7:20 AM

**CE Workshop Breakfast**

For registered workshop attendees ONLY

7:20–8:50 AM

**CE Workshop 11**

**The Role of the Neuropsychologist in Alzheimer's Disease Biomarker Testing & Disclosure: Ethical, Cultural, and Practical Considerations**



Room: 5th Floor, Westside Ballroom - Salon 2

Introduction by: Ben Hampstead

Presenter(s):



Annalise Rahman-Filipiak, PhD  
University of Michigan

**Learning Objectives:**

1. Describe current approaches to biomarker disclosure including evaluating fitness and decisional capacity for biomarker testing, pre-test education, feedback practices, and risk evaluation and management.
2. Be aware of cultural considerations for disclosure, including how limited diversity in past AD biomarker development and disclosure studies may limit translation.
3. Describe the major ethical and practical considerations associated with biomarker testing and disclosure, as well as potential solutions or best practices.

**Summary Abstract:**

Novel biomarker testing for Alzheimer's disease (AD) represent a critical opportunity to identify and treat individuals at risk for AD and related dementias (ADRD) earlier in the disease process – in some cases, before symptoms arise. The potential impact of early detection is even greater for individuals from minoritized ethno-racial groups, who receive a clinical diagnosis less often and later despite having higher prevalence of AD. While learning one's AD biomarker results may offer access to disease-modifying therapies and other treatments, motivate health behavior and lifestyle change, and support advance planning, it may also precipitate psychological distress, stigma, and medicolegal discrimination. Furthermore, practice guidelines, tools, and protocols for biomarker disclosure are still in development. In light of the rapid translation of AD biomarker testing from research settings to clinical and direct-to-consumer applications, significant ethical, cultural, and practical issues must be addressed. Neuropsychologists may be uniquely trained to meet these challenges and are likely to play a critical role in the scientific study and clinical application of AD biomarker disclosure.

**CE Workshop 12**

**Leveraging Non-invasive Brain Stimulation for Neuropsychology Research: Transcranial Magnetic Stimulation for Remediating Disordered Cognition and Emotion**

Room: 5th Floor, Westside Ballroom - Salon 4

Introduction by: Sam Crowley

Presenter(s):



Lisa M. McTeague, PhD  
Medical University of South Carolina

**Learning Objectives:**

1. Describe 3 different types of rTMS pulse patterns and how they affect targeted brain regions.
2. Identify the most common and significant safety concerns with rTMS.
3. Critically evaluate recent clinical trials of rTMS in neuropsychology in terms of dosing schedules.

**Summary Abstract:**

Repetitive transcranial magnetic stimulation (rTMS) is a noninvasive brain stimulation method using pulses of electromagnetic stimulation applied to superficial cortical regions to activate or inhibit underlying brain regions such as the dorsolateral prefrontal cortex (DLPFC). For example, with repeated stimulation sessions over the DLPFC, rTMS has been shown to remediate numerous transdiagnostic impairments and is FDA approved for refractory depression, obsessive-compulsive disorder, and smoking cessation. In the case of neuropsychology research, the application of rTMS is still an emerging technique but has shown promise in remediating cognitive and affective impairments in a range of conditions including mild to moderate cognitive impairment, dementia, Alzheimer's and Parkinson's Diseases. Importantly, rTMS can be tailored to almost any cognitive-affective impairment for which the network substrates could be accessed via connections to superficial cortical nodes. As such, the possibilities for personalizing treatment are vast. Not surprisingly, new and promising indications emerge daily. In this workshop I will review the different types of rTMS and the ways in which these have been utilized in neuropsychology research. I will begin with a review of the basic mechanisms of rTMS, followed by trial design considerations including variations in pulse patterns, sham control, dosing, and targeting heuristics as well as outcomes in behavioral and imaging measures. Special emphasis will be placed on reviewing safety and consensus-based guidelines for best practice. I will also discuss the advantages as well as disadvantages of rTMS in relation to other forms of non-invasive brain stimulation.

8:30 AM–12:15 PM

Exhibit Hall Open

Room: 6th Floor Foyer

9:00–10:15 AM

**Poster Session 10**

Neurodevelopmental | Congenital Conditions

Room: 6th Floor, Shubert &amp; Majestic Complexes

9:00–10:30 AM

## Invited Symposium 5

### Online and Remote Cognitive Assessment in Ageing and Neurodegeneration

**Room:** 6th Floor, Broadway Ballroom**Chair:** Michael Hornberger**Presenter(s):**

Michael Hornberger, PhD  
Norwich Medical School,  
University of East Anglia, UK



Kate Possin, PhD  
University of California, San Francisco



Jason Hassenstab, PhD  
Washington University in St. Louis

**Learning Objectives:**

1. Learn about existing online and remote cognitive testing platforms for ageing and neurodegeneration
2. Explain current advantages and drawbacks of online and remote cognitive testing platforms
3. Explore future ways to collect large normative data for better personalised cognitive profiling

**Summary Abstract:**

Online and remote cognitive assessments are becoming increasingly popular since they allow conveniently establishing baseline cognitive profiles as well as monitoring cognitive changes over time. This is particularly true for ageing and neurodegenerative populations, which often require the establishment of cognitive trajectories over time to detect incipient and prodromal cognitive changes. However, challenges for online and remote cognitive assessments remain, such as a lack of validation data to date and having less control over the actual cognitive assessment progress. Despite these challenges, we believe that online and remote cognitive assessments are the way forward for cognitive assessments in the future and will provide neuropsychologists with a further toolbox complementing their in-person cognitive evaluations. This symposium will present 3 different toolboxes aimed at online and remote cognitive assessments in ageing and neurodegenerative conditions. We will discuss the advantages and drawbacks of these online cognitive platforms. Finally, we will highlight some new approaches to collect large normative cognitive data via online and gamified methods to improve future detection and monitoring of cognitive changes in ageing and neurodegeneration.

## Symposium 14

### Advances in cognitive screening and neuropsychological assessment of cognitive decline and dementia in individuals with low education/low literacy levels

**Room:** 5th Floor, Westside Ballroom Salon 1**Chair:** Unai Diaz-Orueta

1 Dawn Higgins

Establishing a framework for neuropsychological assessment of cognitive decline and dementia for low literacy, marginalized communities such as the Travelling Community in Ireland: insights from clinicians and target individuals.



2 Unai Diaz-Orueta

Searching for the ideal selection of cognitive screening tasks for early detection of cognitive decline in older individuals with low literacy: findings from older populations in southern Spain

3 Jiaqing Zhang

Mitigating Bias in Machine Learning-based Cognition Classifier for Low-Education Participants

4 T. Rune Nielsen

Developing neuropsychological tests for individuals who are illiterate – the issue of ecological relevance

## Paper Session 17

### Multiple Sclerosis

**Room:** 5th Floor, Westside Ballroom Salon 2**Moderator:** Ruchika Prakash

1 Leila Simani

What is the Best Option for Patients with Multiple Sclerosis: Anodal tDCS, Cognitive Training, or a Combination of the Two? A Randomized, Double-Blind, Parallel-Group Study

2 Daliah Ross

Effects of White Matter Integrity and Lesions on Verbal Memory in Aging with Multiple Sclerosis

3 Ashley Nguyen

Clinical Utility of Brief Screening Measures During Neuropsychological Consultation for Pediatric Onset Multiple Sclerosis

4 Hanaan Bing-Canar

Revisiting the Cognitive Profile of Multiple Sclerosis in the Modern DMT Era

5 Fareshte Erani

Evaluating Value: The Dorsal Anterior Cingulate Cortex May Mediate Cognitive Fatigue in Multiple Sclerosis

6 John DeLuca

Influence of Cognitive Impairment on Everyday Life Activity in Multiple Sclerosis

## Paper Session 18

### Neuromedical Disorders

**Room:** 5th Floor, Westside Ballroom Salon 2**Moderator:** Skye McDonald

1 Knut Hestad

HIV Viral Load, CD4 count, and Pulmonary Tuberculosis as Predictors of Neurocognitive functioning in HIV 1 Clade C among Zambian Adults

2 John Keilp

Correlates and Predictors of Subjective Cognitive Complaints in Post-Treatment Lyme Disease

3 Jessica Pommy

Older Adults with Long COVID Exhibit Altered Cerebrovascular Reactivity along Resting-State Functional Networks

4 Douglas Whiteside

Performance Validity, External Incentives, and Cognitive Functioning in Long COVID

5 David Marra

Cognitive Outcomes Following COVID-19: A Meta-analytic Review

6 Rachel Maina

Testing Measurement Invariance Across HIV Groups in a Low Resource Setting Using the Computerized Battery for Neuropsychological Evaluation of Children (BENCI)

9:00–10:30 AM (continued)

**Paper Session 19**

**Other Dementias**

**Room: 5th Floor, Westside Ballroom Salon 4**

**Chair: Olivier Piquet**

- 1 Roy Kessels      What is Korsakoff’s syndrome? The Case for an Extended Definition
- 2 Milena Contreras      The Impact of Cognitive and Behavioural impairments on Mental Capacity to Make Treatment Decisions in ALS- Frontotemporal Spectrum Disorder
- 3 Jenna Groh      Long-Term Health Outcomes of Former College Athletes from Kent State University
- 4 Hannah Hagy      Reliable Change and comorbidities in predicting shunt placement in idiopathic normal pressure hydrocephalus
- 5 Alyssa Macomber      Differential Vulnerability of Von Economo Neurons to FTLT-tau Species

10:30–10:45 AM

**Coffee Break**

**Room: 6th Floor Foyer**

10:45 AM–12:00 PM

**Poster Session 11**

**Cultural Neuropsychology | Education/ Training | Professional Practice Issues**

**Room: 6th Floor, Shubert & Majestic Complexes**

10:45 AM–12:10 PM

**Symposium 15**

**Risk Factors for Cognitive Decline Among Representative Samples: Baseline Findings from the U.S. POINTER Study**

**Room: 6th Floor, Broadway Ballroom**

**Chair: Kate Papp**

- 1 Kathryn Papp      Development and validation of the modified Neuropsychological Test Battery (PmNTB) and associations with cardiovascular and Alzheimer’s disease biomarkers in the U.S. POINTER study
- 2 Athene Lee      Cognitive dispersion may help identify early cognitive changes and associate with Alzheimer’s disease biomarkers in the U.S. POINTER study
- 3 Sarah Farias      Prevalence and type of subjective cognitive decline among participants at baseline and their relationship to cognition and other factors
- 4 Bonnie Sachs      Relationship between subjective cognitive concern and engagement in physical, cognitive and social activity in the U.S. POINTER Study
- 5 Kristin Krueger      Depressive symptoms were related to processing speed in older adults, but not to blood biomarkers in the U.S. POINTER trial at baseline

**Paper Session 20**

**Training/Education and Professional Practice issues**

**Room: 5th Floor, Westside Ballroom Salon 1**

**Chair: Amanda Gooding**

- 1 Jacob Varela      A survey of neuropsychological assessment feedback practices among neuropsychologists
- 2 Naddley Desire      Embedding EDI-Informed Principles in Neuropsychology Practice and Education: Learnings and Implications from the I-Interact North Online Parent Intervention Program
- 3 Stephanie Torres      Collaborative Health Initiative for Spanish and Multicultural Education (CHISME): Closing the Gap in Spanish-Language Neuropsychology Training in the United States
- 4 Ashlynn Steinbaugh      The Current State of Neuropsychological Training and Clinical Practices with Asian American Patient Populations
- 5 Simon Beaulieu-Bonneau      The Use of Mobile Technology in Neuropsychology: A Survey of Clinicians and Trainees in Québec, Canada
- 6 Rachel Murley      Feelin’ the Burnout: The Current Experience of Burnout Among Professional Neuropsychologists

**Paper Session 21**

**Teleneuropsychology and Technology**

**Room: 5th Floor, Westside Ballroom Salon 2**

**Chair: Alysa E. Doyle**

- 1 Katherine Stypulkowski      Participant Outcomes of a Pilot Telehealth Compensatory Cognitive Training Program
- 2 Moira Mckniff      Novel Smartphone Application Assists Older Adults with Mild Cognitive Impairment and Dementia with Completion of Everyday Tasks and Reduces Care-Partner Burden
- 3 Cindy Nowinski      Implementing a Digital Cognitive Screening Paradigm (MyCog) in Primary Care
- 4 Sydney Sullivan      Psychometric Properties of the Rhode Island Mobile Cognitive Assessment Tool
- 5 Sophia Holmqvist      Preliminary validation of a commercially available smartwatch for the clinical assessment of health and psychosocial risk factors for dementia
- 6 Sarah MacPherson      A comparison between computerised versus immersive virtual reality assessment of working memory and processing speed

**10:45 AM–12:10 PM (continued)****Paper Session 22****Concussion****Room: 5th Floor, Westside Ballroom Salon 3****Chair: Alysa E. Doyle**

- |   |                  |  |
|---|------------------|--|
| 1 | Opio Lopai       | Comparison Group Selection for Studies of Gray Matter Macrostructure Following Pediatric Mild Traumatic Brain Injury                     |
| 2 | Anthony Kontos   | Predictors of Changes in Multidomain Clinical Outcomes in Older Adults following Concussion  |
| 3 | Elena Polejaeva  | Surveillance of Race/Ethnicity Data of Sustained TBI Within the United States and Representation Within a National TBI Research Database |
| 4 | Adrian Onicas    | Longitudinal Brain Network Functional Connectivity Changes in Pediatric Concussion: An A-CAP Study                                       |
| 5 | Anna Croghan     | Reliable Change in Inflammatory Biomarkers Following Sport-Related Concussion: A CARE Consortium Study                                   |
| 6 | Dominique Dupont | A Developmental Approach to Identifying Post-Concussive Symptoms in Early Childhood Concussion   |

**12:15–1:10 PM****Plenary G****The Neuropsychology of Bilingualism: How Language Experience Modifies Brain Function****Room: 6th Floor, Broadway Ballroom****Introduction by: Melissa Lamar****Presenter(s):**

Ellen Bialystok, PhD  
York University

Ellen Bialystok is a Distinguished Research Professor of Psychology at York University. She is an Officer of the Order of Canada and a Fellow of the Royal Society of Canada. Her research uses behavioral and neuroimaging methods to examine the effect of bilingualism on cognitive processes across the lifespan. Her discoveries include the identification of differences in the development of cognitive and language abilities for bilingual children, the use of different brain networks by monolingual and bilingual young adults performing cognitive tasks, and the postponement of symptoms of dementia in bilingual older adults. Recent studies have investigated the effects of bilingual education on children's development and the cognitive and brain consequences of bilingualism in older adults. Her current research is examining how lifelong bilingualism may be protective for cognitive decline in older age and contribute to cognitive reserve.

**Learning Objectives:**

1. Recognize the complexity of bilingualism as a multidimensional experience
2. Understand the modifications in brain organization that are associated with bilingual experience
3. Evaluate the relation between language use and changes to brain function

**Summary Abstract:**

Substantial evidence from across the lifespan points to modifications in cognitive ability for bilingual individuals performing tasks requiring attentional control, typically described as "executive function". At the same time, some research, particularly behavioral studies with young adults, fail to detect these differences raising questions about the reliability of the claim. However, research using neuroimaging has uncovered underlying modifications to brain networks

attributable to bilingual experience and helps to understand why the behavioral effects occur and why they sometimes do not.

I will review two types of related evidence that demonstrate how bilingual brains differ from those of monolinguals and connect those brain differences to reported behavioral differences. First, studies using electroencephalography (EEG) with young adults and functional magnetic resonance imaging (fMRI) with older adults have shown that the resting state of bilingual brains has better intrinsic functional connectivity than does that of monolinguals. For older adults, the intrinsic connectivity found for bilinguals is similar to that found for younger adults in that it shows network differentiation, whereas older monolinguals show the more typical age-related de-differentiation. Differentiation is generally associated with better cognitive performance.

Second, studies using EEG with young adults and fMRI with older adults have shown that bilingual brains require less effortfulness than monolingual brains to achieve similar cognitive outcomes.

Young bilinguals outperformed monolinguals on an n-back task as the demands increased and required less attentional effort as indicated by P3 waveforms; older bilingual performed similarly to monolinguals on a set of tasks despite having significantly less cortical volume and white matter integrity. Together, these types of evidence point to a more efficient brain for bilinguals that can be traced to their language experience. In both cases, behavioral effects are only expected to occur when the attentional demands are challenging and not for simple tasks, a prediction consistent with existing evidence.

Why does this reorganization happen? Early explanations based on adult studies focused on the joint activation of the two languages during bilingual speech processing that led to the need to inhibit the non-target language, increasing the need of selective attention. However, research with infants has shown that preverbal babies in the first year of life being raised in bilingual environments have better control over attention than do those being raised in monolingual environments. Language inhibition cannot account for these results. We know that infants in the first year can distinguish between languages in the environment. The interpretation, therefore, is that the complex bilingual linguistic environment requires increased attentional control and that this control is demonstrated as better selective attention on nonverbal tasks, creating a basis for subsequent modifications in attention networks. Research investigating the functional activity in infant brains is needed to confirm this interpretation and understand more clearly how language environments modify brain networks.

**1:15–1:30 PM****Closing Ceremony****Room: 6th Floor, Broadway Ballroom**

Wednesday February 14

2:30 PM–3:45 PM

## Poster Session 01

### Cognitive, Psychotherapeutic, and Psychosocial Intervention/Rehabilitation

Room: 6th Floor, Shubert & Majestic Complexes

1	Tricia Williams	Innovative Approaches to Neuropsychological Care: Transcending Diagnoses and Borders of Practice	25	Daya Grewal	Efficacy of rTMS on Memory Enhancement in Older Adults with Traumatic Brain Injury: A Randomized Clinical Trial
2	Cynthia Austin	Post-Evaluation Consultation: Examining Parent Outcomes and Family Barriers	26	Karl Grewal	Integration of Technology with Cognitive Rehabilitation for an Individual with Dementia and Their Care Partner
3	Kelly McNally	Added Value of Brief Cognitive Behavioral Therapy in Multidisciplinary Care for Youth with Persistent Post-concussion Symptoms.	27	Małgorzata Gut	Effectiveness of the Cognitive Training with the use of the Mathematical Computer Game in Children with Dyscalculia Risk
4	Carly Goodman	One-Year Follow-Up of the I-INTERACT-North Transdiagnostic Parenting Program for Children at Neurological Risk: Who Fares the Best?	28	Kassidy Hogan	Improvements in Verbal Memory Following a Piano Training Intervention in Older Adults at Risk for Dementia
5	Angela Deotto	Prioritizing Patient-Oriented Research in Neuropsychological Services: Capturing Parent and Stakeholder Feedback to Guide the future of I-INTERACT-North	29	Ila Iverson	Social Determinants of Health and Health Equity in the Treatment and Rehabilitation of Sport-Related Concussion: A Content Analysis of Intervention Research
6	Maral Aghvinian	Treatment preferences among Veterans with TBI: A mixed-methods pilot study	30	Gweny Janssen	Feasibility and Efficacy of a Cognitive-Behavioral Based Intervention for Relapse Prevention in Patients with Mild to Moderate Alcohol-Related Cognitive Disorders: a Pilot Study
7	Whitney Allen	Testing the Effects of Transcranial Photobiomodulation (tPBM) on Cognitive and Motor Function in NCAA American Football Players: A Randomized Sham-Controlled Pilot Study	31	Noga Katz	Is Computerized and VR Cognitive Remediation Effective for Cognition and Everyday Functions? A Systematic Review for Adults with Acquired Brain Injury
8	Idania Arias	Tailored Education for Aging and Cognitive Health [TEACH]: Development of a Personalized Health Education Intervention for Alzheimer's Disease Prevention in Midlife	32	Lakia Kearson	Fine Motor Skills in Patients with Sickle Cell Disease
9	Jason Bailie	Impact of Cognitive Rehabilitation on Military Performance for Service Members with a History of Mild Traumatic Brain Injury	33	Amber Keller	Long-term Rehabilitation Outcomes Following Compensatory Cognitive Training for Unstably Housed Veterans with Mental Health Conditions
10	John Bernstein	Value of a Familiarization Session for the Adaptive Tracking Task in Interventional Clinical Trials	34	Amanda Kenepf	Math and Visuospatial Skills Among Females with Fragile X Premutation: A Cross-Sectional Analysis
11	Emanuel Boutzoukas	Effects of combined cognitive training and transcranial direct current stimulation (tDCS) on self-reported everyday function in older adults	35	Hisatomo Kowa	Effects of an 18-month multimodal intervention on cognitive function (J-MINT PRIME Tamba): A randomized controlled trial
12	Megan Bradson	Internet-Delivered Cognitive Behavioral Therapy Improves Neurovegetative Symptoms and Positive Affect in Persons with Multiple Sclerosis: Preliminary Results from a Randomized, Controlled Phase III Clinical Trial	36	Jessica Kraft	The Impact of a tDCS and Cognitive Training Intervention on Task-Based Functional Connectivity
13	Marios Constantinou	CBT Improves Mild Cognitive Impairment	37	Anke Loijen	Alcohol Avoidance Training (AAT), a Neurocognitive Perspective: Relation Between Explicit Memory Functioning and the Modification of Alcohol-Approach Tendencies.
14	Jade Dandurand	Moderators of Cognitive Processing Speed Changes Following a Piano Training Intervention in Older Adults at Risk for Dementia	38	Spencer Loong	The Role of Premorbid Functioning in Predicting Memory Outcomes After Memory Training
15	Andrew Darr	Brain Games for Brain Injury: Use of Computerized Cognitive Training Programs for Treating Chronic Symptoms in Service Members with Mild TBI	39	HSUEH CHEN LU	Effectiveness of Heart Rate Variability Biofeedback Intervention in Treating Post-Concussion Symptoms Within Three Months After Mild Traumatic Brain Injury
16	Ross Divers	Psychosocial Predictors of Everyday Compensatory Strategy Use in Older Adults	40	Hsueh Chen Lu	The Effectiveness of Mindfulness-Based Relapse Prevention in Improving Cognitive Flexibility and Decision Making for Methamphetamine Addicts: A Pilot Study
17	Pawanrath Duke	Music Therapy for Dementia Patients: A Systematic Review	41	Haroon Malik	Examining Biological Sex and Depression as Potential Moderators for Specific Emotion-Regulation (ER) Strategies in Older Adults
18	Loida Esenarro	Perspective of Users of a Remote Cognitive Stimulation Programme in Healthy Older Adults.	42	Valerie Medinaa	Exploring Tailored Exercise Interventions in Older Adults to Improve or Maintain Cognition
19	Nicole Evangelista	The Impact of Cognitive Training and Transcranial Direct Current Stimulation on Dorsolateral Prefrontal Compensatory Scaffolding	43	Kritika Nayar	Neurocognitive-Based Visual Attention and Linguistic Mechanisms of Change: A Multi-Method, Randomized Control Trial of a Social-Cognitive Intervention Program in Autistic Youth
20	Abigail Farrell	Effects of a Mind Wandering Intervention for Reading and Math	44	David Negelspach	Emotional Intelligence Training Effects on Alexithymia within a Military Sample
21	Anisa Garrett	The Effect of Psychotherapy on Cognitive Functioning in Patients with Alzheimer's	45	David Negelspach	Emotional Intelligence Training Effects on Interoceptive Awareness Within a Military Sample
22	Allyson Goldstein	Compensatory Strategy Interventions Among Cognitively Impaired Older Adults: What do Patients Want and Why?	46	Emily Pregmon	An Online Mindfulness-Based Intervention for Children with ADHD: A Feasibility Study
23	Palmer Grabner	Expressive Suppression Emotional Regulation Strategies are Reduced by Emotional Intelligence Training	47	Pranav Reddy	Aerobic Exercise and Phono-Motor Therapy: A Hybrid Paradigm for Reading Rehabilitation in Aphasia
24	Palmer Grabner	Suicide Potential Reduced by Emotional Intelligence Training in Active-Duty Servicemembers	48	Melissa Reigh-Fuehrer	Emotional Intelligence Training Effects on Aggression in Active-Duty Military Servicemembers
			49	Melissa Reigh-Fuehrer	Emotional Intelligence Training Effects on Burnout within Active-Duty Military Servicemembers
			50	Keri Rosch	Developmental Changes in Intrasubject Variability and Cortico-Striatal Functional Connectivity in Youth with ADHD
			51	Keri Rosch	Mindful Movement Intervention in an Urban Public School Setting is Associated with Improvements in Social-Emotional, Behavioral, Motor and Cognitive Control
			52	Pritha Roy	Tele-Cognitive Training on Patients with Stroke: Preliminary Findings from a Feasibility Study
			53	Shira Russell-Giller	Preliminary Examination of Attention in Girls and Women with a Fragile X Premutation Allele



# POSTER SESSIONS 1-2

54	Kate Shirley	An Examination of Clinically Meaningful Change Among Veterans with Mild Traumatic Brain Injury Following Compensatory Cognitive Training
55	Lidy Smit	Enhancing Social-Emotional Functioning in Adolescents with Developmental Language Disorder or Deaf or Hard of Hearing through a Theory Of Mind Intervention.
56	Leah Talbert	Evaluating the Efficacy of Transcranial Photobiomodulation (tPBM) on Concussion Symptom, Emotional, and Sleep Outcomes Across a Season for NCAA Division I American Football Athletes: A Randomized Sham-Controlled Pilot Study
57	Morgan Tallman	Cognitive and Emotional Benefits of the Mindful Aging Memory (MAM) Skill Group: An Anonymous Focus Group Survey with Low Income Older Adults
58	Lexie Thomas	Case Study: Stellate Ganglion Block Combined With Cognitive-Behavioral Therapy for Improved PTSD Symptom Management
59	Kaitlyn Tobin	The Association between Functional Status and Adherence to Compensatory Strategy Training in Individuals with Mild Cognitive Impairment
60	Catherine Tocci	Cognitive Rehabilitation of Attention-Control in TBI: A Randomized Cross-Over Pilot Trial
61	Lynley Turkelson	Awareness with Nonjudgement: The Role of Mindful Acceptance in Improving Mind-Wandering
62	Ariel Zucker	Autistic Traits and Co-Occurring Psychiatric Symptoms in Children with the Fragile X Premutation

17	Anthony Corroero	Lower Learning Ratios Among Amnesic Versus Nonamnesic Subclassifications
18	Elizabeth Cousins-Whitus	Burden and Positive Aspects of Caregiving: A Cluster Analysis of Dementia Caregiving Experiences
19	Katrail Davis	What Drives Interest in Dementia Awareness and Prevention Programs?
20	Devon Delaney	The Differential Effects of Neuroinflammatory Proteins on BIPOC and WNH Veterans with Amnesic MCI
21	Stephen Docherty	Neuropsychiatric Symptoms Scores Do Not Differ with Nursing Home Placement
22	Madelyn Eckel	Using the Drift Diffusion Model to Investigate the Relationship of Alzheimer's Disease Biomarkers with Impaired Older Adults' Performance on a Paired Associates Task
23	Emily Edmonds	Data-driven Classification of Cognitively Normal and Mild Cognitive Impairment Subtypes Predicts Progression in the NACC Dataset
24	Lauren Edwards	Pulse Wave Velocity Interacts with APOE Genotype and Alzheimer's Disease Biomarker Status to Predict Cognitive Decline in Older Adults without Dementia
25	Alexander Eisenstein	Figure copy and recall differentiate Dementia with Lewy Bodies (DLB) and Posterior Cortical Atrophy (PCA)
26	Lena Etzel	Practical Judgment and Insight into Memory Functioning are not Associated in MCI
27	Roberta Ferrucci	Reliable indices of change in verbal language competence in Parkinson's disease patients at 12-month intervals after subthalamic deep brain stimulation surgery
28	Emma Flynn	Comparing the Clinical Dementia Rating (CDR) to Neuropsychological Assessments in Persons with Mild Cognitive Impairment
29	Amanda Gonzalez	Associations of Objectively-Defined Subtle Cognitive Decline and CSF GAP-43: Impact of GAP-43 on Functional Trajectories
30	Christopher Gonzalez	Exploring the Neuropsychiatric Inventory Questionnaire Domains Across Diagnostic Categories: Findings from the National Alzheimer's Coordinating Center
31	Christopher Gonzalez	Investigating a Four-Factor Behavioral and Neuropsychiatric Model for Assessing the Severity of Dementia: Findings from the National Alzheimer's Coordinating Center
32	Taryn Gordon	Sex differences in the Association Between Neuroinflammatory Markers and Cognitive Performance in Autosomal Dominant Alzheimer's Disease
33	Shannon Harris	Sex Differences of Neuropsychiatric Symptoms in Amyloid-Positive Early-Onset Alzheimer's Disease
34	Nanako Hawley	Sex Differences in the Rate of Decline in Activities of Daily Living in Individuals Diagnosed with Mild Cognitive Impairment and Alzheimer's Disease
35	Audrey Hazamy	The Effects of Dual-tasking on Discourse Level Verb Production in Parkinson's Disease
36	Angela Hickman	Daily Task Performance, Memory, and Executive Functioning as Predictors of Older Adults Life Space
37	Zachariah Hoell	Working Memory Task Induced Hemodynamic Abnormalities in Positive and Negative Activations in Patients with Mild Cognitive Impairment
38	Olivia Horn	Close Relationships and Cohabitation Improve the Prognostic Utility of Informant-Rated Symptoms for Predicting Cognitive Decline
39	Mariam Hovhannisyan	A novel scoring protocol for assessing unprompted imaginative thinking in young and older adults
40	Ella Jennings	Effects of Delusions and Hallucinations on Cognitive Functioning in Alzheimer's Disease
41	Jessie Jenson	Deficits in Emotional Face Processing as an Early Marker of Subjective Cognitive Decline: Preliminary Results
42	Kylie Kadey	Examining Age- and Alzheimer's Disease Risk-Related Performance on a Stimulus Equivalence Task
43	Yeonwook Kang	Effect of Education on the Usefulness of the Montreal Cognitive Assessment Total and Index Scores
44	Tatiana Karpouzian-Rogers	Association between NIH Toolbox Measures and Informant-Report Functional Abilities in Mild Cognitive Impairment and Dementia of the Alzheimer Type
45	Allegra Kawles	Stathmin-2 (STMN2) as a Potential Substrate of Cytoskeletal Integrity in Cognitive SuperAgers
46	Greta Keller	LAS-Face- Name Associative Memory Exam: Discriminant validity for the detection of

## Thursday February 14

8:00-9:15 AM

### Poster Session 02

#### Aging | MCI | Neurodegenerative Disease - PART 1

#### Room: 6th Floor, Shubert & Majestic Complexes

1	Jorge Alcina	Associations Among Loneliness, Subjective and Objective Cognitive Decline in Community-Dwelling Older Latinos
2	Sana Arastu	An Examination of Differences in Caregiver Experiences by Race/Ethnicity
3	Sonakshi Arora	Does Fear of Alzheimer's Disease Influence Women's Perception of their Memory Capabilities?
4	Isabelle Avildsen	Serial Position Effect Profiles and Their Neuroanatomical Correlates in Healthy Controls and Mild Cognitive Impairment
5	Martina Azar	Characterizing the Multi-Dimensional Factors which Contribute to SCD
6	Alexandra Bengoa	Pre-Operative Deep Brain Stimulation Cognitive Comparisons of Parkinson's Disease and Essential Tremor Patients
7	Anika Bhatia	The Relationship of Cognitive Intraindividual Variability to Psychiatric Symptoms in Older Adults With and Without Objective Cognitive Impairment and Subjective Cognitive Decline
8	Kyra Bonta	Associations Among APOE Genotype, Plasma Neurofilament Light Chain (NFL) and Cognition in Autosomal Dominant Alzheimer's Disease
9	Maria Bordyug	Intraindividual Cognitive Variability is Associated with Cross-sectional and Longitudinal Tau Burden
10	Warren Brown	Emotional Perception Abilities of Music for Individuals with Agenesis of the Corpus Callosum
11	Alicia Burgei	Are There Distinct Memory Impairment Patterns in Amnesic Mild Cognitive Impairment?
12	Alison Chung	Exploring Well-Being and Cognitive Status at Death as Moderators of the Time-Varying Association Between Parkinsonism and Cognitive Function
13	Emma Churchill	Evaluating a novel visuospatial-tracking virtual reality test in older adults with and without
14	Maria Florencia Clarens	Neuropsychological Characteristics of a PSEN 1 Variant in the DIAN Argentina Cohort
15	Hilary Clark	The Sequencing Sign: A Unique Dementia Phenomenon
16	Astrid Coleman	Examining the Relationship Between Metamemory and Event Memory Performance Across Adulthood

# POSTER SESSION 2 (continued)

	associative memory disorders in people with mild cognitive impairment in Argentina.	77	Winston Qin	A Prospective Study of Midlife Dietary Total Fat Intake and Subjective Cognitive Complaints Among Older Women
47	Lauren Kenney			Clinical Utility and Factor Structure of the Functional Activities Questionnaire (FAQ) in a Sample of Hispanic Adults Affected by Behavioral Variant Frontotemporal Dementia (bvFTD)
48	George Kent		78	Nathan Ramirez
49	Youssef Khattab		79	Amtul-noor Rana
50	Shraddha Kinger		80	Carli Roberson
51	Mary Kosmidis		81	Janelli Rodriguez
52	Carl Krynicki		82	Jessica Romano
53	Natalie Kurniadi		83	Dania Salman
54	Taylor Lambertus		84	Victoria Sanborn
55	Ann Lee		85	Bobbey Sanders
56	Ji Soo Lee		86	Adriana Savettiere
57	Xingzi Li		87	Isabel Sible
58	Stacey Lipio Brothers		88	Jasman Sidhu
59	Dona Locke		89	Jasman Sidhu
60	Francesca Lopez		90	Jasman Sidhu
61	Elizabeth Malkin		91	Jasman Sidhu
62	Myjae Maloy-Robertson		92	Cassandra Smith
63	Anat Marmor		93	Marilyn Steinbach
64	John Martin		94	Jennifer Stinson
65	Nicole McClure		95	Shelby Stohلمان
66	Kimberly Miller		96	Julianne Szemko
67	Luke Miller		97	Stephanie Torres-Ramos
68	Stacey Moeller		98	Laura Glass Umfleet
69	Eliza Morgan		99	Jalyn Underwood
70	Cynthia Munro		100	Baylee Van Winkle
71	Alyssa Nett		101	Anna VandeBunte
72	Stephanie Nitschke		102	Rafael Vignoli Lippert
73	Deyran Paredes		103	Alyssa Weakley
74	Nicholas Picanso		104	Daniel Weitzner
75	Olivier Piguet		105	Nicole Whiteley
76	Kendra Pizzonia			

# POSTER SESSIONS 2-3

106	Yumiko Wiranto	The Cognitive, Age, Functioning, and APOE4 (CAFE) Scorecard to Predict the Development of Alzheimer's Disease
107	Robbie Wong	The Relationship between Subjective Cognitive Decline (SCD) and Objective Neuropsychological Testing at 3-6 Months, 12 Months, and 24 Months post-SAR-COV-2 Hospitalization
108	Mairy Yousif	How Well do Your Family Members Know you? The Relationship Between Informant-Report and Cognitive Performance of Older Adults

9:30-10:40 AM

## Poster Session 03

### Neurotrauma | Neurovascular

Room: 6th Floor, Shubert & Majestic Complexes

1	Kathy Chiou	Invisible Injuries: Screening, Assessment, and Rehabilitation of Traumatic Brain Injury in Vulnerable Populations
2	Carrie Esopenko	Screening for Intimate Partner Violence-Related Brain Injury in Transgender and Gender Diverse Individuals
3	Elisabeth Wilde	Intimate Partner Violence-Related Brain Injury
4	Drew Nagele	Over-Representation of Brain Injury in Corrections - What Can Be Done About It?
5	Spenser Nye	Violence-related Traumatic Brain Injury in Justice-involved Individuals
6	Ilyssa Silverman	Neuropsychological Performance and Functional Outcomes in Unstably Housed Veterans with Mental Health Conditions
7	Jennifer Adler	Rate of Subjective Cognitive Concerns in Former American Football Players: Associations with Informant Reports and Demographic, Genetic, and Neurobehavioral Status
8	Aubree Alexander	Applying the KF-mSMT® to Pediatric Traumatic Brain Injury: A Preliminary Analysis of Verbal Memory Performance
	Katherine Balay	Examining the Relationship Between History of Previous Concussion and Perceived Stress
9	Bailey Balloun	The Impact of Age on Emotional Outcomes Post mTBI
10	Cindy Beaudoin	REACTIONS after early childhood concussion: Performance criteria for refining a post-concussive symptoms inventory
11	Emily Blunt	Interpersonal Violence Among Individuals with and Without TBI During the COVID-19 Pandemic: A Nationwide Survey Study
12	Stephen Bunt	Association of Attention-Deficit/Hyperactivity Disorder with Academic and Social Concerns During Recovery in School Aged Children with Concussion
13	Miranda Chang	Investigating the Impact of Digital Memory Augmentation on Autobiographical Episodic Memory and Psychological Well-Being in Patients with Transient Epileptic Amnesia
14	Sharon Chen	Substance Use Among Women with Intimate Partner Violence Experiences with and without Head Injuries
15	Evan Clise	Grit and Post-Concussive Recovery in Collegiate Athletes
16	Andrew Darr	Does Post-Traumatic Stress Disorder Impact the Efficacy of Cognitive Rehabilitation?
17	Shivani Desai	The Effects of Hazardous Alcohol Use on Emotional Regulation during TBI Recovery
18	Suhani Dheer	Beyond Diagnosis: The Cognitive Demands of Stopping and Turning Behaviors Among Drivers With and Without Multiple Sclerosis and Implications for Driving Safety
19	Emily Dudek	Traumatic Brain Injury Influence On Pain And Mood In People With Chronic Low Back Pain
20	Natalie Edwards	Vascular disease drives Alzheimer's disease biomarker concentrations in adults with Down syndrome
21	Loubna El Ouardi	Slow syntactic processing in agrammatic aphasia: Consequences for pronoun comprehension
22	Farwa Faheem	Reliability of Informant Responses to the Boston University Repetitive Head Impact Exposure Assessment

23	Daniel Franz	False Confidence in mTBI Patients
24	Daniel Franz	Looking Beyond Time Since Injury Following Mild Traumatic Brain Injury in Predicting Cognitive Performance
25	Lindsay Fruehau	Does Self-Awareness Impact Functional Outcome in a Residential Rehabilitation Program for Acquired Brain Injury?
26	Kaci Gorres	Headache Disorders and Neurocognitive Performance Pre- and Post-Concussion
27	Palmer Grabner	The Differing Relationship Between Identity Issues and Suicidal Ideation at Differing Stages Post Mild Traumatic Brain Injury
28	Lesley Guarena	Childhood Head Injury and Risk of Dementia Later in Life: Results from the Mexican Health and Aging Study (MHAS)
29	Tess Guzman	Electronic Health Record Trends of Long-term Mental Health Problems in Children with Traumatic Brain Injury in Early and Middle Childhood
30	Kymberly Henderson-Arredondo	The Effect of Traumatic Stress on Somatization at Different Stages Following mTBI.
31	Hannes Heppner	The Relationship Between Sickle Cell Disease Biomarkers, Fatigue, and Cognitive Functioning
32	Sam Humphrey	"I felt like I was not a priority": A Qualitative Study of the Lived Experience of Ischaemic Stroke Patients Treated with Endovascular Clot Retrieval and Intravenous Thrombolysis
33	Sara Khosdelazad	Cognitive Implications of Microstructural White Matter Abnormalities in Aneurysmal and Angiographically Negative Subarachnoid Hemorrhage: a Diffusion Kurtosis Imaging Study
34	Lenka Kramska	Neuropsychological outcome after EC-IC bypass intervention.
35	Ingunn S. Kristensen	The Impact of Methodology on Self-Reported Concussion Assessment: A Study on Female Athletes
36	Siiri Laari	Executive Dysfunction Related to Binge Drinking in Ischemic Stroke - a 9-year follow-up
37	Michael Lee	Gray Matter Macrostructure Up To Two Years After Pediatric Mild TBI
38	Jean Lengenfelder	Evaluating Social Perception Using the TASIT in Individuals with TBI.
39	Daniel Lopez	Assessing the Role of Executive Function in Traumatic Brain Injury Survivors' Clustering and Switching Performance
40	Daniel Lopez	Cognitive Outcome in Professional American Football Players: The Roles of Concussion Dose and Cerebrovascular Risk
41	Daniel Lopez	CVLT-II and BVMT-R as Embedded Performance Validity Indicators for Individuals With Traumatic Brain Injury
42	Daniel Lopez	The Intersection Between Bilingualism, Executive Function, and Functional Outcome Following TBI
43	Johnny Lopez	Cognitive Function in HIV+ Adults After COVID-19: Comparison of Pre-Pandemic and Post-Infection Cognitive Test Performance
44	Rachel Lyons	The Complex Relationship Between Cognition and Observed Risky Driving in Healthy Adults
45	Brett Macchio	Construct Validity of the V-8 in Sport-Related Concussion
46	Sarah Mandelbaum	The Effects of Chiari Malformation-I on Cognitive, Emotional/Behavioral, and Physical Functioning in a Pediatric Population
47	Lauren Meier	Increased Errors in Color Word Interference within Veterans with mTBI and PTSD
48	Iris Yi Miao	The Relationship Between Subjective Cognitive Function, Dispersion-Based Intra-Individual Variability and Estimated Head Impact Histories Among Former Collegiate Football Players
49	Lauren Moon	Evaluating the Predictability of Objective Measures from Subjective Cognitive Complaints in Sport-Related Concussion
50	Jasmine Morigney	Early Disability Trajectories following GCS-15 Traumatic Brain Injury
51	Terina Myers	Neuroinflammatory Response Post Cardiac Event as Measured by Radioligand with Matched Affinity Binding and its Possible Role in Cognitive Performance
52	Stephanie Neaves	Preliminary Investigation of a History of Mild Traumatic Brain Injury in Relation to Cognition Among Older Hispanics
53	Morgan Nitta	Initial Use of the Coma Recovery Scale for Pediatrics (CRS-P) in Young Children with Disorders of Consciousness

# POSTER SESSIONS 3-4

54	Sarah Patrick	Sleep Quality, Affect Intensity, and Attention after TBI
55	Samantha Penhale	Inflammatory, neurodegenerative, and axonal blood and brain marker associations to memory performance in chronic to remote mild TBI.
56	Ariel Pruyser	The Compounding Effect of Repetitive Head Impacts in Traumatic Brain Injury Survivors on Risky Behaviors and Self-Directed Harm
57	Sarah Raz	Umbilical Cord Blood Gas and Acid-Base Analysis: Associations with Motor and Language Outcome in Preterm-Born Preschoolers
58	Melissa Reich	mTBI and PAI Aggression, Anxiety, and Depression
59	Eman Rettig	Culturally Sensitive Practice and the Course of Cognitive Recover After Severe Brain Injury Due to Hemolytic Uremic Syndrome
60	Darian Reynero	The Association Between Peritraumatic Dissociation and mTBI Symptoms
61	Cristina Robles	Social-Environmental Factors as Mediators of Pediatric Traumatic Brain Injury Outcomes
62	Alan Romanowski	Early Post-stroke Assessment of General Cognitive Ability (g) Predicts 1-year Functional Outcome
63	Megan Rusco	A Neural Examination of Spatial Neglect in Individuals with Traumatic Brain Injury
64	McKenna Sakamoto	Objective and Subjective Cognitive Functioning and Depression in Athletes with a History of Sport-Related Concussion
65	Daniel Schlehofer	Degree of Good Old Days Bias in Individuals with Mild Traumatic Brain Injury
66	Laura Sebrow	Cognitive Functioning across Ictal and Interictal Migraine Phases: An Ecological Momentary Assessment Study
67	Ranjani Shankar	Clinical and Repetitive Head Impact Correlates of 18F-MK-6240 Tau PET in Former National Football League Players
68	Allison Shields	Factors Associated with Performance on the Medical Symptom Validity Test (MSVT) in a Diverse Sample of Pediatric TBI Patients
69	Allison Shields	Social Determinants of Health, Access, and Continuity of Care Following Pediatric Concussion
70	Logan Shurtz	Chronic Traumatic Encephalopathy Concerns among Older Female Former College Athletes
71	Austin Simpson	Neuropsychological Assessment and Prediction of Supervision Needs Following Stroke
72	Anouk Smits	Mapping peripheral misreaching in a large stroke cohort
73	Cody Solesbee	Multidisciplinary Treatment Outcomes in Youth with Persistent Symptoms After Concussion (PCS): Impact of Credible vs Non-Credible Effort Presentations
74	Randi Starrfelt	When Hemianopia Looks like Neglect: Patients with Posterior Stroke show Neglect like Performance on the Broken Hearts Test
75	Jessica Stump	Trait Anxiety, Executive Function, and Quality of Life in Traumatic Brain Injury
76	Carson Teague	Relationships Between RBANS Intra-Individual Variability and Neuropsychiatric Symptoms in Veterans and Civilians with Traumatic Brain Injury
77	Jillian Tessier	Cognitive Correlates of Functional Assessment Tool in Expanded Sample of Veterans with Mild Traumatic Brain Injury
78	Deepan Tripathy	Neural Network-Based Classification of Pediatric mTBI: Advancing Diagnostic Accuracy
79	Tiffany Tucker	Predictors of Parent-Reported Transition Readiness for Youth Living with Sickle Cell Disease
80	Molly Ungrady	The Influence of Non-Cognitive Factors on Daily Engagement and Outcome of Virtual Reality Training in Dementia: Two Case Reports
81	Eli Vakil	Working Memory Multicomponent Model Outcomes in Individuals with Traumatic Brain Injury: Systematic Review and Meta-Analysis
82	Christopher Waller	The Impact of Intoxication at Time of Traumatic Brain Injury on Rehabilitation Responsivity
83	Michael Walsh	Bilateral Amygdala Volume Predicts Metacognitive Performance in Individuals with Traumatic Brain Injury
84	Abigail Waters	Preliminary Findings from a Randomized Control Trial of Backwards Walking Training in Stroke: Functional Connectivity and Recovery

85	Kim Willment	Sensitivity of patient-reported outcomes to detect change following Goal Management Training: Preliminary Findings from BWH RENEW Program
86	Darby Wolocko	Sex Differences in Somatization via Aggression among Individuals With mTBI
87	Nekabari Yakpogoro	Understanding the Relationship Between Post-Concussion Symptoms and Physiological Depression in Traumatic Brain Injury: Implications for Rehabilitation.
88	Sherly Smith	Racial Disparities Within Psychological Outcomes of Long COVID Patients.
89	Dershanel Jno Lewis	Impact of MDMA on the Serotonin System and Potential Traumatic Brain Injury Treatment

**12:00–1:10 PM**

## Poster Session 04

### Neuroimaging | Neurostimulation/Neuromodulation | Teleneuropsychology/Technology

#### Room: 6th Floor, Shubert & Majestic Complexes

1	Emily Paolillo	Novel Technology-Based Approaches for Cognitive Assessment
2	Mark Sanderson-Cimino	Evaluation of longitudinal remote smartphone cognitive assessments for early detection and longitudinal monitoring in frontotemporal lobar degeneration
3	Emily Paolillo	Longitudinal decline in smartphone usage relates to disease severity and clinical progression in frontotemporal lobar degeneration
4	Kate Papp	Rapid detection of the earliest amyloid-related changes in memory consolidation: assessment of learning using daily digital testing
5	Jason Hassenstab	Developing A Digital Cognitive Outcome Measure for Down Syndrome-Associated AD Prevention Trials
6	Rachel Yep	Evaluating the use of eye tracking as a language- and culturally-neutral cognitive assessment for use across diverse groups
7	Sarah Aghjayan	Associations Between Episodic Memory and Hippocampal Volume in Late Adulthood
8	Holly Aleksonis	Relationships Among the Structural Connectome and Cognitive Outcome in Adolescents with Congenital Heart Disease
9	Linden Aly	Comparison of Subjective and Objective Performance in Executive Functioning in Veterans with Major Depressive Disorder
10	Nishta Amin	Comparing Trajectories of Somatomotor-Dorsal Attention Network Connectivity in Youth Recently Recovered from Concussion and Controls.
11	Georgette Argiris	Brain Resilience to Targeted Attack of Resting BOLD Networks as a Measure of Cognitive Reserve
12	Sabyasachi Bandyopadhyay	Deep learning representations of the clock drawing test can improve post-operative outcome predictions
13	Kimberly Barnhart	Gut-Derived Hydrogen Sulfide Effects on Processing Speed in Humans
14	Anselma Bautista	Using Ecological Momentary Assessment to Capture Older Adults' Memory Strategy Use in Real-Time
15	Ondrej Bezdicek	Long-Term Change of Instrumental Activities of Daily Living Change in Parkinson's Disease After Subthalamic Deep Brain Stimulation
16	Mark Bowren	The Neural Effects of Ultra-High Frequency Intracranial Electrical Stimulation
17	Tyler Busch	Useful Field of View and Functional Brain Connectivity in Youth
18	Ivan Campbell	Bilingual Status Differentially Predicted via White Matter Fractional Anisotropy and Executive Functioning Performance
19	Laura Campbell	Mean Performance is the Greatest Predictor of Within-Person Variability on Repeated Smartphone-Based Ecological Momentary Cognitive Testing
20	Alissa Chen	Differential Neural Processing of Socially Generated Sounds in Autism Spectrum Disorder and Misophonia
21	HeeWon Choi	Salivary Biomarkers and Stress: A Systematic Review
22	Krystal Christopher	Clinical Research Adaptations in a Pandemic: Implementation of a Hybrid Neuropsychological Testing Model with Pediatric Brain Tumor Patients and Survivors

# POSTER SESSION 4 (continued)

23	Dejanía Cotton-Samuel	MRI Marker of Glymphatic System Function is Associated with Memory Performance in Middle-Aged Adults	48	Amritha Harikumar	Default Mode Connectivity and Cognition in an Ethnically Diverse Cohort of Individuals At-Risk for Alzheimer's Disease
24	Lisa Cruz	Verbal and Nonverbal Memory Validity of Computerized Cognitive Assessment: CNS-VS Vital Signs, in a Veteran Population	49	Fatemeh Hasanzadeh	Toward Finding the Neural Implementation of Cognitive Reserve: A Longitudinal Analysis of Task Switching
25	Katelin Curtis	Analyzing Verbal Fluency and Cognitive Performance Using Speech and Cognitive Ecological Momentary Assessment	50	Hanna Hausman	tDCS Reduces Depression and State Anxiety Symptoms in Older Adults from the Augmenting Cognitive Training in Older Adults Study (ACT)
26	Katelin Curtis	Characterizing Phenylketonuria using Digital Cognitive Assessments: The Impact of the Digit Symbol Matching Test and Tyrosine Levels	51	Jessica Hephrey	FDA-Approved Medications for Alzheimer's Clinical Syndrome Do Not Interfere with Cognitive Improvement after Noninvasive Brain Stimulation
27	Katelin Curtis	Examining Speech Characteristics in Verbal Fluency using Large Language Models: Insights from an EMA study in a clinical population	52	Robert Hickson	Do pretreatment neurocognitive scores predict response to TMS for treatment resistant depression? A Case Study: Remote Digital Cognitive Assessment of On and Off Medication States in Parkinson's Disease
28	Marshall Dalton	Age-Related Changes in Anatomical Connectivity of the Human Hippocampus: Insights Using Quantitative Fibre-Tracking	53	Valerie Humphreys	Using In-Home MetaSensors to Sufficiently Track Daily Activities and Behaviors: A Case Study
29	Manuelene Deigh	Differences In Memory Task Performance and Individuals Living With and Without Cannabis Use Disorder among HBCU Undergraduate Students	54	Regan Jenkins	Hippocampal Subfields Mediate Differential Effects of Age on Pattern Separation and Recognition Memory
30	Donato Delgeniis	Impact of In-Utero Superstorm Sandy Exposure on Subcortical Brain Volume May Persist Across Child Development.	55	Savana Jurgens	White Matter Substrates of Altered Sexual Functioning in Mild Traumatic Brain Injury.
31	Shivani Desai	Anxiety Reduction through Continuous Theta-Burst Stimulation (cTBS)	56	Aizad Kamal	Assessing the Role of Smartwatch Feedback in Behavior Change in Older Adults
32	Libby DesRuisseaux	Is briefer better? Examining the construct validity and test-retest reliability of one-week ecological momentary assessment protocols for the assessment of executive functioning	57	Marina Kaplan	Does Direction Matter When Walking Under Single- and Dual-Task Conditions? A Preliminary Examination Using Functional Near-Infrared Spectroscopy
33	Kathryn Devlin	Can Virtual Reality Driving Enhance the Prediction of Real-World Unsafe Driving?	58	Rini Kaplan	Older APOE4 Carriers with Reduced Cerebrovascular Reactivity Exhibit High White Matter Hyperintensity Burden
34	Victor Di Rita	Assessment of functional Near-Infrared Spectroscopy Activation Patterns in Posterior Cortical Atrophy	59	Arunima Kapoor	The TabCAT Rapid Naming Test: A Digital Test of Lexical Retrieval
35	Laura Fenton	Lower Cortical Thickness in Brain Regions Vulnerable to Early Alzheimer's Disease is Associated with Greater Scam Susceptibility in Older Adults	60	A.Zarina Kraal	Do Depressive Symptoms Mediate the Association Between External Locus of Control and MRI Markers of Risk for Alzheimer's Disease and Related Dementias in Racially and Ethnically Diverse Middle-Aged Adults?
36	Matthew Fontanese	Immediate and Delayed Recall Comparisons of Virtual Kitchen Protocol to Existing Neuropsychological Memory Tests for Neurocognitive Disorder Diagnosis	61	Ryan Krebs	Convergent Validity between PediaTrac and Ages and Stages Questionnaire at 9- and 12- months
37	Loredana Frau	Exploring the role of the dorsolateral prefrontal cortex in emotional regulation and executive function: a High-Definition Transcranial Direct Current Stimulation (HD-tDCS) study	62	Hyunjeong Kwak	Purpose in Life Moderates the Association between Age-Related Left Hippocampal Volume and Memory Function in Older Adults
38	Allie Geiger	Evaluating the N4 Effect Event-Related Potential as an Electrophysiological Marker in Alzheimer's Disease	63	Colleen Lacey	Age-Related Changes to White Matter, Cognitive Performance, and Subjective Cognitive Functioning in Persons with Multiple Sclerosis
39	Joshua Gertler	Apathy is Associated with Widespread Decreases in White Matter Quantitative Anisotropy in Cognitively Normal Older Adults at Risk for Alzheimer's Disease	64	Kailey Langer	A Systematic Review of Inflammatory Markers Structural Neuroimaging and Cognition in Older Adults without Cognitive Impairment
40	Blake Gimbel	Normative Brain Growth Charts as a Tool for Characterizing Brain Atypicality in Neurodevelopmental Disorders: Methodological Approach and an Example from Fetal Alcohol Spectrum Disorder (FASD)	65	Lauren Latham	Utilization of Standardized Regression-Based Change Scores to Compare Remote and In-Person Cognitive Testing Performance in Older Adults
41	Christine Ginalis	Sex-Specific Effect of In-Utero Stress Exposure on Subsequent Child Gray Matter Volume of the Bilateral Amygdala	66	Shannon Lavigne	AI Chat Generators: Is There a Threat to Test Security?
42	Jasmin Guevara	The Relationship Between Neural and Behavioral Indices of Cognitive Control: EEG N2 Amplitude Predicts Executive Functioning in a Nonclinical Sample of Older Adults	67	Shannon Lavigne	Does Generative Artificial Intelligence Pose a Threat to the Test of Memory Malingering?
43	Sonya Gupta	Subcortical Shape Changes at Age 10 Predictive of Non-Suicidal Self-Injury in Adolescents 2 Years Later: Findings from the ABCD Study	68	Jeremiah Lum	Many Brains, Many Barriers? Feasibility of Test My Brain for Remote Cognitive Testing in Adults with History of Stroke.
44	Katherine Hackett	Do We Need to Ask? Utility of Ecological Momentary Assessment for Contextualizing Sensor Data in a Smartphone Digital Phenotyping Study.	69	Shoshanah Machlay	The Effects of HD-tDCS on Autobiographical Recall in Amnesic Mild Cognitive Impairment
45	Kimberly Halberstadter	Preliminary Insights on Usability of a Remote App-Based Assessment of Cognition Among Older Adults with Normal Cognition	70	Eric McConathey	Home-Based Transcranial Direct Current Stimulation (tDCS) Paired with Personalized Word Retrieval Intervention Improves Naming in Primary Progressive Aphasia (PPA)
46	Olivia Haller	Go with the (Blood) Flow: A Systematic Review of the Relationship between Dynamic Functional Connectivity and Information Processing Speed	71	Lauren Meier	Adverse Past and the rTMS Outcomes: Effect of Traumatic Life Experiences on the Treatment for Depression
47	Jasmine Hargrove	Transcranial Magnetic Stimulation Outcomes and Disparities for Black Patients: A Pilot Study	72	Cassidy Molinare	Using Remote, Digital Cognitive Assessments to Capture Multi-Day Learning and Long-Term Retention in Preclinical Alzheimer's Disease
			73	Laura Mora	Unlocking the Potential of 'Passive' Modulation: How Sensory Stimulation Shapes Hand and Face Size
			74	Jairelisse Morales Morales	Impact of Alcohol Consumption Before and After Treatment on the Efficacy of rTMS Therapy
			75	Shay Nakahira	Using Digital Passive Metrics to Assess the Impact of Sedentary Activity and Sleep on Processing Speed among Middle-Aged and Older Hispanics/Latinos
			76	David Negelspach	Inferior Parietal Lobe Activation Predicts Accuracy in a Working Memory Task
			77	Caroline Nester	"How did I do?" Expectations About Feedback and Their Associations with Remote Cognitive Assessment in an Older Adult Sample
			78		
			79		

# POSTER SESSIONS 4-5

80	Caroline Nester	Smartphone Assessment of Subjective Cognitive Concerns in Motoric Cognitive Risk Syndrome
81	Truc Nguyen	Convergent Patterns of Cognitive Heterogeneity in Prodromal Stages of Dementia with Data-Driven Machine Learning
82	Jingjing Nie	Speech Analysis in Older Adults for Neuropsychological Status Prediction
83	Sarah Norman	Increased Glucose and CA4 Volume Interact to Promote Hippocampal Memory Function
84	Jennifer Nosker	Digital Cognitive Assessment in People with Neurofibromatosis 1: Reliability of Unsupervised Self-Administered Tests for Research Purposes
85	Alexandria O'Neal	Functional Connectivity in Distributed Cortical Networks Associated with Semantic Processing in Healthy Older Adults
86	Caterina Obenauf	Somatic and Posttraumatic Stress Disorder Symptoms Among Woman Sexual Trauma: Effects of Online Sexual Trauma-Related Content Engagement
87	Carolyn Pagan	Accuracy of Error Monitoring using Ecological Momentary Assessment with Mid-life and Older Adults
88	Karlee Patrick	Pain in the Context of Virtual Neuropsychological Assessment of Older Adults
89	Martha Perez Lopez	Recruitment and Retention of Middle-Age and Older Latinos into an Observational Research Study on Digital Markers of Risk for Alzheimer's Disease and Related Dementias.
90	Abel Pichardo	tVNS Modulates Functional Connectivity Between the Locus Coeruleus and Cortical, Subcortical Areas
91	Malvina Pietrzykowski	Exploring Sex-Based Differences in Cognitive Assessment: Investigating the Novel Boston Cognitive Assessment (BoCA)
92	Cristina Pinheiro	The subjective as objective: A comparison of extracellular free water content in the white matter of older adults with and without subjective cognitive concerns
93	Suchir Pongurlekar	Development of Virtual Reality Based Smooth Eye Pursuit Exercise for Spatial Neglect in People with Traumatic Brain Injury
94	Matteya Proctor	Self-Efficacy for Cognitive Everyday Tasks and its Relation to a Technology-Based Health Navigation Task in Middle-Aged and Older Adults: A Pilot Study
95	Hanan Rafiuddin	Toward Automated Neuropsychology: Evaluating the Utility of ChatGPT in Neuropsychological Testing with Older Adults
96	Eilis Reardon	Building a Surgical Database from Decades of Medical Records for Prospective Study of Perioperative Neurocognitive Disorders: Framingham Heart Study
97	Sonia Rehman	Efficacy of TMS Treatment for Sleep Problems in Cisgender Women Veterans
98	Melissa Reich	Continuous Theta Burst Stimulation (ctBS) of the Default Mode Network for Sleep Improvement Does Not Adversely Affect Mean Reaction Time During a Multi-Source Interference Task (MSIT)
99	Brittany Rohl	"Permanent neurological cognitive delay": Cognitive symptoms on #PTSD TikTok
100	William Saban	Remote Montreal Cognitive Assessment in Parkinson's Disease and Cerebellar Ataxia Patients who Speak English and Hebrew
101	Brett Schneider	Personalized Remote HD-tDCS Improves Cognition Following Carbon Monoxide Poisoning Induced Amnesia: a Case Report
102	Destin Shortell	Transcutaneous Vagus Nerve Stimulation and Explicit Memory in Cognitively Healthy Older Adults
103	Leila Simani	Cognitive deficits in multiple sclerosis: Auditory and Visual Attention and inhibitory Control
104	Lindsay Smegal	Latent Class Mixed Models Reveal Lower Locus Coeruleus Integrity is Associated with Diminished Practice Effect Response Times in Clinically Unimpaired Older Individuals
105	Manuela Soto Restrepo	Multimodule Virtual Reality Treatment for Spatial Neglect: A Case-Series Study
106	Kylie Szymanski	Resting-state Functional Connectivity and Intelligence in Adolescents and Young Adults
107	Caitlin Terao	Perceptual Discrimination Following Lesions to Hippocampal vs. Thalamic Brain Regions
108	Aaron Thomas	Development and reliability of the Arrows test: An online neuropsychological

109	Jennifer Thompson	assessment for attention, information processing speed, and executive function.
110	Yer Thor	Development of the Telephone-Based Daily Instrumental Activities of Living (T-DIAL) to Assess Functional Capacity Remotely in Older Adults
111	Laura Glass Umfleet	Teleneuropsychology in Memory Clinics: Preliminary Evidence for Reliability, Validity, and Satisfaction of Direct-to-Home Evaluations
112	Emily Van Etten	Sensitivity of Cognitive Neuroscience Measures in Subjective Cognitive Decline
113	Emily Van Etten	Metabolic Syndrome and its Unique Risk Factors are Associated with Reduced Default Mode Functional Connectivity in Young to Middle Aged Post-9/11 Veterans
114	Stephanie Whitney	The Impact of Metabolic Syndrome on White Matter Integrity in Post-9/11 Veterans
115	McKenna Williams	Measurement of Cognitive Flexibility Matters to the Heart
117	Yi Zhou	Neuroimaging Predictors of Cognitive Resilience in the Presence of Alzheimer's Disease Pathology

assessment for attention, information processing speed, and executive function. Development of the Telephone-Based Daily Instrumental Activities of Living (T-DIAL) to Assess Functional Capacity Remotely in Older Adults

Teleneuropsychology in Memory Clinics: Preliminary Evidence for Reliability, Validity, and Satisfaction of Direct-to-Home Evaluations

Sensitivity of Cognitive Neuroscience Measures in Subjective Cognitive Decline

Metabolic Syndrome and its Unique Risk Factors are Associated with Reduced Default Mode Functional Connectivity in Young to Middle Aged Post-9/11 Veterans

The Impact of Metabolic Syndrome on White Matter Integrity in Post-9/11 Veterans

Measurement of Cognitive Flexibility Matters to the Heart

Neuroimaging Predictors of Cognitive Resilience in the Presence of Alzheimer's Disease Pathology

Correlation Between Physical Leisure Activities and Functional Connectivity of Brain Networks in Healthy People

2:30–3:45 PM

## Poster Session 05

**Neuropsychiatry | Addiction/Dependence | Stress/Coping | Emotional/Social Processes**

**Room: 6th Floor, Shubert & Majestic Complexes**

117	Yi Zhou	Correlation Between Physical Leisure Activities and Functional Connectivity of Brain Networks in Healthy People
1	Jakob Thorn	Neuropsychology and Functional Neurological Disorders: An Evaluation of Practice Through Clinical Case Studies and Historical Analysis
2	Jakob Thorn	Blind Spots in the Medical Gaze: A Historical and Theoretical Critique of Functional Neurological Disorder
3	Carissa Sawyer	Current Best Practices in the Diagnosis and Treatment of Functional Neurological Disorder
4	Emily Sakamoto	FND Clinical Case Studies
5	Kathleen Liming	The Practicality and Complexity of Psychological Ethical Decision-Making Models in the Context of Functional Neurological Disorders
6	Claire Alexander	Social Support and Stress Predict Learning Process Measures in Healthy Older Adults
7	Anna Ambroziak-Egbert	The Collective Impact of Stigma: How Ageism, Cisgenderism, Racism, and Heterosexism Affect Depression Symptoms in Transgender and Cisgender Individuals?
8	Nara Andrade	Early Childhood and Social Vulnerability: Socioemotional Skills as Mediators of Behavior Problems
9	Amber Ayton	Mental and Physical Health Comorbidities in Traumatic Brain Injury: A Comparison with Non-TBI Controls
10	Labiba Aziz	Psychophysiology and Temperament: Assessing the Role Biological Sex Plays on the Association Between Autonomic Functioning and Emotional Regulation in Early Childhood
11	Jason Bailie	Cognitive Rehabilitation and Military Blast Exposure
12	Jason Bailie	Neuropsychological Factors Related to Warfighter Performance
13	Janice Bidesie	Self-Reported Pain and Pain Observations in People with Korsakoff's Syndrome: A Pilot Study
14	Shenielle Bisson	Impact of Apathy and Depression on Functional Impairment
15	Ayala Bloch	The Relationship Between "Hold" Index and Personality Measures to Community-Based Neuropsychological Rehabilitation Programs Outcomes
16	Robiann Broomfield	Empathy and Affect Recognition and Memory as Predictors of Community Integration
17	Warren Brown	Emotion recognition and perception in simple and complex social contexts in persons with hemispherectomy

# POSTER SESSION 5 (continued)

18	Arlene Chang	Aviation Mental Health: A Systematic Review of Depression and Suicide in Airline Pilots	47	Kristina Horne	Linking motivational disturbances and behavioural rigidity in frontotemporal dementia
19	Carmen Chek	Affect intensity moderates the relationship between familiarity with multicultural faces and memory for facial emotion	48	June-Hui Huang	The Recognition of Emotions with different facial feature in Preschool children
20	Hsueh-sheng Chiang	Event-related potentials during Go/NoGo tasks predict neuropsychological functioning in veterans with chronic symptoms from traumatic brain injury	49	Davin Iverson	The Black Sheep of the Emotional Family: Disgust Does Not Improve Associative Memory Binding
21	Mary Clark	Subjective Cognitive Complaints and Neuropsychological Performance in Suicide Attempters with PTSD	50	Ila Iverson	Adverse Childhood Experiences and Cognitive Difficulty in High School Students in the United States During the COVID-19 Pandemic
22	Maurizio Cundari	The Clinical Utility of Neurocognitive Tests for Assessment of Adult ADHD/ASD	51	Gweny Janssen	A Feasibility Study on the use of a Smartwatch to Support Spatial Navigation in Patients with Alcohol-Related Cognitive Disorders
23	Jill Del Pozzo	Patterns and Predictors of Cognitive Change over Time in Chronic Traumatic Brain Injury: Insights from a Longitudinal Telephone-Based Study	52	Hanna Jokinen	Executive Function Subcomponents and Processing Speed are Differentially Related to Functional Impairment and White Matter Hyperintensities in Covert Cerebral Small Vessel Disease
24	Jill Del Pozzo	Prevalence of Traumatic Brain Injury in Sexual and Gender Minority Individuals: Leveraging the All of Us Database	53	Justin Karr	Confirmatory Factor Analysis of the Neurobehavioral Symptom Inventory in Women with and without Brain Injuries due to Intimate Partner Violence
25	Katherine Desrosiers	Neuropsychological Performance of Past Substance Abusers in Depressed Samples at Risk for Suicidal Behavior	54	Caleb Keys	Preliminary Findings of Sex Differences in the Association between Cardiorespiratory Fitness and Executive Functioning among Sedentary Older Adults with Remitted Late-life Depression
26	Alina Dillahun	Maternal Anxiety and Depression, Child Temperament, and the PediaTracTM v3.0 Motor Domain	55	Elmma Khalid	Semantic Fluency Across Biotypes and Diagnoses
27	Jasmine Dixon	A Conceptual Model of Coping in MCI: Exploratory Factor Analysis of Coping Styles in Response to an MCI Diagnosis	56	Emily Kim	A Systematic Review of Cognitive Functioning Among Individuals With Schizophrenia Spectrum in Relation to Cannabis Use
28	Madison Dykins	Two Distinct Cognitive Profiles Characterize Patients with First-Episode Psychosis	57	Jia Kim	Role of Racial Disparities on Mental Health Help-Seeking Attitudes in Asian Americans: A Systematic Review
29	Naomi Edwards	Parental Executive Functioning Abilities and Their Impact on Adolescent Impulse Regulation	58	Michelle Kim	Subsyndromal Depression, Gender, and Verbal Memory in Widowed Adults
30	Willem Eikelboom	Assessment of agitation and aggression in inpatients with alcohol-related cognitive disorders: A review of informant-based scales	59	Jessica Kirkland Caldwell	Self-reported stress exposure impacts women's quality of life and risk for Alzheimer's disease
31	Katherine Elwell	Characteristics and Management of Traumatic Brain Injury in Young Children (0-5 years)	60	Denise Krch	Loneliness and depression improve after a grief-based treatment in TBI caregivers
32	Lena Etzel	Delusional Parasitosis: A Case Report	61	Isa-Marie Kreuzinger	Stigma and Mental Health in LGBTQ: How Stigmatization Impacts Severity and Symptoms of Depression, Anxiety, and Stress
33	Kathleen Feeney	Interactional Effects of ADHD Diagnosis and Dysregulation in the Association Between Family Factors and Cortical-Subcortical Resting-State Functional Connectivity	62	Daniel Krzyzanowski	Neurocognitive Correlates of Self-Reported Emotional Experience in Schizophrenia
34	Madison Forde	Investigating Potential Associations Between Postnatal Maternal Alcohol Use and Variation in Infant Cortisol Levels	63	Sarah Langdon	Psychiatric Symptomatology in Veterans with MCI and History of TBI
35	Charles Gaudet	Prevalence of Low Scores in the Uniform Data Set Version 3: Comparison of Older Adults with and without a Self-Reported History of Traumatic Brain Injury	64	Sarah Lehman	Examination of Motives for Cannabis Use and Risky Decision-Making on Cannabis Use-Related Problems Among Teens
36	Christina Gillezeau	Deficits in Working Memory in a Community Sample of PTSD Patients	65	Yating Lei	Impact of Computerized Auditory Information Processing Remediation Training on Cortical Thickness in Adults with Chronic Traumatic Brain Injury
37	Grace Goodwin	Bridging Neuropsychiatric Symptoms and Cognitive Performance in Alzheimer's Disease: A Network Analysis	66	Brianna Lenza	The Relationship Between Anxiety and Memory for Emotional Components of Images
38	Palmer Grabner	Improvement in the Clinical Scales of the Personality Assessment Inventory Following Emotional Intelligence Training in an Active-Duty Military Sample	67	Audrey Li-Chay-Chung	Examining Dimensions of Social Connectedness and Their Contributions to Neurocognitive Functioning in Homeless and Precariously Housed Individuals
39	Daya Grewal	The Impact of Trauma on Attention: Differences in Digit Span Performance among Individuals with Varying Levels of Posttraumatic Stress Symptoms	68	Daniel Lopez	The Intersection of Perceived Stress and Mood on Cordoba Naming Test Performance in a Mexican Population
40	Jonastasya Griffith	Cultural Identity and Discrimination Effects on Emotional Regulation Strategies in Adolescents	69	Hannah Lovato	General vs. Age-Anchored Measures of Subjective Decline: Relationships with Depression and Anxiety
41	Christian Habeck	Blood-Based Pollutants are associated with worsening Cognitive Health	70	Jeremy Maciarz	Dual Task Cost in Older Adults With and Without Lifetime History of Depression
42	Asia Hemphill	A Calm Mind: Avoidant Coping, Anxiety, and Executive Decline in Ethn racially Diverse Undergraduates	71	Tulip Marawi	Self-Report Anterograde and Retrograde Memory Outcomes Following Electroconvulsive Therapy in Adults with Major Depressive Disorder
43	Kymerly Henderson-Arredondo	The Effectiveness of Blue Light Therapy on PTSD Developed After Direct Exposure Versus Indirect Exposure to Trauma.	72	Francesca Mariani	The role of Theory of mind in Criminal Behavior
44	Reyna Hickey	Sex Differences in Cognition Among Older Cannabis Users	73	Mollie McDonald	Inhibitory control outside of emotional contexts may not support the upward spiral model of mindful positive emotion regulation
45	Amelia Hicks	Plasma-Based Protein Biomarkers of Chronic Traumatic Brain Injury: Genetic, Demographic and Injury Correlates	74	Penita Miller	Internalizing Symptoms as a Predictor of Verbal Fluency Performance in a Clinical Sample
46	Dan Hoofien	Pre-Injury Personal, Social and Vocational Predictors of Late Rehabilitation Out-Comes Among Persons with Traumatic Brain Injuries.	75	Cayla Mitzkovitz	Heightened Vulnerability for Internet Gaming Disorder in PTSD? The Involvement of Impulsivity and Negative Changes in Cognitions
			76	Brett Montgomery	Use of Psychotropic Medications May Predict Cognitive Decline Over Time in Patient's MMSE Score
			77	Kyler Mulhauser	Cannabis use in older adults: Preliminary neuropsychological test findings

# POSTER SESSIONS 5-6

4:00–5:15 PM

## Poster Session 06

Agging | MCI | Neurodegenerative Disease - PART 2

Room: 6th Floor, Shubert & Majestic Complexes

78	Caterina Obenaus	A Strengths-Based Approach to Sleep Disturbance and Posttraumatic Stress: Examining Engagement Coping Strategies
79	Freerk Abel Oudman	Tech-Enhanced Errorless Learning for Wernicke-Korsakoff's Syndrome: A Comparative Study on Daily Activity Re-Learning
80	Erin Ozturk	Exploring the Relationship Between Symptom Etiology and Subjective Cognition in Veterans with a History of Traumatic Brain Injury: Insights from the Million Veteran Program
81	Chris Perriello	The Role of Internalizing Psychopathology in Executive Dysfunction Among Adults with ADHD
82	Robrielle Pierce	Metacognition mediates the effect of intolerance of uncertainty on hoarding disorder symptoms
83	Adrianna Ratajska	Apathy in Parkinson's Disease: A Diagnostic Conundrum in the Absence of DSM-5 Criteria
84	Emma Read	Impulsivity, Inhibition, and Motivation in Children with Mild Traumatic Brain Injury Using True Prospective Measurement Pre- and Post-Injury
85	Christopher Reeves	Self-Report and Caregiver Report Insight of Depressive Symptoms and Relationship with Cognitive Functioning
86	Melissa Reich	Emotional Intelligence Ability and Experiential Avoidance
87	Melissa Reich	Emotional Intelligence as a Predictor of Managing Others' Emotions
88	Gabriella Robinson	The Effect of Working Memory Performance Under Stress on the Relationship between Trauma, PTSD Symptoms, and IPV Perpetration
89	Katie Rodriguez	Anxiety Subtypes in Parkinson's Disease Patients Seeking Deep Brain Stimulation: Questionable Agreement Between Psychiatric Diagnoses and the State-Trait Anxiety Inventory
90	Elizabeth Rosenthal	Feasibility and Acceptability of Useful Field of View (Double Decision) Training in Adolescents: A Pilot Study
91	mindy ross	A Naturalistic Assessment of Reaction Time and Impulsivity in Individuals with Mood Disorders
92	Marissa Roth	Working Memory and Impulsivity Interact to Predict Suicidal Ideation: a Longitudinal Investigation of At-Risk Adolescents
93	Rachel Schade	Prevalence of Depression in Parkinson's Disease Candidates for Deep Brain Stimulation Surgery: Overlap Between Formal Psychiatric Diagnoses and Self-Report Mood Scales
94	Kaitlyn Schodt	A Comparison of Cognitive Impairment in Health Anxiety, Generalized Anxiety Disorder, and Posttraumatic Stress Disorder and the Moderating Roles of Social Connectedness
95	Casey Swick	The Role of Caregiver-Reported Attentional Orienting at 6 Months in Predicting Social Communication/Cognition at 12 Months in Full and Preterm Infants
96	Sarah Szymkowicz	Subjective, but not Objective, Measures Differ between Remitted Late-Life Depression and Age-Matched Controls
97	Garrett Thomas	Affective Bias Does Not Mediate the Relationship Between Depression and Symptom Report on Post-Concussion Symptom Scale (PCSS)
98	Garrett Thomas	Examining the Relationship Between History of Previous Concussion and Perceived Stress
99	Patrick Vukmirovich	The Role of Executive Function in the Relation Between Anxiety Symptoms and Functional Impairment
100	Eric Watson	Comprehensive feedback on user experiences with Brain Injury Identification Cards
101	David Negelspach	Loneliness and Fear of COVID-19 Predict PTSD Symptom Severity
102	Jessica Yang	Examination of the Relationship Between Delusional Thinking and Depression with Social Cognition in Nonclinical Adults
103	Jessica Zakrzewski	Insight and Cognitive Performance in Hoarding Disorder
104	Rachel Wang	A generation of addicts: A study of hyper-palatable food exposure on adolescents in the United States
105	Le Zheng	Relationship between Anxiety and Academic Motivation among College Students: Moderating Effect of Anxiety Sensitivity

1	Erin Sullivan-Baca	Current Directions in Women's Neuropsychology Research
2	Maheen Mausoo Adamson	Sex and Brain Injury
3	Julia Thomas	Exploring the Impact of Neuropsychiatric Symptoms on Quality of Life in Women with Parkinson's Disease
4	Holly Hunsberger	In vivo calcium imaging reveals sex differences in ventral hippocampal activity in Alzheimer's disease mice
5	Hannah Hagy	Identifying and characterizing cognitive profiles in midlife females: A latent profile analysis
6	Jessica Spat-Lemus	Barriers in Alzheimer's Disease and Alzheimer's Disease Related Dementias: Bridging the Gap and Advancing Equity in Asian Cohorts
7	Clara Li	The Development and Use of Neurocognitive Assessments in Chinese American Older Adults: Consideration of Cultural and Linguistic Factors
8	Boon Lead Tee	Decoding the Language of Dementia: Exploring Semantic and Phonological Fluency in Chinese
9	Li-San Wang	Asian Cohort for Alzheimer's Disease (ACAD) Pilot Study on Genetic and Non-Genetic AD Risk Factors among Asian Americans and Canadians
10	Jing Wang	Navigating Cultural Influences in Dementia Care: Perspectives from Chinese and Korean American Caregivers
11	Laura Glass Umfleet	The Black American Neurodegenerative Discovery (BAND)- Together Initiative: Project Methods and Collaborator Perspectives for Launching Community-Engaged Research
12	Staci Young	Principles of Community Engagement and Relevant Research Methods
13	Laura Glass Umfleet	The BAND-Together Initiative, A Milwaukee-Based Collaborative Project to Reduce Health Disparities and Improve Research Inclusivity
14	Lilly Mason	The BAND-Together Initiative: Perspective of the Clinical Research Coordinator
15	Denise Pitchford	The BAND-Together Initiative: Perspective of a Community Research Collaborator
16	Malgorzata Franczak	The BAND-Together Initiative: Perspective of a Clinician Collaborator
17	Madeline Ally	Association of Sleep Behaviors with Cerebral White Matter Hyperintensity Volume in Healthy Middle-Aged to Older Adults
18	Alin Alshaheri Durazo	Subtle Cognitive Differences in Cognitively Unimpaired Older Veterans with and without Type 2 Diabetes
19	Stacy Andersen	Dual-Domain Cognitive Superaging: The Potential Role of Executive Function
20	Alex Bahar-Fuchs	Memory Focused Cognitive Training for Older Adult Populations With and Without Cognitive Impairment: A CogTale Meta-Analysis
21	Katherine Bangen	Carotid Stiffness is Associated with Poorer Language Abilities in Older Adults Without Dementia
22	Elodie Bertrand	Impact of Perspective Taking on Metacognitive Judgments in Healthy Older Adults and AD Patients
23	Renée Biss	Repeated, Embedded Cognitive Measures in a Co-Designed Exergame for Older Adults in Long-Term Care
24	Madison Bouchard-Liporto	Cognitive and Numeracy Correlates of Financial Decision-Making Tasks in Older Adults
25	Jessica Bove	Lifetime Head Trauma Exposure as a Risk Factor for Frontotemporal Dementia Spectrum Diagnoses
26	Abigail Bowsher	Cardiovascular Risk Scores are Associated with Cerebral Perfusion in Middle-Aged but not Older Adults
28	Sara Cavaco	DRD3 Predicts Cognitive Impairment in Parkinson's Disease: Susceptibility Effects
29	Hsin-Te Chang	Similarities in dispersion of cognitive profile among individuals with subjective or amnesic mild cognitive impairment
30	Coty Chen	Peripheral GDF15 Associates with Accelerated Cognitive Aging in Community-Dwelling Adults
31	Jeanyung Chey	Purpose in Life and Brain Health in Older Adults



# POSTER SESSION 6 (continued)

32	Matthew Cohen	Cross-domain symptom profiles of MCI and dementia assessed with the NIH Toolbox	58	Melanie Johnson	Decline in Inhibition and Attentional Control Across Early Stages of Alzheimer's Disease
33	Alyssa De Vito	Medication Management Error Types: Associations with Mild Cognitive Impairment Subtype	59	Marina Kaplan	Exploring Cognitive Outcomes in the Physical Activity and Exercise Outcomes in Huntington's disease (PACE-HD) Study
34	Liselotte de Wit	Demographic Factors and Cognitive Status as Predictors of Technology-Related Self-Efficacy in Cognitively Unimpaired Older Adults and Individuals with Mild Cognitive Impairment: A Cross-Sectional Study	60	Kayle Karcher	Mild Cognitive Impairment Over Time: Stability, Reversion, and Decline Among Older Mexican Adults
35	Victor Di Rita	Comparing Neural Correlates of Object-Location Associations in Healthy Aging and Alzheimer's Disease: A Multi-Modal Approach	61	Alyssa Kaser	REM Sleep Behavior Disorder: Cognitive Performance, Functional Outcomes, and Quality of Life in Parkinson's Disease
36	Victor Di Rita	Concurrent functional Near-Infrared Spectroscopy and 6 Degree of Freedom Immersive Virtual Reality in Older Adults	62	Rachel Keszycki	Disease-Specific Severity of Amygdalar Inflammation in 3R vs 4R FTLD-tauopathies
37	Valentina Diaz	Insulin Resistance Exhibits Sex-Specific Prognostication of Memory Decline in Cognitively Unimpaired Older Adults	63	Dongyeon Kim	Unraveling the Controversy between Napping and Alzheimer's Disease: A Systematic Review
38	Kevin Duff	Short-term Practice Effects on Cognitive Tests Across the Late Life Cognitive Spectrum and how they Compare to Biomarkers of Alzheimer's Disease	64	Vincent Koppelmans	Upper Extremity Motor Dysfunction in Mild Cognitive Impairment and Alzheimer's Disease
39	Willem Eikelboom	Modeled Location Learning Test-Revised learning curves to differentiate minor and major neurocognitive disorders	65	Sophia Lall	Semantic Network Interconnectivity Impacts Word Retrieval in Multiple Sclerosis
41	Chima Ezeh	Loneliness Independently Impacts Neuroimaging-based Cerebrovascular and Alzheimer's Disease Biomarkers and Cognition in a Middle-aged, Community-based Sample	66	Melissa Lancaster	Differences in BOLD Activation Between MCI Phenotypes During an N-back Working Memory Task
42	Rosemary Fama	Executive Function and Information Processing Speed Deficits Relate to Temporal Cortical Volumes in Older Adults Living with HIV: Comparison to Parkinson's Disease and Normal Aging	67	Taylor Levine	Self-Reported Change in Memory, Attention, and Spatial Navigation is not Associated with Alzheimer Disease Biomarker Positivity in Clinically Normal Adults
43	Leslie Gaynor	Subjective Cognitive Concerns at Baseline Predict Cognitive and Brain Aging Trajectories in Cognitively Normal Older Adults	68	Paul Lewis	Association Between Olfactory Dysfunction and Neurodegenerative Disease Progression: a Systematic Review
44	Michelle Gereau	Time-Based Prospective Memory Predicts Overestimation of Performance Speed on Functional Tasks Among Community-Dwelling Older Adults	69	Aaron Lim	Financial Exploitation Vulnerability is Associated with Alzheimer's Disease Neuropsychological Profile in Older Adults Without Dementia
45	Marissa Gogniat	Bouts of sedentary behavior over 20 minutes are associated with neurodegeneration and worse cognition in older adults over a 7-year follow-up period	70	Mateo Lopez	Eyes Don't Lie: Decoding the Role of Eye Movements and Network Segregation in Object-Location Association Memory Deficits in Amnesic Mild Cognitive Impairment
46	Christopher Gonzalez	Exploring the Relationship of White Matter Hyperintensities with Subjective Cognitive Decline and Financial Management Among Cognitively Normal Older Adults	71	Mary Machulda	Behavioral and Neuropsychiatric Differences Between Two Atypical Alzheimer's Disease Variants: Posterior Cortical Atrophy and Logopenic Progressive Aphasia
47	Matthew Grilli	Direct Access to Episodic Memories is Lower in Healthy Middle-Aged to Older Adult Apolipoprotein E4 Carriers Compared to Non-Carriers	72	Mary Machulda	Determinants of Confrontation Naming Deficits on the Boston Naming Test in Participants with TAR DNA-Binding Protein 43
48	Nicholas Grunden	The Gestalt of Cognition in Cognitive Aging: A Network Approach to Cognitive Performance in Individuals with Subjective Cognitive Decline and Across the Alzheimer's Disease Continuum	73	Molly Mather	Incidental Delayed Recall of a Picture Scene as a Marker of Memory Preservation in Primary Progressive Aphasia: A Multiple Case Study
49	Ashita Gurnani	Midlife Glucose Levels Predict Cognitive Changes: The Framingham Heart Study (FHS)	74	Zarui Melikyan	Subjective Memory Complaints at Age 90+ are Associated with Risk of Incident Dementia: The 90+ Study
50	Shana Harris	Is practitioner appraisal of facial expressivity in Parkinson's disease affected by race?	75	Jennifer Miller	Processing Speed in Parkinson's Disease Patients on and off Levodopa
51	Daniel Hernandez	Retrieving autobiographical memories in autobiographical contexts: Are age-related differences in narrated episodic specificity present outside of the laboratory?	76	Rachel Mis	Naturalistic Eye Movements as Markers of Subtle Functional Decline in MCI and Aging
52	Tracey Hicks	Activity Level, Cognition, and Regional Cerebellar Volume in Healthy Aging	77	Brittany Morin	A Pipeline to Automatically Capture Speech and Language Features in Alzheimer's Disease
53	Erica Howard	CSF Beta-Amyloid-42 and Beta-Amyloid-40 Have Differential Associations with Temporal Plaque Burden and its Indirect Effects on Verbal Memory Performance	78	Emma Muller	The Montreal Cognitive Assessment (MoCA) at the Framingham Heart Study: A re-examination of the norms
54	Alexandru Iordan	Understanding the Relationships between Alzheimer's Disease Pathology, Brain Function, and Later-Life Neuropsychiatric Symptoms	79	Leeron Nahmias Cohen	Novel Cognitive Stress Test as a Measure of Cognitive Impairment in Individuals with Elevated Hemoglobin A1C in an African American Older Adult Sample.
55	Muireann Irish	Deconstructing Semantic Contributions to Imagination - Novel Insights From Semantic Dementia	81	Olivier Piguet	Grey and White Matter Correlates of Motor Speech Disturbances in Nonfluent Progressive Aphasia Syndromes
56	Muireann Irish	The Evolution of Motivational Disturbances Over the Disease Course in Frontotemporal Dementia and Alzheimer's Disease	82	Jessica Pommy	Mild Cognitive Impairment Subtypes Associated with Abnormal Functional Activation During Response Inhibition
57	Niyenth Iyengar	The Impact of Traumatic Brain Injury History on Longitudinal Functional Decline in Older Individuals With and Without Mild Cognitive Impairment: A Case-Control Study	83	Jeffrey Pyne	Cerebral Blood Flow is Associated with Memory in Older Adults with the APOE 4 Allele
			84	Sanghamithra Ramani	Impact of Diabetes on Cognition in Multiple Sclerosis
			85	Aanya Ravichander	Family History of Dementia does not Influence the Association Between SCD and Cognition
			86	Christopher Reeves	Caregiver Report Insight of Disinhibitory Symptoms and Relationship with Cognitive Functioning
			87	Yvonne Rensen	Quality of Life in Patients with Korsakoff's Syndrome
			88	Talia Robinson	Preliminary Evaluation of the Digital Maze Test in Relation to Neuropsychological Tests and AD Biomarkers
			89	Isabella Robles	Domain-Specific Changes in Informant-Rated Everyday Cognition Skills Over Time
			90	Jessica Rodrigues	Factors Predicting Fear of Alzheimer's Disease Among Women with a Family History

# POSTER SESSIONS 6-7

91	Aparna Kanmani S	Development and Feasibility of an Individualized Cognitive Augmentation Regimen for Elderly (iCARE) with mild to moderate dementia	3	Maureen Schmitter-Edgecombe	Predicting Daily Cognition and Lifestyle Behaviors for Older Adults Using Smart Home Data and Ecological Momentary Assessment
92	Rowan Saloner	Plasma phosphorylated tau-217 exhibits sex-specific prognostication of cognitive decline and brain atrophy in cognitively unimpaired adults	4	Catherine Luna	Environmental and Internal Distractors Impact Older Adults' Everyday Cognitive Performance: Ecological Momentary Assessment Study
93	Mark Sanderson-Cimino	Development and validation of a harmonized memory score for multicenter Alzheimer's disease and related dementia research	5	Libby DesRuisseaux	Daily Contextual Factors Interact with Baseline Executive Functions to Predict Daily Performance of Instrumental Activities of Daily Living: An Ecological Momentary Assessment Approach
94	Micah Savin	Faster DunedinPACE, an Epigenetic Clock for Pace of Biological Aging, is Associated with Accelerated Cognitive Aging Among Older Adults in the Framingham Heart Study	6	Yana Suchy	Criterial and Incremental Validities of Ecological Momentary Assessment (EMA) of Executive Functions
95	Bethany Schwandt	Isolated, Stable Memory Impairment Following Bilateral Hippocampal Damage Secondary to Human Herpes Virus 6 Encephalitis (HHV6) in the Context of Bone Marrow Transplant for Pediatric Leukemia	7	Mohamed Abdelghani	Competence-Performance Discrepancy in Infant Object Permanence Assessment: Systematic Review
96	Christina Sen	The Linguistic and Non-Linguistic Attentional Blink Paradigm in Aphasia	8	Sheliza Ali	The Neurological Quality of Life Cognitive Function Short Form Questionnaire: Psychometric Properties and Reliable Change in Healthy Young Adults
97	Yadurshana Sivashankar	Enhancing Memory Using Enactment in Stroke Patients: Assessing the Role of Semantic Integration and Cognitive Planning	9	Daniel Baldini	Single Errors on the Rey 15-item Test Combined Score may be Related to Suboptimal Performance on Neuropsychological Measures in a Sample of Youth Athletes
98	Jessica Stark	Exploring the Association Between Sedentary Behavior, Cardiorespiratory Fitness, and Episodic Memory in Aging.	10	Daniel Baldini	The Behavioral Assessment for Children, Second Edition, Depression Scale may Affect Performance Validity Scores in a Sample of Youth Athletes
100	Rita Taylor	Identifying Rates and Neurocognitive Drivers of Clinical-Neuropathology Diagnostic Discordance in Alzheimer's Disease	11	Daniel Baldini	The Rey-15 Item Test May be Less Accurate in Detecting Performance Validity than the TOMM or Reliable Digit Span in Youth with Attention-Deficit/Hyperactivity Disorder
101	Mehul Trivedi	The influence of planning and organizational skills during the copy trial of the Rey-Osterreith Complex Figure Test on memory for the complex figure in cognitively normal adults.	12	Alicia Bartlett	A Program Evaluation of the Neuropsychological Needs of Children with Congenital Heart Disease
102	ANGELIKI TSAPANOU	Association of cognitive polygenic index and cognitive performance with age, in cognitively healthy adults	13	Sallie Baxendale	Identifying Meaningful Change in Repeat Neuropsychological Assessments: Can Standard Deviations be used as Reasonable Alternatives to Reliable Change Indices?
103	Miwa Tucker	Reproductive Health History Associates with Neurobehavioral Outcomes in Post-Menopausal Women	14	Erica Benfield	The Modified Mini-Mental State Exam (3MS): Reliability, Validity, and Clinical Utility for Use with Traumatic Brain Injury in Inpatient Rehabilitation
104	Callie Tyner	Using the NIH Toolbox to Detect Clusters of Symptoms Across Domains in MCI and Dementia	15	Erin Burke	Examining the Relationship Between Cognitive Function and Word Frequency in the Spontaneous Speech of Healthy Younger and Older Adults
105	Ria Vakharia	Association of Environmental Factors on Neurodegenerative Disease: A Systematic Review	16	Yesica Castaño	Performance on the Latin American Spanish-Face-Name Associative Memory Exam (LAS-FNAME) among a cohort of oldest-old individuals from Colombia
106	Wei-Ming Watson	Early-life adversity predicts worse cognitive outcomes in late life among older Latinos in the San Francisco Bay Area	17	Lucia Cavanagh	Standardized Assessment of Subjective Complaints using the Current Complaints Checklist (CCC)
107	Alyssa Weakley	Examination of Compensation used on the Prince Albert Prospective Memory Test in an Older Adult Population with Cognitive Concerns	18	Naomi Chaytor	Real World Hypoglycemic Events Reduce Reaction Time and Accuracy for up to 2 Hours: Results from the GluCog Study.
108	Andrea Weinstein	Measuring Ambulatory Cognition in Older Adults at risk for Alzheimer's Disease	19	Gordon Chelune	Diagnostic Validity and Test Operating Characteristics of Robust Demographically-Adjusted Montreal Cognitive Assessment Data
109	Emma Weizenbaum	Feasibility and Validity of the Multi-Day Boston Remote Assessment of Neurocognitive Health (BRANCH) Among Cognitively Unimpaired Older Adults and Those with Mild Cognitive Impairment	20	Phoebe Clark	Rates of Performance Validity Testing Failure in Adults Treated for Post-COVID-19 Condition
110	Julianne Yoon	Investigating Neural Associations of Apathy in Alzheimer's and Parkinson's Disease Using Track-Weighted Dynamic Functional Connectivity	21	Hannah Darwazah	Performance on the Identi-Fi in a Mixed Older Adult Clinical Sample
111	Antonia Zouridakis	Anatomic Selectivity of Cortical Neuronal and Glial Tau in Behavioral Variant Frontotemporal Dementia with 4R FTLD-tau	22	Neha Dubey	Perseveration and Switching on a Semantic Verbal Fluency task
			23	Peter Durham	Evaluating performance validity within a post Intensive Care Unit (ICU) population
			24	Jos I.M. Egger	A Time-Series Approach to Random Number Generation: the Differences Between Static and Dynamic Measurements of an Executive Function Task
			25	Alexander Eisenstein	Exploratory Factor Analysis of the Saint Louis University Mental Status Exam (SLUMS) in an Outpatient Neuropsychology Sample
			26	John-Christopher Finley	A More Personalized Approach to Selecting Performance Validity Test Cutoffs
			27	John-Christopher Finley	Performance Validity Testing for Dementia Patients with Profound Memory Impairment
			28	ava flanagan	A Factor Analytic Study of the WISC-V in Children Referred for Psychological Assessment Due to Persistent Academic Difficulties
			29	Emily Flores	Comparing Trail Making Test-Derived Performance Validity Tests in Moderate to Severe Traumatic Brain Injury
			30	Joshua Fox-Fuller	Evaluating the Clinical Agreement Between the Oral and Written Trail Making Tests in Patients with Movement Disorders
			31	Joshua Garcia	Evaluating a Short-Form Version of the Subjective Memory Complaints Questionnaire

## Friday February 16

10:15–11:30 AM

### Poster Session 07

**Assessment/Psychometrics | Forensics/ Noncredible Presentations**

**Room: 6th Floor, Shubert & Majestic Complexes**

1	Yana Suchy	From Bench to the Clinic: Neuropsychological Applications of Ecological Momentary Assessment with Older Adults
2	Yana Suchy	Ecological Momentary Assessment (EMA): Primer on Methods, Feasibility, Research Contributions, and Clinical Utility

# POSTER SESSIONS 6-7

32	Joshua Garcia	Identifying Short-Form Version of the Subjective Memory Complaints Questionnaire	60	Sofia Lesica	Further Validation of the Parent-Reported ADHD Symptom Infrequency Scale (PRASIS) in Parents of Children with Oppositional Defiant Disorder and Anxiety
33	Felicia Goldstein	Receptive Vocabulary is a Clinically Useful Surrogate Marker for Quality of Education	61	Rebecca Levitt	Relationship Between Cognitive Flexibility and Internalizing/Externalizing Disorders in Children with Neurofibromatosis Type 1
34	Christopher Gonzalez	Understanding Cognitive Challenges: Subjective Cognitive Impairment is Associated with Failure on Symptom Validity Tests but not Performance Validity Tests	62	Melissa Levy	Relationship of Block Design with Motor Function
35	Lisa Graves	Participant-Informant Sex/Gender Dyad Differences on Reports of Daily Functioning	63	Laura Liao	Confirmatory Factor Analysis of the Harmonized Cognitive Assessment Protocol (HCAP) in the Chinese Health and Retirement Longitudinal Study (CHARLS)
36	Katherine Hackett	Day-to-Day Variability in EMA-Based Subjective Cognition and Mood is Associated with Negative Outcomes Among Older Adults in a Smartphone Digital Phenotyping Study	64	Elizabeth Lichtman	Neuropsychological Case Study: Use of Serial Neuropsychological Assessment for Patient-Tailored Resective Dominant Temporal Lobe Epilepsy Surgery
37	Andrew Hale	Cross-Validating Learning Ratio for the Repeatable Battery for the Assessment of Neuropsychological Status	65	Spencer Liebel	Comparing measurement of verbal fluency abilities on the COWAT and D-KEFS VF
38	Andrew Hale	More cutoffs, more problems: A case for logistic regression in clinical assessment	66	Daniel Lopez	Dot Counting Test Performance and Self-Perceived Demand in Mexicans With Anxiety
39	Alexa Halliburton	Depression Is Not Associated With Working Memory Performance or Performance Validity Testing Among Adult ADHD Referrals	67	Daniel Lopez	Examining the Impact of the Recent New Dot Counting Test Cut-Off Score in a Depressed Spanish Speaking Population
40	Aya Haneda	The Predictive Power of Memory Performance on the MoCA on Comprehensive Memory Performance: Evidence from a Memory Disorders Clinic	68	Daniel Lopez	Language-Specific Effects on Verbal Fluency Performance in Spanish-English Bilingual Speakers
41	Ynes Hendriks	Dynamic Testing in a Heterogeneous Clinical Sample: A Feasibility Study	69	Maryse Luijendijk	Modeling Nonlinear Age Effects on Cognition: Advanced Statistical Methods for Establishing Normative Data
42	Ashley Heywood	Trail Making Test - Part B Discontinuation is Associated with Worse Performance Across Multiple Cognitive Domains, but not with Psychological Distress	70	Anna MacKay-Brandt	Measuring Attention Continuously: The Continuous Performance Critical Stability Test (cpCST)
43	Robin Hillsabeck	Validation of BrainCheck's Digit Symbol Substitution Task (DSST) in a mixed clinical sample	71	Aleksandra Ma kowska	Intraindividual differences in the efficiency of the attentional-executive system in COVID-19 convalescents
44	Jennifer Hoots	Differences in Clinical Utility of Cognitive Screening with the Mini-Mental State Examination and Montreal Cognitive Assessment in Veterans Evaluated for Transplant Listing	72	Priscila Marques	Cognitive Predictors of Performance in the Verbal Fluency Task as a Function of Time: Is There an Effect of Semantic Category?
45	Megan Hussey Zommers	The 10-Item Version of the Word Choice Test (WCT): A Replication Study	73	Stephanie McManimen	Memory Crystal Ball or Just a Mirage? Prospective Memory as a Predictor of Cognitive Decline
46	Eric Ingram	Initial Psychometric Examination of the Speech and Language Scale: A Self-Report Questionnaire of Receptive and Expressive Language Abilities	74	Stephanie McManimen	Unmasking the Effects of Facial Cues on Verbal Learning
47	Adrienne Jankowski	Examining the Psychometric Properties of an Alternative Scoring System for the Repeatable Battery for the Assessment of Neuropsychological Status Part 1: Figure Recall	75	Sandra Meza-Cavazos	Mexican Validation of a Short Online Form of the Faux Pas Test
48	Adrienne Jankowski	Examining the Psychometric Properties of an Alternative Scoring System for the Repeatable Battery for the Assessment of Neuropsychological Status Part 2: Figure Copy	76	Craig Miller	A Multiple Regression-based Approach to Calculating Reliable Change
49	Samhita Katteri	TabCAT Birdwatch - a Novel Digital Associative Memory Test for Assessment of Diverse Older Adults	77	Brett Montgomery	Comparing a Comprehensive Neuropsychological Battery Diagnosis to a Diagnosis Given by a Brief Computerized Assessment Tool
50	Jack Kaufman	Short form (30-Second) Phonemic Fluency in Older Adults: As Good as the Standard?	78	Ian Moore	Modified Scoring System for the Montreal Cognitive Assessment (MoCA) to improve Diagnostic Accuracy
51	Humza Khan	BDS-II factors as Predictors of Performance on Executive Functioning Measures	79	Michelle Morgan	Impact of Depression and Anxiety Symptoms on Executive Functioning Skills in Older Adults
52	Nusha Kheradbin	Differential Clinical Utility of Forward, Backward, Sequencing Components of Digit Span in a Pediatric Sample	80	Cynthia Munro	Alternate Forms of the Original Trail Making Test: Evidence of Equivalence from a US Sample
53	Jacqueline Kim	A Predictive Model of Lung Transplant Recipients' Lung Functioning and Survival Rate Using Pre-Surgical Neuropsychological Measures	81	Dorie-Mae Nicolas	Correlation Between Learning and Memory Performance on a Computerized Cognitive Assessment and a Pencil-and-Paper Traditional Neuropsychological Measure
54	Kassandra Korcsog	The Interrelationship Among Variables Used to Estimate Premorbid Functioning in Collegiate Athletes	82	Catherine O'Brien	The Clinical Value of Neuropsychology Screening in an Outpatient Veteran's Affairs Clinic
55	Nicole Kubinec	Consistency and Test-Retest Reliability of the PROMIS Scales For Use in Long Term Follow Up Clinics	83	Max Obolsky	Utility of Multiple Embedded Performance Validity Tests in Predicting TOMM Classification Performance Within a Traumatic Brain Injury Sample
56	Collin Lee	Examining the Measured and Reported Executive Dysfunction in Children with ADHD and ASD	84	Jennifer Osborne	The Effect of Symptom Cluster and Gender on Multi-Informant Reporting Discrepancies Among Youth in the Child Welfare System
57	Rico Lee	The Role of Demographic Factors in Risky Decision-Making and Executive Dyscontrol: A Large, Multinational Observational Cohort Study Using a Gamified Neurocognitive Battery	85	Brianna Peet	Psychological Distress and its Impact on Glial Fibrillary Acidic Protein and Neuropsychological Outcomes in Middle-Aged Latinx, Black, and White People
58	Mira Leese	The MIL Test and The Making Change Test: Validation of Two Web-Based Performance Validity Tests	86	Matthew Phillips	Relationship Between MMPI-2-RF Cognitive Complaints Scale Elevations and Performance Validity Testing in a Mixed Neuropsychiatric Clinical Sample
59	Petra Legaspi	Depressive Symptoms, but not Anxiety or COVID-19-Related Stress, Mediate the Association Between COVID-19 Infection and Self-Reported Executive Dysfunction	87	Matthew Phillips	Relationship Between Performance Validity Tests and Elevated Response Rates on MMPI-2 Symptom Validity Scales in a Mixed Neuropsychiatric Veteran and Active-Duty Sample
			88	Maria Pleshkevich	Measuring Real-Life Creativity Via Occupation Development and Initial Validation of a New Naming Task: The Southwestern Item Fluency Test (SWIFT)
			89	Chase Presley	The Value of a PeCAN Clinic to Florida's Seniors Electing Surgery with Anesthesia: Patient Satisfaction for a Preoperative "Brain Wellness" Exam
			90	Catherine Price	

1:45–3:00 PM

## Poster Session 08

### Cognition | Cognitive Reserve Variables

Room: 6th Floor, Shubert & Majestic Complexes

91	Denise Prieto	Assessing Crystallized Intelligence Acutely after Traumatic Brain Injury (TBI) in Bilingual Children
92	Brian Ramanaukas	Performance validity tests (PVT) should be able to accurately identify invalid cognitive performance on neuropsychological tests while simultaneously guarding against unacceptable false positive rates among validly-performing examinees with authentic cognitive impairment. We assessed the effect of processing speed impairment on the Rey-15 Item Test (RFIT) to determine whether its accuracy as a PVT remains robust in the context of speed deficits. Analyzing the Effect of Processing Speed Impairment on the Rey-15 Item Test's Accuracy as a Performance Validity Measure
93	Nathan Ramirez	Analyzing the Predictive Value of the Trail Making Test on Moderate to Extensive White Matter Hyperintensities in Adults with Hippocampal Atrophy, CSF-Tau/pTau, and Fluorodeoxyglucose-Positron Emission Tomography (FDG-PET) Pattern of Alzheimer's Disease
94	Christopher Reed	Test-Retest Reliability and Practice Effects of Neuropsychological Measures of Attention in Undergraduate Students
95	Anthony Robinson	WAIS-IV Working Memory and Processing Speed Indices as Embedded Validity Indicators in Adult ADHD Assessments
96	Ro Robotham	Comparing Fatigue Self-Report Assessment Tools in Youth and Adults with Cerebral Palsy
97	David Rosado Rolon	A Novel Approach to Semantic Network Analysis Using Category Fluency Data
98	Ashlyn Runk	Twenty Years of the Neuropsychological Assessment Battery (NAB): A Systematic Review
99	Elaine Schultz	Gender Differences in PVT Performance and Clinician Perception of Credibility
100	Elaine Schultz	Validation of an Embedded Performance Validity Test Formula Within the Repeatable Battery for the Assessment of Neuropsychological Status (RBANS) in a Clinical Sample of Adult Veterans.
101	Jordan Schwartz	Diagnostic Potential and Comparability of Extracted 64-Card Short Form Wisconsin Card Sorting Test With 128-Card Standard Form
102	Stephanie Simone	Principal Component Analysis of the Motivation to Change Lifestyle and Health Behaviors for Dementia Risk Reduction (MCLHB-DRR) Scale in a Middle-Aged American Sample
103	Reid Skeel	Frequency of Everyday Memory Errors as Captured by Ecological Momentary Assessment
104	Cassidy Soto	Limited Association of the NIH Toolbox Cognition Battery and Standard Neuropsychological Measures in Patients with Parkinson
105	Jessica Springer	Neuropsychological predictors of insight on the Behavioral Dyscontrol Scale-II (BDS-II)
106	Marnina Stimmel	Evaluating the English and Spanish Telephone Montreal Cognitive Assessment in Culturally Diverse Older Adults
107	Marnina Stimmel	Rural versus Urban Addenbrooke's Cognitive Examination-III performances in a Community Sample of Older Adults in Kerala, India
108	Sheila Mae Thompson	Executive Function is Associated with Fear of Falling in Older Adult Veterans
109	Gianna Tunzi	Task-Specific Metacognitive Ratings as a Predictor of Objective Memory Impairment
110	Talamahe'a Tupou	Fearful Temperament of Youth Athletes Predicting Performance on Reliable Digit Span and the Rey 15-Item Test
111	Hannah VanLandingham	Can You Repeat That? Deficits in First Trial Learning Do Not Predict Reliable Digit Span Failure.
112	Serena Veith	The Pizza Pie Test: A New Screening Measure for Cognitive Impairment and Alternative to the Clock Drawing Test
113	Amáta Vig	Executive Difficulties in the Daily Life of Individuals with a Previous Cardiac Event: Psychometric Properties of the Dysexecutive Questionnaire (DEX)
114	Alyssa Weakley	Comparing the Verisimilitude of Real-World, Performance-Based, and Neuropsychological Tasks
115	Nicole Whiteley	Microslips and their Correlates on a Test of Error Monitoring
116	Dana Wong	Investigating the Construct Validity of a new Patient-Reported Measure of Neuropsychological Assessment Outcomes: the Proximal Outcomes of Neuropsychology Tool (PrONTo)

1	Silvia Chapman	Addressing Bias in Self-Awareness: a Cross-Disciplinary Symposium
2	Elodie Bertrand	Retrospective and Prospective Memory Predictions in Aging
3	Serena Sabatini	Cognitive Trajectories: Exploring the Predictive Role of Subjective Cognitive Aging for Cognitive Functioning
4	Maia McLin	Caregiver Status Moderates Endorsement of Subjective Cognitive Decline
5	Teresa Facchetti	Exploring Over- and Underestimation of Language Difficulties in Left Unilateral Brain Damaged Patients
6	Mathena Abramson	Lifetime Stress Exposure, Social Support and Cognition in Older Latinos and Non-Latino Whites: A Preliminary Investigation
7	Danyah Ahmed	Association of Atherosclerotic Cardiovascular Risk with Cognitive Performance in a Representative Community Sample: A Ten-Year Follow-Up
8	Namitasai Ande	The Moderating Effects of Trauma on the Relationship Between Neighborhood Deprivation and Cognitive Functioning
9	Christopher Anzalone	Advancing the Understanding of Factors that Influence Neuropsychological Functioning in Pediatric Kidney Failure
10	Nikhil Bhimireddy	Analysis of Western and Mediterranean Diets on Brain Function and Cognition: A Systematic Review
11	Heather Bouchard	Self-Reported Concussion History is Unrelated to Cortical Structure in Collegiate Athletes
12	Gabriell Champion	Understanding the Impact of Physical Activity on the Unity and Diversity of Executive Function in Older Adults
13	Paul Cirino	Cognition and Math and Reading Overlap in Community College Students
14	Sam Collins	Activity Level, Genetic Status, and Processing Speed in Middle-Aged Adults
15	Annabell Coors	Cognitive Reserve and Personality Traits
16	Ana Cueli	Neuropsychological Pattern of Performance in Veterans with Kidney Dysfunction
18	Caitlin Dougher	Sleep Wake Chronotype, Congruency of Testing Time, and Cognitive Performance
19	Tara Driskill	Cardiovascular Disorders in Relation to Diagnosis and Timing of Alzheimer's Dementia
20	Mario Dulay	Cognitive Reserve Protects Executive Abilities After CVA to Feedforward and Feedback Loops of the Executive Function Network
21	Mario Dulay	Multilingualism as a Protective Factor and Emotion Distress as a Harmful Factor for Executive Deficits After CVA
22	Kasey Escamilla	Sleep and Cognition in Hispanic/Latin American Adults: A Systematic Review
23	Andrew Fox	Association of Residualized Cognitive Reserve on Cognitive Function in Older Adults with Multiple Sclerosis
24	Isabelle Gallagher	Dietary saturated fat intake moderates the relationship between triglyceride levels and memory in middle-aged adults
25	McKenna Garland	CLIPPERS Syndrome: A Neuropsychological Case Study
26	Averi Giudicessi	Association between Reproductive History and Cognition in Post-Menopausal Latinas from the Boston Latino Aging Study
27	Genifer Goldsmith	The Association of Menopause Symptoms and Perceived Cognitive Function Among Breast Cancer Survivors on Endocrine Therapy
28	Andrew Gradone	Exercise Walking Pace in Older Adults and its Relationship with Cognition and Mood After Two Years
29	Lydia Grenko	Behavioral Activation Effects on Cognition in Co-Occurring Type 2 Diabetes and Depression: A Pilot Study
30	Hannah Hagy	Cognition in the Context of Complete Sensory Neuropathy
31	Kimberly Henderson	Exploring the Impact of Aerobic Exercise Intensity on Brain Health and Psychological Resilience

# POSTER SESSIONS 8-9

32	Sarah Inkelis	Childhood Reading/Spelling Difficulties' Associations with Later-Life Cognitive Status and Task Performance: Potential Implications for Cognitive Decline	62	Daniel Saldana	Longitudinal Case Analysis of a Multilingual Patient with Parkinson's Disease: The Role of Self-Care and Interventions in Cognitive Reserve and Resiliency
33	Kharine Jean	The Role of Education in Moderating the Relation Between Social Support and Memory in an Ethno-Racially Diverse Sample of Older Adults	63	Anya Savransky	Exploration of the Relationship Between Cumulative Lifetime Stress and Cognitive Function in a Sample of College Students.
34	Yonah Joffe	Frailty Severity on Preoperative Cognitive Abilities in Attention and Memory	64	Kiana Scambray	Psychological Resilience is Associated with Better Cognition Across the Intersection of Race and Gender
35	Laura Jones	Chronic Stress Predictors of Immediate vs. Delayed Memory Scores in A Military Veteran Population	65	Mary Simons	Child Opportunity and Area Deprivation Indices Associations with Estimation of Premorbid Function in Children with Acquired Brain Injury
36	Kayla Julio	Gastrointestinal dysbiosis and cognition in Parkinson's Disease	66	Patrick Smith	Lifestyle Modification and Cerebrovascular Health in Resistant Hypertension: Examining Treatment-Related Correlates of Improved Cerebrovascular Reactivity
37	Ashley Jutras	Subjective vs. Objective Neuropsychological Outcomes of Gulf War Veterans with Gulf War Illness	68	Jennifer Thompson	Sleep Quality and Visual Learning in Middle-Aged Adults
38	Elizabeth Kapla	Associations Among Early-Life Adversity, Hippocampal Volume, and Cognitive Performance in Non-Demented Individuals With Autosomal Dominant Alzheimer's Disease	69	Aren Tucker	The association between habitual sleep duration, depressive symptoms, and cognitive performance changes in a community-based sample of middle-aged adults and older adults
39	William Killgore	The Neurochemistry of Good Sleep: A Proton Magnetic Resonance Spectroscopy Study	70	Foysal Uddin	Associations Between Subjective Socioeconomic Status and Cognition in Racially and Ethnically Diverse Middle-Aged Adults
40	Mary Kosmidis	Late-life Cognitive Effects and Dementia Prevalence Among Early Childhood War Survivors	71	Devin Ulrich	The Impact of Trauma on Executive Functioning in End Stage Organ Failure Patients
41	Heather Kwan	The Impact of Modifiable Risk Factors on Grey Matter Volume in Healthy Aging Women	72	Darius Vann	Race and Neighborhood Disadvantage Moderate the Relationship between Psychological Resilience and Cognitive Impairment in Black and White Adults with Multiple Sclerosis
42	Iiris Kyläheiko	Associations of Cerebral Small Vessel Disease with Cognitive Functions and Subjective Work Ability in Middle-Aged Adults with Type 1 Diabetes	73	Malorie Watson	Does Objectively Measured Sleep Affect Cognition in Healthy Young Adults?
43	Christina Lee	Examining Associations of Prenatal Maternal Depression and Dyadic Mutuality with Children's Executive Functioning	74	Qingyang Zhu	CREST and Cognition in Systemic Scleroderma
44	Tommy Li	Exploring the Interplay Between Sleep Patterns, Hormones, and Cortisol: Insights from Mice and Human Studies	<b>3:30–4:40 PM</b>		
45	Elise Liljekvist	Cognitive Function in Older Adults with Congenital Heart Disease: Results of a National Centre Study	<b>Poster Session 09</b>		
46	Theresa Lin	Sleep Disordered Breathing, Cognition, and Body Mass Index in Young Adults	<b>Epilepsy   Oncology   MS   Infectious Disease</b>		
47	Anthony Longoria	Perceived Psychosocial Disadvantage Predicts Cognitive Impairment in a Preliminary 10-year Follow-up to the Dallas Heart Study	<b>Room: 6th Floor, Shubert &amp; Majestic Complexes</b>		
48	Kitty Lui	Sleep Apnea, Hypertension, and Tau Pathology in Older Women with Increased Alzheimer's Risk	1	Jacqueline Becker	Neuropsychology in the Era of SARS-CoV-2
49	Kalliopi Megari	The Protective Role of Cognitive Reserve in Neurocognitive functions in Cardiac Surgery patients	2	Bernice Marcopulos	Global Dimensions of Neuropsychological Assessment after COVID-19
50	Lex Minto	Cognition and Sexual Wellbeing: A Systematic Review and Meta-Analysis	3	Lucette Cysique	An Overview of Biomarker Research in PASC-Associated Cognitive Deficits
51	Caroline Nester	Association Between Adverse Childhood Experiences (ACEs) and Executive Dysfunction Within an Adolescent Psychiatric Inpatient Sample	4	Jan Stubberud	Cognitive rehabilitation of executive functions and attention in Post-Acute Sequelae of SARS-CoV-2 (PASC): A randomized controlled trial
52	Dorie-Mae Nicolas	Effect of Smoking Status and Years of Education on Visuomotor Set-Shifting Performance Using the Trails Making B Test	5	Jacqueline Becker	The Cognitive Effects of SARS-CoV-2
53	Catherine O'Brien	Physical Reserve as a Predictor of Cognitive Outcomes Among Older Adults	6	Catherine Widmann	The Relationship Between COVID-19 and Neurodegenerative Disease
54	Emery Oneale	The Effect of Smoking Cigarettes on the Cognitive Functioning of Patients with Parkinson's Disease	7	Natasha Ludwig	Neuropsychological Care in Early Life Epilepsies: From Referrals to Outcomes
55	Caroline Painter	Exploring the Impact of Poor Metabolic Health and Sleep Time On Verbal Learning and Memory in Midlife Adults	8	Don Bearden	Neuropsychological Referral Practices in Early Life Epilepsy: A Survey of the Pediatric Epilepsy Research Consortium
56	Katherine Paltell	The Neuropsychological Profile of an 11-Year-Old Female with a Pathogenic Variant of the GRIA2 Gene	9	Katrina Boyer	Pre-Surgical Neuropsychological Evaluations with Young Children
57	Celina Pluim	Sleep Fragmentation and Self-Reported Insomnia and Poor Sleep Quality are Associated with Subjective Cognitive Decline in Older Adults	10	Mary Wojnaroski	Performance of the Developmental Profile, Fourth Edition in Children with Profound Impairment Associated with Developmental and Epileptic Cephalopathy
58	Susan Ragusa	Differences Amongst Cognitive Reserve Variables and Subjective Cognition in Older Adults	11	Natasha Ludwig	Initial Use of a Parent-Report Measure of Responsivity in Children with Profound Impairment Associated with Developmental and Epileptic Cephalopathy
59	Daniel Rallison	Participation in Protective Lifestyle Activities, Age-Related Cognitive Impairment, and Apolipoprotein E Epsilon 4 Genotype	12	Sajda Adam	Assessing Real-World Medication Adherence in People Living with HIV in the Era of One-Pill Regimens: The Role of Cognition, Self-Report, and Performance-Based Assessments
60	Angelys Rivera-Hernández	Associations Between Physical Activity and Markers of Alzheimer's Disease Pathology in Non-Demented Carriers of Autosomal Dominant Alzheimer's Disease	13	Demy Alfonso	Neurodevelopmental Profile of a Pediatric Patient with Catamenial Epilepsy
61	Lindsay Rotblatt	Impact of Cigarette Smoking on Amyloid Burden and Cognition in Older Veterans: Exploring the Moderating role of APOE Genotype	14	Caroline Armknecht	Pupillometry as an Indicator of Fatigue in Multiple Sclerosis
			15	Farah Aslanzadeh	HVLT-R Process Variables in Patients with Brain Tumors: Relationship with Measures of Executive Function
			16	Tara Austin	Relationship of Pre-Pandemic Cognitive Function to Contagious Illness Mitigation Behaviors During the COVID-19 Pandemic

# POSTER SESSION 9 (continued)

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|----|----------------------|--|----|-------------------------------|--|
| 17 | Aleksandra Bala      | Acromegaly and Its Impact on Cognitive Functioning in Patients with Pituitary Adenoma  | 48 | Jasia-Jemay Henderson--Murphy | Healthcare Inequities and Systemic Barriers: Examining Medical Trust Among Black/African American Adults with HIV  |
| 18 | Urja Bhatia          | Neuropsychological Functioning in Sarcoidosis  | 49 | Alexandra Hernandez-Vallant   | Parkinson's Disease Among American Indian and Alaska Native People: A Social Determinants of Health-Informed Systematic Review   |
| 20 | Katie Brundage       | Clinical Utility of the Ascertain Dementia 8 and the Association of Cognition on Perceived Subjective Cognitive Complaints in Older Adults with Multiple Sclerosis | 50 | Nahal Heydari                 | Here's the Story: WMS-IV Logical Memory Performance in Temporal Lobe Epilepsy  |
| 21 | Sofie Buer           | Executive Complaints Following COVID-19: A Cross-Sectional Population Study from the Norwegian COVID-19 Cohort Study   | 51 | Sepideh Heydari               | Robustness of Balance-Related Digital Biomarkers in Differentiating People with Multiple Sclerosis (MS) from People Without MS.  |
| 22 | Christopher Cagna    | Trait Fatigue Does Not Impact Performance on the Symbol Digit Modalities Test (SDMT) in Multiple Sclerosis: A Pilot Study  | 52 | Valerie Humphreys             | Exploring Cardiovascular Risk as a Mediator of the Relationship Between Perceived Racial Discrimination and Cognitive Performance in Black Adults Living with HIV                              |
| 23 | Krystal Christopher  | Cognitive Mediators of Quality of Life in Pediatric Medulloblastoma Survivors: A Comparison of Survivors with and without Postoperative Cerebellar Mutism Syndrome | 54 | Michael Jaworski              | Predictors of Employment Decline in People with Multiple Sclerosis   |
| 24 | Cari Cohen           | Inpatient Encephalopathy and Neuropsychological Outcome of COVID-19 in a Post-Rehabilitation Sample  | 55 | Abhishek Jaywant              | Cognitive Symptoms and Their Association with Sociodemographic Characteristics, Mood, Daily Function, and Employment in 1600+ Individuals with Long COVID                                      |
| 25 | Hannah Cohen         | The Association Between Perceived Social Support, Cognition, and Mobility in Older Adults with and without Multiple Sclerosis                                      | 56 | Hyun Jin Kang                 | Antiseizure Medication Effects on the Boston Naming Test Response Time   |
| 26 | Amanda Cook          | Aspects of Executive Functioning and their Relationship to Adaptive Skills in Pediatric Cancer Survivors   | 57 | Zoe Kearns                    | Preliminary Outcomes of Routine Neuropsychological Screening in a Pediatric Cancer Center  |
| 27 | Sarah Cote           | Frontal-Striatal Tract Integrity and Depression in Older Adults With and Without Multiple Sclerosis  | 58 | Greta Keller                  | Low-Grade Gliomas surgery in Latin America: The role of awake surgery in preserving cognitive and quality of life integrity.   |
| 28 | Brittany Crowley     | Utility of the Rey Auditory Verbal Learning Test for Identifying Left and Right Temporal Lobe Epilepsy Using the Mayo Normative Studies Norms                      | 59 | Doyen Kim                     | The Reliability and Validity of Multiple Sclerosis Resiliency Scale (MSRS) among Older Adults with Multiple Sclerosis (OAwMS)  |
| 29 | Toni Curry           | Socioeconomic Status and HIV: Effects on Cognitive Growth in Children in Tanzania  | 60 | Caroline Kocher               | Combating Depression in Individuals with HIV: Comorbid Treatment May be the Key  |
| 30 | Allison del Castillo | Executive Functioning Predictors of the Transition from Pediatric to Adult Healthcare in Young Adults with Spina Bifida  | 61 | Lenka Kramska                 | Validation of the Czech version of Repeatable Battery for the Assessment of Neuropsychological Status (RBANS) in healthy volunteers and PNES patients  |
| 31 | Tess Dishaw          | Association of Forebrain Parenchyma Volume with Self-Reported Depression and Anxiety in Epilepsy Presurgical Workup  | 62 | Madison Landry                | Loneliness but Not Social Isolation Cross-sectionally Associated with Worse Cognitive Function in Older Adults During COVID-19   |
| 32 | Emily Dvorak         | Paired Associate Learning is More Sensitive to Memory Changes than Traditional Memory Tasks in Persons with MS   | 63 | Robert Leavenworth            | Validation of the Patient-Determined Disease Steps in Older Adults with Multiple Sclerosis   |
| 34 | Ellie Embry          | Cognitive and Emotional Recovery Following Brain Tumor Resection: A Case Study   | 64 | Sofia Lesica                  | Brief Visuospatial Memory Test-Revised (BVMTR) Performance in Temporal Lobe Epilepsy   |
| 35 | Ana Eustace          | Associations between Subcortical Gray Matter Volume and Disease Duration in Older Adults with Multiple Sclerosis   | 65 | Chieh Ning Li                 | The Application of the Community Mental Status Examination (CMSE) to the non-CNS Cancer Population in Taiwan: evidence from pre-chemotherapy Colorectal cancer patients                        |
| 36 | Tracy Fabri          | Fatigability on a Sustained Attention Task and Whole Brain White Matter Microstructure in Pediatric-Onset Multiple Sclerosis (POMS)                                | 66 | Yanrong Li                    | Within-visit Blood Pressure Variability and Cognitive Performance in Middle-Aged Adults with Metabolic Risks   |
| 37 | Rosemary Fama        | Thalamic Correlates of Cognitive and Motor Functions in HIV infection, Alcohol Use Disorder, and Their Comorbidity   | 67 | Athanasia Liozidou            | Neurobehavioral Symptoms in COVID-19 "Long Haulers"  |
| 38 | Eleftheria Fithian   | Executing Functioning and Social Communication in Children with Co-Occurring Epilepsy and Autism Without Intellectual Disability                                   | 68 | Kristine Lokken               | Cognitive Trajectory of Post-Acute Sequelae of COVID-19 (PASC) in a Clinical Sample at Baseline and Follow-up  |
| 39 | Eva Foged            | The COGVID Study Part II: Investigating Cognitive Complaints in Outpatients with Long COVID  | 69 | Jessica Luedke                | Examining the Neuropsychological Profile of Pediatric Long COVID: Influence of Pre-Existing Mood and Attention   |
| 40 | Lauren Frick         | Cognitive Outcomes in Pediatric Cancer Patients: A Brief Review of Literature from 2018-2023   | 70 | Maryse Luijendijk             | Cognitive Functioning in Melanoma Patients Treated with Immuno- or Targeted Therapy  |
| 41 | Carmen Garcia        | BMI and Psychological Health in Long Covid-19 Patients: An Exploration of Cognitive Function, Anxiety, Depression, Apaty, Fatigue and General Health Status.       | 71 | Di-Hua Luo                    | Perceived Physical and Mental Fatigability in Aging With and Without Multiple Sclerosis  |
| 42 | Parker Garrett       | Comparing BASC-3 Functional Impairment and ABAS-3 Global Adaptive Composite Scores in Pediatric Cancer Patients  | 72 | Kelly Macdonald               | Predictors of Reading Comprehension Among Children with Epilepsy   |
| 43 | Marianne Gorlyn      | Independent Phonemic/Semantic Fluency Deficits in a PTLT Clinic Population   | 73 | Diana Maluku                  | Convergence Insufficiency and Cognitive Abilities in Multiple Sclerosis: A Pilot Study   |
| 44 | Jonathan Grabyan     | Utilizing Shortened Versions of the SIMS to differentiate PNEE and Epilepsy in a Veteran-Based Epilepsy Monitoring Unit  | 74 | Maria Martin                  | Design of Fronto-Temporal Cognitive Tests in SEEG (Stereoencephalography) using Direct Electrical Brain Stimulation (DBS): Caase-Report.   |
| 45 | Nicholas Grunden     | Longitudinal Neuropsychological Profiles of Post COVID-19 Condition: Reassessing Individuals with Initial Cognitive Complaints in a 1-Year Follow-Up Study         | 75 | Robyn McDaniel                | Investigating the Impact of Oral Hygiene Behaviors and Subjective Oral Health on Cognitive Aging and Well-being in Diverse Aging Populations   |
| 46 | Lillian Ham          | Latent profile analysis of cognitive performance and depressive symptoms among people with HIV   | 76 | Katelyn McVeigh               | Autobiographical memory episodic specificity derived from structured interviews predicts the specificity and frequency of naturalistically observed, everyday autobiographical thought sharing |
| 47 | Jared Hammond        | Identi-Fi Performance in a Clinical Sample of People with Epilepsy   | 77 | Alicia Milam                  | Examining the Role of Serum Biomarkers in the Association Between Hippocampal Internal Architecture and Cognitive Impairment in Multiple Sclerosis   |

# POSTER SESSIONS 9-10

78	Greta Minor	The Relationship Between Performance Validity Test Failure and Psychological Functioning in Long COVID
79	Sanya Mital	Investigating the Effects of Bilingualism on Verbal Fluency Among Pediatric Brain Tumor Patients
80	Szimonetta Mulati	Language Problems and Confounding Variables Contributing to Social Withdrawal in Pediatric Patients with Epilepsy
81	Chantal Muller-Cohn	Using Mood to Predict Postsurgical Memory Change in Epilepsy Patients
82	Andrea Mustafa	Implications of Vascular Depression for Successful Cognitive Aging in HIV Disease
83	Melissa Myers	Failure on ACS Word Choice Test and its Association with Other Neuropsychological Measures in Adults with Epilepsy
84	Meghan O'Brien	Functional Language Concerns and Longitudinal Outcomes Following Pediatric Brain Tumor in Early Childhood
85	Agnieszka Olejnik	Cognitive Deficits in Patients with Insular Tumors
86	Leah Orlinsky	Neuropsychological Test Findings 32 Years Post Neurotoxicant Exposures: The Fort Devens Cohort
87	Ronnise Owens	Correlation of Self-Reported Memory Challenges and Recall Performance on the RAVLT in Long COVID Patients
88	Brigitte Pace	Verbal Fluency and Frontostriatal White Matter Integrity Among Older Adults with Multiple Sclerosis
89	Tanya Paes	Processing Speed and Executive Function Skills in School-Aged Survivors of Brain Tumors
90	Sydney Park	Examination of Demographic and Clinical Variables Associated with Lateralization of Cognitive Dysfunction with the Cognitive Lateralization Rating Index (CLRI) in Pediatric Epilepsy
91	Anjali Patel	COVID-19 Disease Outcomes and Acute Neuropsychiatric Symptoms Among Patients with Multiple Sclerosis
92	Karlee Patrick	Utility of the Brief Assessment of Cognitive Health (BACH) Computerized Screening Tool in Identifying MS-Related Cognitive Impairment
93	ANN PAUL	Mapping Neurocognitive Functions in Awake Craniotomy for a Glioma Patient: A Case Report
94	Joanna Peters	The Neuropsychological Profile of a Pediatric Patient with Disseminated Pilocytic Astrocytoma
95	Kristoffer Petterson	The COGVID Study Part I: Characteristics of help-seeking outpatients with long COVID
96	Holly Phelps	Neuropsychological Functioning and Reliable Change After Awake Craniotomy
97	Riikka Pihlaja	Self- and Informant-Reported Everyday Executive Functioning After COVID-19
98	Justyna Piszczor	Neuropsychological Findings Associated with Left Occipital Lobe Brain Abscess Following Two Craniotomies
99	Jordan Pumphrey	Assessing Emotion Recognition Among People with Multiple Sclerosis Using a Multi-Dimensional Task
100	Karla Rodas	The Interaction of Bilingualism and Hearing Loss on Working Memory in Pediatric Cancer Survivors
101	Maiko Sakamoto	A Novel Touch-Panel Screening Battery for Detecting HIV-Related Neurocognitive Impairment
102	Zachary Salling	Vitamin B12 deficiencies moderate the relationship between higher depressive symptoms and lower left hippocampal volumes in older adults
103	Victoria Sanborn	0%-100% Prevalence of Cognitive Impairment Post-Covid-19 Infection: A Cautionary Tale
104	Bethany Schwandt	Learning and Memory Performance in Children and Adolescents with Craniopharyngioma Treated with Proton Radiotherapy
105	Lauren Scimeca	Examining Differences Among Cognitive and Motor Slowing Across Children Referred for Epilepsy Surgery Candidacy.
106	Eric Semmel	Executive and Adaptive Outcomes in Pediatric Brain Tumor: Comparing Associations with Structural and Functional Brain Network Characteristics
107	Sloane Sheldon	Epilepsy Pre-Surgical Neuropsychological Evaluations for Patients in Mongolia
108	Holly Timblin	Examining the Longitudinal Effect of Social Network Size on Cognition during COVID-19
109	Holly Timblin	Social Network Size as a Predictor of Cognitive Change during COVID-19
110	Julie Trapani	Differential Processing Efficiency Skills in Survivors of Pediatric Primary CNS Cancer and Cancers of non-CNS Origin

111	Nataliya Turchmanovych-Hienkel	Exploring Changes in Verbal and Visual Memory in Patients with Medically Intractable Epilepsy Following Stereotactic Laser Amygdalohippocampectomy (SLAH)
112	Sean Turner	Dentate gyrus volume, but not other medial temporal lobe subregions, predict performance on select neuropsychological measures.
113	Crystal Wang	The Quantity and Quality of Social Engagements are Differentially Associated with Neurocognition in Latino and Non-Latino White Older Adults with HIV
114	Hala El Bahraoui	White Matter Fiber Integrity: A Potential Neuroprotective Factor in an 8-Year-Old Female with Refractory Childhood-Onset Temporal Lobe Epilepsy and Autism Spectrum Disorder.
115	Sofia Iglesias Medina	Outcomes of a Posterior Fossa Syndrome Patient-Through a Neuroprotective Lens: A Case Study - A Case Study

## Saturday February 17

9:00–10:15 AM

### Poster Session 10

#### Neurodevelopmental | Congenital Conditions

Room: 6th Floor, Shubert & Majestic Complexes

1	Steven Abalos	Role of Sleep Quality and Daytime Sleepiness Levels on ADHD Symptom Reporting Among Adults
2	Frederic Agate	Neuropsychological Profile of Joubert Syndrome in a Pakistani Canadian Child: A Case Study
3	Yudhajit Ain	How does Mind Wandering Impact Affective Well-Being? A Study on Adults with Varying Features of Attention-Deficit/Hyperactivity Disorder
4	Rebecca Althoff	Attention and Fine Motor Functioning in Pediatric Sickle Cell Disease Patients with Very Low Transcranial Doppler (TCD)
5	Nadia Andrews	Genomic Portrayal of CLCN-2 Mutations and Bipolar Disorder
6	Susana Araújo	Part-Based Processing of Visual Objects May be Less Efficient in Developmental Dyslexia
7	Margaret Bailey-Bila	Assessing the Relationship Between PTSD and ADHD Symptom Endorsement in an Adult Civilian Sample
8	Jesus Barreto Abrams	Not Dementia! A Neurodevelopmental Disorder, Psychosocial Functioning, and Single-Sided Deafness Masquerading as a Memory Disorder: A Case Study
9	Yasmine Bensi-Slimane	Perception vs. Performance: An Examination of Parent and Teacher Ratings, Neuropsychological Performance, and Academic Achievement of School-Age Children with ADHD-Related Referrals in a Hospital Clinic
10	Sietske Berghuis	Prenatal Levels of Polychlorinated Biphenyls and Their Hydroxylated Metabolites and Motor Performance at Adolescence
11	Jenna Blujus	The Enduring Negative Impact of Early Life Adversity on Adult Cognition is Mediated by Childhood Cognitive Ability and Educational Attainment: A 35-Year Prospective Study
12	Cristina Boada	Attention Check Questions in Self-Report Measurement of Math and its Non-Cognitive Factors in College Students.
13	Sarah Boland	Preschool Type as a Moderator of the Relation Between IQ and Parent-Teacher Reporting Discrepancy
14	Brooke Boulais	Neurobehavioral Profile of an Adult with Right-Temporal Open-Cleft Schizencephaly
15	Claire Brabander	The Effects of In-Utero Stress Exposure on Stress Hormones Levels Associated with Clinical and Adaptive Behaviors in Young Children
16	Jonathan Brett	Disparities in Intelligence Quotient Scales Between Youth Diagnosed with ASD and Neurotypical Counterparts
17	Warren Brown	Impacts of Agenesis of the Corpus Callosum on Visual Aesthetic Judgements
18	Warren Brown	MMPI-2-RF Patterns in Agenesis of the Corpus Callosum
19	Warren Brown	Moral Foundations Theory in Individuals with Agenesis of the Corpus Callosum

# POSTER SESSION 10 (continued)

20	Warren Brown	Processing Speed in Musical Judgments in Agenesis of the Corpus Callosum	49	Finola Kane-Grade	Decreased Cognitive Efficiency Following Pediatric Kidney Transplantation: A Preliminary Longitudinal Investigation
21	Warren Brown	Verbal Memory in Children with Agenesis of the Corpus Callosum	50	Nathan Keigel	Predictors of Protracted Recovery following Concussion in Pediatric Patients aged 5-9 Years
22	Katie Califano	Clinical Validation of an ADHD Dissimulation Scale (Ds-ADHD-r) on the MMPI-3	51	Amanda Kenepp	Reading Skills Over Time Among Children with Duchenne Muscular Dystrophy
23	Emily Carlson	Home stimulation predicts cognitive functioning, working memory, and school readiness in preschool-age children with sickle cell disease	52	Ellyn Kennelly	The Development of Child Executive Functioning: The Interacting Roles of Maternal Education, Household Chaos, and Parenting Behaviors
24	Daniela Chieffo	Epigenetic and Neurobiological Effects on Lifespan Development: Behavior and Neuropsychological Role	53	George Kent	An Assessment of the BRIEF-A's Ability to Differentiate the Executive Functioning Profiles of ASD and ADHD
25	Anna Cichocki	Multi-method Assessment of Executive Functioning among Children with Attention and Learning Challenges	54	Gabriella Koltermann	Effects of Child Well-Being and Family Socioeconomic Status on Mathematics Performance in Brazilian Children Post-COVID-19 Pandemics
26	Nicole Colon-Bosques	Do Depression and Anxiety Mediate the Relationship Between ADHD Symptoms and Executive Functioning in College Students?	55	Mary Kosmidis	Exploring Neuropsychological Performance and Resting State Functional Connectivity in Aicardi Syndrome: A Case Study
27	Catherine Crompton	Can autistic and non-autistic viewers accurately identify autistic and non-autistic people in conversation?	56	Taylor Lambertus	Contingency Naming Test: Relation to Self-Reported and Objective Measures of Executive Functioning in Young Adults Concerned about ADHD
28	Catherine Crompton	Information sharing between and within autistic and non-autistic adults	57	Emily Landau	Narrative Ability in Autism Spectrum Disorder and First-Degree Relatives: A Comparative Study Across Contexts and Cultures
29	Erik de Water	Temporal discounting in children and adolescents with and without Attention-Deficit/Hyperactivity Disorder: A comparison of four scoring methods	58	Rachel Landsman	A Case Series About Using the Childhood Autism Rating Scale-2 (CARS-2) when Assessing Autism Spectrum Disorder in Deaf/Hard of Hearing Children
30	Cardinal Do	Correlates of Online Searching for ADHD Among Undergraduate Students	59	Patricia Lasutschinkow	The Mediating Role of Parental Support in the Association Between Infant Motor Skills and Socio-Emotional Development
31	Faye Domokos	Difficulties in Shifting Underlie Problems in Math: A Comparison of Informant Rating and Task Performance	60	Sofia Lawrence	The Relationship Between Media and Hyperactivity/ADHD in Children: A Systematic Review and Meta-Analysis
32	Lauren Eisenstat	Working Memory Modality Discrepancies Within ADHD Subtypes	61	Sarah Lehman	Evaluating the Discriminant Validity of the Autism Quotient Using a Young Adult Sample
33	Heba Elsayed	Using the Twenty Statements Task to Evaluate the Relationship Between Self-Identity of Youth on the Autism Spectrum and Parents' Views of Their Child	62	Rachael Lyon	Impact of Inattention on Problematic Screen Media Use Among Children and Youth with Early Neurological Risk vs. ADHD: A Comparative Study
34	Anam Fatima	Association of Maternal Depression during Pregnancy on Offspring's Mental Health: A Systematic Review	63	Ammara Malik	Informant Report Judgment and its Correlates in a Mixed Clinical Sample of Older Adults
35	Tania Fernandes	Still lost in the mirror? Mirrored letter processing by dyslexic college students	64	Kelsea Marschall	Maternal Health is Baby Health: Understanding Maternal Factors and Preterm Infant Neurodevelopment
36	John-Christopher Finley	An Investigation of Factors that Increase the Rate of False-Positives on Performance Validity Testing in ADHD Evaluations	65	Carolyn Marsh	The Role of Anxiety in Executive Function Abilities in Children With Versus Without ADHD
37	John Fulton	Intellectual Functioning in Young Children with Spina Bifida: Results from a Population-based study in Arizona and Utah, 2011-2013	66	Laura McGuigan	Explaining Heterogeneity: Identifying Subgroups of Adult Attention-Deficit/Hyperactivity Disorder
38	Janna Guilfoyle	A Family Study of Audio-Motor Synchronization of Speech and Underpinning Neural Mechanisms in Autism	67	Brenda Mitchell	An Examination of Motor Differences Among Neurodevelopmental Populations
39	Meaghan Hall	Maternal Thyroid Peroxidase Antibodies in Pregnancy and Child IQ	68	Katerina Nastea	The Influence of Symptom Severity and Depression or Anxiety Diagnosis on Self Efficacy after Concussion in Adolescents
40	Katherine Hernandez	The Relationship Between Attention and Order Errors in Serial Order Memory	69	Rowena Ng	Neurobehavioral Patterns of Genotype-Phenotype Correlations in Individuals with Cornelia de Lange Syndrome
41	Robert Hickson	Resting-State Neurofunctional Activation in Theory of Mind Network Regions is Associated with Symptoms of Autism in Youth	70	Laura Nicholson	Klinefelter Syndrome Case Series: Commonalities, Variability, and Developmental Course
42	Madison Holmes	Longitudinal Neuropsychological Assessment of a Patient with Developmental Venous Anomaly and Chronic Steal Syndrome	71	Molly O'Reilly	The Risk of Care: Impact of NICU Length of Stay on Infant Cognitive Development at 12 Months of Age
43	Amanda Honn	Replicating the PEERS Study in a Private Practice Setting: A Small-Scale Feasibility Investigation of Social Skills Training	72	Celita Owens	One Minute Estimation Test Performance in ADHD, Depression and Anxiety
44	Stephen Hooper	Early Predictors of Longitudinal Change in Executive Functions in Extremely Low Gestational Age Newborns from Ages 2 to 15 Years	73	Nathan Palladino	Analysis of the Overlap Between Parent, Teacher, and Self-Reports Using the CBRS in OCD and ASD Populations
45	Jui Chien Huang	Comparisons of Various Cognitive Abilities Between the Difference of High or Low Social-emotional Functions in School-aged Children with Autism Spectrum Disorder at Different Intelligence Levels	74	Sara Pardej	Prevalence and Predictors of Poor Safety Awareness and Accidental Injury in Autism Spectrum Disorder (ASD), ADHD, ASD+ADHD, and Neurotypical Children
46	Sarah Inkelis	Neurocognitive Correlates of Reading and Decoding Efficiency in Critical Congenital Heart Disease and Developmental Dyslexia	75	Sophia Perez	Comparing Visual Memory Performance on the WMS®-IV Between Adults with Specific Learning Disorders in Reading and Mathematics
47	Sydney Jacobs	Comparing Neurobehavioral Profiles of Genetic Disorders with Shared Mechanisms	76	Arabella Peters	Self-Reported Anxiety Survey Scores Correlate with Affiliation to Characters with Different Social Roles Depending on ASD diagnosis
48	Morgan Jolliffe	Expanding the Clinical Understanding of Neuropsychological Profiles in Individuals with Chromosome Ring 14 Syndrome	77	Joanna Peters	The Neuropsychological Profile of a Female with Danon Disease: A Case Study
			78	Catherine Peterson	Neurodevelopment in Infants and Toddlers with Gastrointestinal Food Allergy
			79	Kendra Pizzonia	Neuropsychological Correlates of Noncredible Presentation in the Assessment of Adult Attention-Deficit/Hyperactivity Disorder



10:45 AM–12:00 PM

## Poster Session 11

**Cultural Neuropsychology | Education/  
Training | Professional Practice Issues**

**Room: 6th Floor, Shubert & Majestic Complexes**

80	Shruti Rane	The Contribution of Cognitive Disengagement Syndrome in Predicting Language Automaticity
81	Mallory Richert	White Matter Integrity and Gait Variability in Individuals with Down Syndrome
82	Rachel Richie	Examining the Impact of Self-Efficacy, Injury Severity, and Mental Health on Adolescent Academic Problems and Stress Following a Concussion
83	Alexis Rosen	Evaluating if Stimulant Medication Use for Athletes with ADHD Levels the Playing Field on Baseline ImPACT® Scores
84	Cassandra Rosenberg	Changes in Cognitive Performance and White Matter Microstructure: Findings from the ABCD Study
85	Cassidy Salentine	Overlapping Cognitive Predictors in Elementary Students' Writing and Math Achievement
86	Juha Salmi	Is Spontaneous Strategy use Related to Verbal Memory Problems in Adult ADHD?
87	Katrine Sand	EnVision - CP: The Lived Experience of Visual Deficits in Adults with Cerebral Palsy
88	Amber Schaefer	Improving Precision and Accessibility of ADHD Assessment with Digital Measures
89	Sonia Seehra	Contributions Towards Executive Functioning and Behavior Among Children with Duchenne Muscular Dystrophy
90	Alexander Tan	Performing Culturally Informed Cardiac Neurodevelopmental Evaluations for Diverse Children with Congenital Heart Disease
91	Shantal Taveras	Apgar Scores and Maternal Education: Interplay and Impacts on Cognitive and Behavioral Development in Young Children
92	Jessie Tibbs	Preliminary Analyses of Cognition in Children with Suspected Substance Exposure In-Utero: Do Bayley-3 Scores Predict Future Performance on the WPPSI-IV?
93	Francesca Trane	Writing Skills in ADHD: Contributions of Executive Functions and Processing Speed
94	Logan Tufty	Performance Validity Testing in Neuropsychological Evaluations of ADHD: Differential Impacts of Final Diagnostic Classification?
95	Nataliya Turchmanovych-Hienkel	Exploring the Relationship Between Internalizing Symptoms on the MMPI-2-RF and ADHD Diagnosis
96	Samantha van Terheyden	Executive Function Predicts Adaptive Functioning in Children with Congenital Heart Disease Without Intellectual Disability
97	Chris Vaughan	Psychometric Examination of the Child SCAT3 in Youth age 5-12
98	Paola Velazquez	The Importance of Controlled Treatment in Pediatric Hypothyroidism for Selective Attention and Visual Working Memory
99	Lisa Verbeek	Predictors of Emergent Literacy in Bilingual children with Developmental Language Disorder
100	Aimee Wang	The Effectiveness of Erythropoietin in Treating Neonatal Hypoxic-Ischemic Encephalopathy: A Systematic Review and Meta-Analysis
101	Elizabeth Wanstall	Understanding Parent Mediation of Screen Media Use in Children and Youth with Early Neurological Risk
102	Molly Winston	Congenital Heart Disease and Prematurity: Similarities and Differences in Outcomes and Access
103	Brittany Wolff	Neurocognitive and Self-Reported Psychosocial and Behavioural Functioning in Siblings of Individuals with Neurodevelopmental Conditions: A Study Using Remote Self-Administered Testing
104	Anson Wong	Cross-Linguistic Variability in Auditory Discrimination of Consonants, Vowels, and Tones: A Study on Monolingual English, Mandarin-English, and Spanish-English Bilingual Children
105	Jessica Yang	The Impact of Comorbid Psychopathology on Learning and Memory Among Adults with Attention-Deficit/Hyperactivity Disorder
106	Manali Zope	Cognitive Mechanisms of Social Impairments in Youth with Neurofibromatosis Type 1 and Autism Spectrum Disorder

1	Sara Pishdadian	Emerging Research and Supervisor and Trainees' Perspectives on Multicultural and Multilingual Neuropsychological Assessments
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