**Wednesday February 14**

<table>
<thead>
<tr>
<th>Time</th>
<th>Location</th>
<th>Speakers</th>
<th>Topics</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:00 AM</td>
<td>Broadway Ballroom</td>
<td>6th Floor, Marriott Marquis</td>
<td>CE 1 (Bailey). Sport Concussion Management Tools Sports SIG</td>
</tr>
<tr>
<td>12:00 PM</td>
<td>Shubert / Majestic Complex 6th Floor Foyer</td>
<td></td>
<td>LUNCH ON OWN</td>
</tr>
<tr>
<td>2:30 PM</td>
<td>West Side Ballroom Salon 1</td>
<td>6th Floor, Marriott Marquis</td>
<td>CE 4 (Palmeese). Deep Brain Stimulation Movement Disorders SIG</td>
</tr>
<tr>
<td>3:00 PM</td>
<td>West Side Ballroom Salon 2</td>
<td>6th Floor, Marriott Marquis</td>
<td>CE 5 (Bilder). Performance Validity Testing: Ethical Considerations</td>
</tr>
<tr>
<td>6:00 PM</td>
<td>West Side Ballroom Salon 3</td>
<td>6th Floor, Marriott Marquis</td>
<td>CE 6 (Parsons). Chimeric Antigen Receptor T-Cell Therapy Oncology SIG</td>
</tr>
<tr>
<td>7:00 PM</td>
<td>West Side Ballroom Salon 4</td>
<td>6th Floor, Marriott Marquis</td>
<td>12:00-12:50 INS Business Meeting</td>
</tr>
</tbody>
</table>

**Thursday February 15**

<table>
<thead>
<tr>
<th>Time</th>
<th>Location</th>
<th>Speakers</th>
<th>Topics</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:20 AM</td>
<td>Broadway Ballroom</td>
<td>6th Floor, Marriott Marquis</td>
<td>INS Lifetime Award. BILDER</td>
</tr>
<tr>
<td>9:00 AM</td>
<td>Shubert / Majestic Complex 6th Floor Foyer</td>
<td></td>
<td>Invited Symposium 1. Social Cognition in FTD (Piguet)</td>
</tr>
<tr>
<td>8:00-8:55</td>
<td></td>
<td></td>
<td>LUNCH ON OWN</td>
</tr>
<tr>
<td>7:00-7:20</td>
<td>Paper 2.</td>
<td></td>
<td>Breakfast (CE ONLY)</td>
</tr>
<tr>
<td>7:00-7:20</td>
<td>Paper 3.</td>
<td></td>
<td>Breakfast (CE ONLY)</td>
</tr>
<tr>
<td>11:45 AM</td>
<td>West Side Ballroom Salon 1</td>
<td>6th Floor, Marriott Marquis</td>
<td>Symposium 8. Interventions for NP Conditions (Berry)</td>
</tr>
<tr>
<td>12:00 PM</td>
<td>West Side Ballroom Salon 2</td>
<td>6th Floor, Marriott Marquis</td>
<td>Symposium 9. Cognitive Aging and Related Topics 2</td>
</tr>
<tr>
<td>12:00 PM</td>
<td>West Side Ballroom Salon 3</td>
<td>6th Floor, Marriott Marquis</td>
<td>Symposium 10. Assessment and Psychometrics</td>
</tr>
<tr>
<td>12:00 PM</td>
<td>West Side Ballroom Salon 4</td>
<td>6th Floor, Marriott Marquis</td>
<td>7:00-7:20 Breakfast (CE ONLY)</td>
</tr>
</tbody>
</table>

**Meeting-at-a-Glance**

- **6th Floor, Marriott Marquis**
- **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**

**Program Chairs’ Welcome**

- **4:30-5:25**
  - Plenary A. EVANS
  - Neuropsych Rehab

**Awards Ceremony**

- **5:30-6:30**

**Welcome Reception: 9th Floor Foyer / Marquis Ballroom**

- **6:30-7:30**

**COFFEE BREAK**

- **10:45-11:40**
  - Plenary B. STERN
  - Studying Cognitive Reserve

**COFFEE BREAK**

- **3:45 PM**

**SLC Social**: Connolly’s Pub & Restaurant, 2nd Floor Bar (121 W 45th St, New York, NY 10036)

**7:00-9:00**

**COFFEE BREAK**

- **4:00-5:25**
  - Invited Symposium 2. Human Connectome Project (Van Essen)

- **5:30-6:30**
  - Plenary C. FUJII
  - Culturally-Informed Assessment

**Poster Session 1.**

- **2:30-3:45**
  - Poster Session 1.

**Poster Session 2.**

- **2:30-3:45**
  - Poster Session 2.

**Poster Session 3.**

- **2:30-3:45**
  - Poster Session 3.

**Poster Session 4.**

- **2:30-3:45**
  - Poster Session 4.

**Poster Session 5.**

- **2:30-3:45**
  - Poster Session 5.

**Poster Session 6.**

- **2:30-3:45**
  - Poster Session 6.

**Poster Session 7.**

- **2:30-3:45**
  - Poster Session 7.

**Poster Session 8.**

- **2:30-3:45**
  - Poster Session 8.

**Poster Session 9.**

- **2:30-3:45**
  - Poster Session 9.

**Poster Session 10.**

- **2:30-3:45**
  - Poster Session 10.

**Poster Session 11.**

- **2:30-3:45**
  - Poster Session 11.
### Friday February 16

**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. KOLAPPAN Globalization of Brain Health

**10:00 AM**
- 10:15-11:40 Invited Symposium 3. Assessment Across the Language Barrier (Truter)
- 10:15-11:30 Symposium 7. Moving Beyond Secondary Status (Peterson)
- 10:15-11:40 Symposium 10. ENIGMA Working Groups (Hillery)
- 10:15-11:40 Paper Session 10. Alzheimer’s Disease
- 10:15-11:40 SLC Self-Care / Self-Advocacy Panel

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

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

**COFFEE BREAK**

**3:15 PM**
- 3:30-4:55 Invited Symposium 4. Ad: New Diagnostic Criteria (Brickman)
- 3:30-4:55 Symposium 13. NP in Diverse Populations (Bragg)
- 3:30-4:55 Paper Session 15. Neuroanatomy, -imaging & -physiology

**5:00 PM**
- 5:00-6:00 Plenary F. SCHNIDER Confabulation & Healthy Aging

### Saturday February 17

**7:20 AM**
- 9:00-10:30 Invited Symposium 5. Remote Assessment in Aging (Hornberger)
- 9:00-12:15 Exhibitor Hours

**10:00 AM**
- 10:15-12:15 Poster Session 11.

**10:30 AM**
- 10:45-12:10 Paper Session 20. Training/Education & Practice Issues
- 10:45-12:10 Paper Session 21. Neuropsychology and technology
- 10:45-12:10 Paper Session 22. Concussion

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

**1:15 PM**
- 1:15 PM Closing Ceremony
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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 renumeration)

New York Marriott Marquis

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

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.

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.

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.

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• 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.

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.

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.

Child Care Hours

<table>
<thead>
<tr>
<th>Day</th>
<th>Time</th>
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<tbody>
<tr>
<td>Wed Feb 14</td>
<td>1 PM–8 PM</td>
</tr>
<tr>
<td>Thu Feb 15</td>
<td>7 AM–8 PM</td>
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<tr>
<td>Fri Feb 16</td>
<td>7 AM–8 PM</td>
</tr>
<tr>
<td>Sat Feb 17</td>
<td>7 AM–2 PM</td>
</tr>
</tbody>
</table>

Interview Rooms:
Wilder / Odets, 4th Floor

<table>
<thead>
<tr>
<th>Day</th>
<th>Time</th>
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<tbody>
<tr>
<td>Tue Feb 13</td>
<td>7 AM–7 PM**</td>
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<tr>
<td>Wed Feb 14</td>
<td>7 AM–7 PM</td>
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<tr>
<td>Thu Feb 15</td>
<td>7 AM–7 PM</td>
</tr>
<tr>
<td>Fri Feb 16</td>
<td>7 AM–7 PM</td>
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</tbody>
</table>

**Odets only until 3:00 PM this date

Locals Lounge:
Belasco, 5th Floor

<table>
<thead>
<tr>
<th>Day</th>
<th>Time</th>
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<tbody>
<tr>
<td>Wed Feb 14</td>
<td>7 AM–8 PM</td>
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<td>Thu Feb 15</td>
<td>7 AM–8 PM</td>
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<tr>
<td>Fri Feb 16</td>
<td>7 AM–8 PM</td>
</tr>
<tr>
<td>Sat Feb 17</td>
<td>7 AM–2 PM</td>
</tr>
</tbody>
</table>

Morning Yoga:
Broadhurst, 5th Floor

<table>
<thead>
<tr>
<th>Day</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thu Feb 15</td>
<td>7:00–8:00 AM</td>
</tr>
<tr>
<td>Fri Feb 16</td>
<td>7:00–8:00 AM</td>
</tr>
</tbody>
</table>
**Speaker Ready Room**

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

**Speaker Ready Room Hours**

<table>
<thead>
<tr>
<th>Day</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wed Feb 14</td>
<td>8-10 AM, 11:30-1 PM and 3-6 PM</td>
</tr>
<tr>
<td>Thu Feb 15</td>
<td>6:45-12:15 PM and 1:15-6 PM</td>
</tr>
<tr>
<td>Fri Feb 16</td>
<td>6:45-12:00 PM and 1:00-5:30 PM</td>
</tr>
<tr>
<td>Sat Feb 17</td>
<td>6:45-12:00 PM</td>
</tr>
</tbody>
</table>

**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 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.

53rd Annual Meeting Sponsors & Exhibitors

American Psychological Association (APA)
apastyle.apa.org

Cambridge University Press
www.cambridge.org

CogState
www.cogstate.com

Guilford Press
www.guilford.com

Kessler Foundation
kesslerfoundation.org

Memorial Healthcare System
www.mhs.net

Oxford University Press
www.global.oup.com

Phoenix Childrens
www.phoenixchildrens.org

University of Utah Health
healthcare.utah.edu

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

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.
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 Birdsell
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 Fuemaier
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
Dalim Pulipher
Daniel Kjaergaard
Daniel Mograbii
Danielle Ransom
Daryl Fujii
David Scarisbrick
Dawn Mechanic-Hamilton
Derin Cobia
Desiree Byrd
Donel Martin
Duke Han
Elizabeth Boots
Emilia Lojek

Emily Briceno
Emily Trittschuh
Erin Morgan
Erin Plunley
Esmeralda Matute
Eva Bonada
Ewa Malinowska
Faith Ndiniwe
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
Kalilopi 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 Noli
Kyle Srnka
Laura Hancock
Laura Hokkanen
Laura Zahodne
Lena Dobson
Lena Etzel
Lenka Kramskaya
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 Coulth
Nyaz Didehbandi
Oliver Piquet
Omar Alhassoon
Otto Pedraza
Pamela M Dean
Paola Suarez
Patrck 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 Levåens
Scott Langenecker
Scott Sorg
Sergio Dansilio
Sharon Simon
Shawn McClintock
Skye McDonal
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
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:

<table>
<thead>
<tr>
<th>SIG Name</th>
<th>Date &amp; Time</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Babies, Toddlers, and Young Children SIG</td>
<td>Feb 15, 12:00 - 1:00 pm</td>
<td>Imperial Room (Juilliard Complex, 5th Floor)</td>
</tr>
<tr>
<td>Oncology SIG</td>
<td>Feb 15, 1:15 - 2:10 pm</td>
<td>West Side Ballroom Salon 1</td>
</tr>
<tr>
<td>Brain Injury SIG</td>
<td>Feb 15, 1:15 - 2:10 pm</td>
<td>West Side Ballroom Salon 2</td>
</tr>
<tr>
<td>Dementia SIG</td>
<td>Feb 15, 1:15 - 2:10 pm</td>
<td>West Side Ballroom Salon 3</td>
</tr>
<tr>
<td>Cultural SIG</td>
<td>Feb 15, 1:15 - 2:10 pm</td>
<td>West Side Ballroom Salon 4</td>
</tr>
<tr>
<td>Sports Neuropsychology SIG</td>
<td>Feb 15, 6:30 - 7:20 pm</td>
<td>West Side Ballroom Salon 1</td>
</tr>
<tr>
<td>Worldwide Initiative for Neuropsychological Data Sharing SIG</td>
<td>Feb 16, 12:45 - 1:40 pm</td>
<td>Broadway Ballroom</td>
</tr>
<tr>
<td>TeleNeuropsychology and Digital Technologies SIG</td>
<td>Feb 16, 12:45 - 1:40 pm</td>
<td>West Side Ballroom Salon 1</td>
</tr>
<tr>
<td>Neuropsychological Intervention SIG</td>
<td>Feb 16, 12:45 - 1:40 pm</td>
<td>West Side Ballroom Salon 2</td>
</tr>
<tr>
<td>Social, Cognition, &amp; Emotion SIG</td>
<td>Feb 16, 12:45 - 1:40 pm</td>
<td>West Side Ballroom Salon 3</td>
</tr>
<tr>
<td>Epilepsy SIG</td>
<td>Feb 16, 12:45 - 1:40 pm</td>
<td>West Side Ballroom Salon 4</td>
</tr>
<tr>
<td>NeuroCOVID SIG</td>
<td>Feb 16, 1:45 - 2:45 pm</td>
<td>Booth (Lyceum Complex, 5th Floor)</td>
</tr>
</tbody>
</table>
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 Neuropsicologia, we are delighted to invite you to join us in the beautiful city of Porto for the Global Neuropsychology Congress in July 2024.
<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
</table>
| 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, Alvyn, 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

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/
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
INS Committees

Awards
Chair: Christian Salas
Committee Members: Robin Morris, Preeti Sunderaraman, Ann Watts, Laura Zahodne

Conflict of Interest
Chair: Cynthia Honan

Continuing Education
Chair: Benjamin Hampstead
Committee Members: Kendra Anderson, Gregory Brown, Rebecca Charlotte, Stephen Correia, Duke Han, Kevin Manning, Luis Medina, Suzanne Penna, Reem Tarazi, Ericka Wodka

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

Finance
Chair: Ozioma Okonkwo
Committee Members: Bruce Hermann, Marc Norman (Ex Officio) Olivier Piguet, Debra Scheffel

Global Engagement
Co-Chairs: Natalia Ojeda del Pozo, Melissa Lamar
Subcommittee Members: Omar Alhassoon, Skye McDonald, William Seidel, Mary Beth Spitznagel, Anthony Stringer

Membership Engagement
Chair: Christine Mullen
Committee Members: Anastacia Nichols, Brittney Randolph, Julie Bobholz, Leigh Schriefl, and Natalie Kurniadi

Publications
Chair: Sallie Baxendale

Science
Chair: Lena Dobson
Committee Members: Lisanne Jenkins, Marianna Kapsetaki, Lenka Kramska, Mohammed Mudarris, Rochele Paz Fonseca, Leigh Schriefl, Leah Whitlow, Dalhyun Yi

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, Emilija Lojek, Bernice Marcopulos, Skye McDonald, Luis Medina, Gerhard Müller, Michael W. Parsons, Yakeel Quiroz, Nicholas Ryan, Michele Sadeh, Matthew Staios, Lyn Turkstra

Social Media
Co-Chairs: Anna Egbert, Emma Rhodes
Committee Members: Natalia Gawron, Ewa Malinowska

Student Liaison
Co-Chairs: Aishani Desai, Josh Fuller-Fox
Committee Members: Taylor Jenkin, Tahlia Bragg, María José Bracho, Amber Ayton, Kendra Pizzonia
INS Office

Marc A. Norman
Executive Director

Chantal Marcks
Director of Office Operations

Jamie Wilson
Administrative Program Coordinator / Bookeeper

Katie Coffman
Administrative Coordinator

Tandy Pietro
CE & Scientific Program Manager

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
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)
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.
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.

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 medial 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.
Objective: Neurodevelopmental conditions are characterized by phenotypic heterogeneity but share overlapping biological 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/WMS-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 100,000 individuals (Bethlehem et al., 2022; https://brainschart.shinyapps.io/brainschart/), we calculated individual percentile scores for volumes of cortical gray matter (GVM), subcortical gray matter (sGM), and cortical white matter (WMR). 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 GVM ([Cohen’s d = 0.43]), sGM ([d = 0.37]), and WMR ([d = 0.17]). Across all participants, those with brain volumes ≤ 10th 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., > 10th centile). Sensitivity and specificity analyses revealed that atypical brain volumes (i.e., ≤ 10th centile) had moderate sensitivity (35%) and high specificity (95%) in differentiating FASD from controls. In contrast, impairment (i.e., ≤ 1.5 SD below mean) in IQ and working memory performance had low sensitivity (19% and 21%, respectively) but high specificity (100% and 99%, respectively) while impairment in adaptive function had high sensitivity (71%) and high specificity (99%). A combination of atypical brain volume in any tissue type and adaptive function had improved sensitivity (93%) and comparable specificity (99%). Lastly, brain volumes had improved sensitivity and similar specificity compared to measurements of head circumference (sensitivity 1%, 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 pairs 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.

Objective: Neurodevelopmental conditions are characterized by phenotypic heterogeneity but share overlapping biological 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/WMS-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 100,000 individuals (Bethlehem et al., 2022; https://brainschart.shinyapps.io/brainschart/), we calculated individual percentile scores for volumes of cortical gray matter (GVM), subcortical gray matter (sGM), and cortical white matter (WMR). 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 GVM ([Cohen’s d = 0.43]), sGM ([d = 0.37]), and WMR ([d = 0.17]). Across all participants, those with brain volumes ≤ 10th 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., > 10th centile). Sensitivity and specificity analyses revealed that atypical brain volumes (i.e., ≤ 10th centile) had moderate sensitivity (35%) and high specificity (95%) in differentiating FASD from controls. In contrast, impairment (i.e., ≤ 1.5 SD below mean) in IQ and working memory performance had low sensitivity (19% and 21%, respectively) but high specificity (100% and 99%, respectively) while impairment in adaptive function had high sensitivity (71%) and high specificity (99%). A combination of atypical brain volume in any tissue type and adaptive function had improved sensitivity (93%) and comparable specificity (99%). Lastly, brain volumes had improved sensitivity and similar specificity compared to measurements of head circumference (sensitivity 1%, 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 pairs 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.
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**.

8. **Namitasai Ande**  
Graduate Student  
The George Washington University  
**The Moderating Effects of Trauma on the Relationship Between Neighborhood Deprivation and Cognitive Functioning**  
AUTHORS: Antonio Puente, Blakely Murphy, Arjun Ray, Namitasai Ande

40. **Jonastasya Griffith**  
Graduate Student  
Palo Alto University  
**Cultural Identity and Discrimination Effects on Emotional Regulation Strategies in Adolescents**  
AUTHORS: Eva Müller-Oehring, Tilman Schulte, Andres Hernandez, Robert Hickson, Jonastasya Griffith

72. **Caitlin O’Riordan**  
Postdoctoral Fellow  
York University  
**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

20. **Kieran Paddock**  
Graduate Student  
Texas A&M University School of Medicine  
**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

90. **Sydney Park**  
Postdoctoral Fellow  
Medical College of Wisconsin  
**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 Reecheer, Sydney Park
27

INS Conference Travel Awards

11. Dyslexia Profiles and Brain Metabolism in Spanish-Speaking Patients With Primary Progressive Aphasia
   
   Florentina Morello Garcia
   Early Career Travel Award
   Universidad de Buenos Aires
   
   Poster Session 11: Cultural Neuropsychology | Education/Training | Professional Practice Issues
   Saturday, 10:45am-12:00pm, Shubert Complex, 6th Floor

40. Cultural Identity and Discrimination Effects on Emotional Regulation Strategies in Adolescents
   
   Greta Keller
   Early Career Travel Award
   Fieni
   
   Poster Session 05: Neuropsychiatry | Addiction/Dependence | Stress/Coping | Emotional/Social Processes
   Thursday, 2:30–3:45pm, Shubert Complex, 6th Floor

72. The Influence of Culture on Memory in Mandarin-English Bicultural Bilinguals
   
   Kritika Nayar
   Student Travel Award
   Rush University
   
   Poster Session 11: Cultural Neuropsychology | Education/Training | Professional Practice Issues
   Saturday, 10:45am-12pm, Majestic Complex, 6th Floor

20. Cognitive Reserve Protects Executive Abilities After CVA to Feedforward and Feedback Loops of the Executive Function Network
   
   Glariangeliz Tapia
   Student Travel Award
   Graduate Student
   Ponce Health Sciences University
   
   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.

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

<table>
<thead>
<tr>
<th>Name</th>
<th>Activity</th>
<th>Relevant Financial Relationships</th>
<th>Relevant Non-Financial Relationships</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adam M. Brickman</td>
<td>Inv Symp 4</td>
<td>Dr. Brickman has received consulting fees for board membership and consulting activities with Cognition Therapeutics, Cognito Therapeutics, and CogState</td>
<td>None</td>
</tr>
<tr>
<td>Agnès Denève</td>
<td>Inv Symp 1</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>Amira Skeggs</td>
<td>Inv Symp 1</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>Annalise Rahman-Filipiak</td>
<td>CE 11</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>Armin Schnider</td>
<td>Plenary F</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>Ben Hampstead</td>
<td>CE Chair</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>Cady Block</td>
<td>NY Co-Chair</td>
<td>Dr. Block has received author royalties from APA Publishing</td>
<td>Dr. Block is a board member of New2Neuropsychology and Know Neuropsychology</td>
</tr>
<tr>
<td>Christina A. Palmese</td>
<td>CE 04</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>Christopher Bailey</td>
<td>CE 01</td>
<td>Dr. Bailey has an ownership interest and serves in a consulting role with Neuropsychology Associates of Cleveland, LLC</td>
<td>None</td>
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<tr>
<td>Dana Wong</td>
<td>CE 02</td>
<td>None</td>
<td>None</td>
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<tr>
<td>Daryl Fujii</td>
<td>Plenary C</td>
<td>Dr. Fujii has received author royalties from APA Books</td>
<td>None</td>
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<tr>
<td>David C. Van Essen</td>
<td>Inv Symp 2</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>David W. Loring</td>
<td>CE 10</td>
<td>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.</td>
<td>None</td>
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<tr>
<td>Deanna Barch</td>
<td>Inv Symp 2</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>Debra Machando</td>
<td>Inv Symp 3</td>
<td>None</td>
<td>None</td>
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<tr>
<td>Elizabeth Twamley</td>
<td>CE 02</td>
<td>None</td>
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<tr>
<td>Ellen Bialystok</td>
<td>Plenary G</td>
<td>None</td>
<td>None</td>
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<tr>
<td>Fiona Kumfor / Olivier Piguet</td>
<td>Inv Symp 1</td>
<td>None</td>
<td>None</td>
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<tr>
<td>Hannah-Lise Schofield</td>
<td>CE 06</td>
<td>Dr. Schofield has received grant funding from the Emily Whitehead Foundation as a primary investigator</td>
<td>None</td>
</tr>
<tr>
<td>Jamie Berry</td>
<td>CE 02</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>Jason Hassenstab</td>
<td>Inv Symp 5</td>
<td>None</td>
<td>None</td>
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<tr>
<td>Jennifer J. Manly</td>
<td>Inv Symp 4</td>
<td>Dr. Manly has received grant funding from NIH</td>
<td>None</td>
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<td>Name</td>
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<tr>
<td>Jonathan Evans</td>
<td>Plenary A</td>
<td>Dr. Evans receives payment from Taylor &amp; Francis for his role as Editor in Chief of Neuropsychological Rehabilitation</td>
<td>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</td>
</tr>
<tr>
<td>Jorg Dietrich</td>
<td>CE 06</td>
<td>Dr. Dietrich has received consulting fees from Amgen, Novartis, Oto Therapeutics, and Janssen, and royalties from UpToDate (Wolters Kluwer)</td>
<td>None</td>
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<tr>
<td>Katherine Possin</td>
<td>Inv Symp 5</td>
<td>None</td>
<td>None</td>
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<tr>
<td>Kathryn A. Wyman-Chick</td>
<td>CE 04</td>
<td>Dr. Wyman-Chick receives author royalties from Oxford University Press, and is principal investigator on NIH grant R21-AG074368</td>
<td>None</td>
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<tr>
<td>Kavitha Kolappa</td>
<td>Plenary D</td>
<td>None</td>
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<tr>
<td>Leanne Williams</td>
<td>Inv Symp 2</td>
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<tr>
<td>Leonardo Cruz de Souza</td>
<td>Inv Symp 1</td>
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<tr>
<td>Lisa Cipolotti</td>
<td>CE 03</td>
<td>None</td>
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<tr>
<td>Lisa M. McTeague</td>
<td>CE 12</td>
<td>None</td>
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<tr>
<td>Martin L. Rohling</td>
<td>CE 05</td>
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<tr>
<td>Mary Kosmidis</td>
<td>Plenary E</td>
<td>None</td>
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<tr>
<td>Michael Hornberger</td>
<td>Inv Symp 5</td>
<td>Dr. Hornberger receives ownership-related royalties from NeurOn - Neuropsychology Online</td>
<td>None</td>
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<tr>
<td>Michael Parsons</td>
<td>CE 06</td>
<td>Dr. Parsons has received consulting fees from Servier Pharmaceuticals, and royalties from APA</td>
<td>None</td>
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<tr>
<td>Michele K. York</td>
<td>CE 04</td>
<td>Dr. York has received consulting fees and grant funding from the Michael J. Fox Foundation, and consulting fees from Blue Rock for consulting activities</td>
<td>None</td>
</tr>
<tr>
<td>Ozioma Okonkwo</td>
<td>Inv Symp 4</td>
<td>Dr. Okonkwo has received grant funding from NIH, and receives a stipend from INS for his role as Treasurer</td>
<td>None</td>
</tr>
<tr>
<td>Robert M. Bilder</td>
<td>CE 05</td>
<td>Dr. Bilder has received consulting fees from various parties in forensic neuropsychology for consulting and expert witness activities</td>
<td>None</td>
</tr>
<tr>
<td>Roy P.C. Kessels</td>
<td>CE 07</td>
<td>Dr. Kessels receives author royalties from Hogrefe Test Publishers and from Taylor &amp; Francis/Psychology Press; and consulting fees from Pearson Assessment Netherlands for revising the Dutch RBMT-3</td>
<td>Dr. Kessels is a volunteer researcher and manual author of the Dutch WMS-IV with Pearson Assessment Netherlands</td>
</tr>
<tr>
<td>Ruben Echemendia</td>
<td>CE 01</td>
<td>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</td>
<td>Dr. Echemendia is a board member and serves as President of Concussion in Sport Group, Inc.</td>
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<tr>
<td>Ruchika Prakash</td>
<td>CE 08</td>
<td>None</td>
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<tr>
<td>Russell M. Bauer</td>
<td>CE 05</td>
<td>None</td>
<td>None</td>
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<tr>
<td>Sarah MacPherson</td>
<td>CE 03</td>
<td>None</td>
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<tr>
<td>Sharon Truter</td>
<td>Inv Symp 3</td>
<td>Dr. Truter has received funding from INS towards her travel and registration costs for this teaching activity</td>
<td>None</td>
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<tr>
<td>Sid O’Bryant</td>
<td>CE 09</td>
<td>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</td>
<td>None</td>
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<tr>
<td>Sol Fittipaldi</td>
<td>Inv Symp 1</td>
<td>None</td>
<td>None</td>
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<tr>
<td>T. Rune Nielsen</td>
<td>NY Co-Chair, Inv Symp 3</td>
<td>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</td>
<td>Dr. Nielsen is a cofounding member of the European Consortium on Cross-Cultural Neuropsychology (ECCroN)</td>
</tr>
<tr>
<td>Thomas Karikari</td>
<td>Inv Symp 4</td>
<td>None</td>
<td>None</td>
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<tr>
<td>Vigneswaran Veeramuthu</td>
<td>Inv Symp 3</td>
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<tr>
<td>Wolfgang Kringler</td>
<td>CE 01</td>
<td>None</td>
<td>None</td>
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<tr>
<td>Yaakov Stern</td>
<td>Plenary B</td>
<td>Dr. Stern has received consulting fees from Eisai, Lilly, and Arcadia, and intellectual property rights from Columbia for licensing of the Dependence Scale</td>
<td>None</td>
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</table>
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.

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

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### 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 Hospital
- Kathryn Wyman-Chick, PsyD
  HealthPartners/Park Nicollet Struthers Parkinson's Center
- Michele 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.
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 sensitivity 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 malingered 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 these principles are manifest in data obtained in real-world settings and promise for the future will be discussed as a panel.

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.

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

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 neurocognitive 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 neurocognitive 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.
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

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 the 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 with 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!
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 translate into clinical neuropsychological practice. Furthermore, novel assessment methods, such as ecological momentary 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 2
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 mediation 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)

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 Piquet, on how these findings can inform clinical practice, and the importance of assessing social cognition in the context of dementia.

**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 Piquet

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.
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

10:45–11:40 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.
**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. **Alexandra 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. **Abeeera 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  
Room: 5th Floor, Westside Ballroom Salon 3  
Moderator: Anna Egbert

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. **Abby 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

**Poster Session 04**  
Neuroimaging | Neurostimulation/Neuromodulation | Teleneuropsychology/Technology  
Room: 6th Floor, Shubert & Majestic Complexes

**12:00–1:10 PM**

**Poster Session 04**

**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

**Symposium 6**  
Neuropsychological Application of the International Test Commission’s Guidelines for Translating and Adapting Tests  
Room: 6th Floor, Broadway Ballroom  
Chair: Tedd Judd

1. Shathani Rampa  
   Neuropsychological Applications of the International Test Commission’s Guidelines for Translating and Adapting Tests: Pre-Conditions and Test Development

2. Xinyi Zhou  

3. Christopher Nguyen  

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

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

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

**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
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 Louis
- Deanna Barch, PhD
  Washington University
- Leanne 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 underly 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 area 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: Anny Reyes

1. Sallie Baxendale
   Sex Differences in the Pre- and Postoperative Neuropsychological Function of Epilepsy Surgery Candidates

2. Danielle Stepień
   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 Atpirical 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 (CNO) 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  
   Neuropsychology 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.

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**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 culturally 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 (Fuji, 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.

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**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)
DAILY SCHEDULE — FRIDAY

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 advanced 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  
  Houston Methodist Concussion Center  
  Weill-Cornell Medical School/Houston Methodist Academic Institute
- Sergii Sievtsov, MA  
  South Ukrainian National Pedagogical University  
  Goldberg Institute of Neuroscience and Neuropsychology, Odessa, Ukraine
- Prof. Michal 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 & 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 University  
- Vigneswaran Veeramuthu, PhD  
  Thomson Hospital Kota Damansara, Society of Clinical Neuropsychology (Malaysia)  
- Debra Machando, PhD  
  University of Bristol  
- T. 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.

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**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

1. Rivky Green  

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 Area Deprivation Index (ADI) and Childhood Opportunity Index (COI): Acceptable proxy measures for Socio-demographic Factors?

4. Christina Love  
   Community-Based Social Determinants of Health Predict Neuropsychological Outcomes in Pediatric Brain Tumors

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**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

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

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**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
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.

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.

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  

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.

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 Guidelines  
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. **Lucía 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**  Titling: 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 Offspring’s 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
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. To 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 amnestic 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 neuropathological 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

Paper Session 14
Traumatic Brain Injury
Room: 5th Floor, Westside Ballroom Salon 2
Moderator: Sallie Baxendale

Learning Objectives:
1. Cultural Considerations in Assessment of Brain Injury after Interpersonal Violence
2. Traumatic Brain Injury Among Individuals Pursuing Treatment for Opioid Use Disorder
3. Evaluating Cognitive Performance Using the National Institutes of Health Toolbox Cognitive Battery Following Pediatric Traumatic Brain Injury (TBI)
4. Evaluating a Novel Cognitive Behaviour Therapy Intervention for Sexuality Changes After Traumatic Brain Injury
3:30—4:55 PM (continued)

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
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
5. Lieke Jorna Mechanisms of Mental Fatigue following Subarachnoid Hemorrhage: a Focus on Processing Speed and Attention

5:00—6:00 PM
Plenary F
Confabulation and Reality Filtering
Room: 6th Floor, Broadway Ballroom
Introduction by: Jon Evans
Presenter(s):

Armin Schneider, MD
University Hospitals of Geneva

Armin Schneider 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 dissociation, 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

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.

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 & Majestic Complexes

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.
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 personalized 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

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
**9:00–10:30 AM (continued)**

**Paper Session 19**

Other Dementias

**Room:** 5th Floor, Westside Ballroom Salon 4  
**Chair:** Olivier Piguet

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 FTLD-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

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

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**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 those being raised in monolingual environments. Language inhibition being raised in bilingual environments has 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.

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**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

2. Cynthia Austin
   Post-Evaluation Consultation: Examining Parent Outcomes and Family Barriers

3. Kelly McNally
   Added Value of Brief Cognitive Behavioral Therapy in Multidisciplinary Care for Youth with Persistent Post-concussion Symptoms

4. Carly Goodman
   One-Year Follow-Up of the I-InTERACT-North Transdiagnostic Parenting Program for Children at Neurological Risk: Who Fares the Best?

5. Angela Deotto
   Prioritizing Patient-Oriented Research in Neuropsychological Services: Capturing Parent and Stakeholder Feedback to Guide the future of I-InTERACT-North

6. Maral Aghvinian
   Treatment preferences among Veterans with TBI: A mixed-methods pilot study

7. Whitney Allen
   Testing the Effects of Transcranial Photobiomodulation (TFBM) on Cognitive and Motor Function in NCAA American Football Players: A Randomized Sham-Controlled Pilot Study

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

9. Jason Bailie
   Impact of Cognitive Rehabilitation on Military Performance for Service Members with a History of Mild Traumatic Brain Injury

10. John Bernstein
    Value of a Familiarization Session for the Adaptive Tracking Task in Interventional Clinical Trials

11. Emanuel Boutzoukas
    Effects of combined cognitive training and transcranial direct current stimulation (tDCS) on self-reported everyday function in older adults

12. Megan Bradson
    Internet-Delivered Cognitive Behavioral Therapy Improves Neuropsychological Symptoms and Positive Affect in Persons with Multiple Sclerosis: Preliminary Results from a Randomized, Controlled Phase III Clinical Trial

13. Marios Constantiniou
    CBT Improves Mild Cognitive Impairment

14. Jade Dandurand
    Moderators of Cognitive Processing Speed Changes Following a Piano Training Intervention in Older Adults at Risk for Dementia

15. Andrew Darr
    Brain Games for Brain Injury: Use of Computerized Cognitive Training Programs for Treating Chronic Symptoms in Service Members with Mild TBI

16. Ross Divers
    Psychosocial Predictors of Everyday Compensatory Strategy Use in Older Adults

17. Pawanrath Duke
    Music Therapy for Dementia Patients: A Systematic Review

18. Loida Esenarro
    Perspective of Users of a Remote Cognitive Stimulation Programme in Healthy Older Adults.

19. Nicole Evangelista
    The Impact of Cognitive Training and Transcranial Direct Current Stimulation on Dorsolateral Prefrontal Compensatory Scaffolding Effects of a Mind Wandering Intervention for Reading and Math

20. Abigail Farrell
    The Effect of Psychotherapy on Cognitive Functioning in Patients with Alzheimer’s Compensatory Strategy Interventions Among Cognitively Impaired Older Adults: What do Patients Want and Why?

21. Anisa Garrett
    Expressive Suppression Emotional Regulation Strategies are Reduced by Emotional Intelligence Training

22. Allyson Goldstein
    Suicide Potential Reduced by Emotional Intelligence Training in Active-Duty Servicemembers

23. Palmer Grabner
    Efficacy of rTMS on Memory Enhancement in Older Adults with Traumatic Brain Injury: A Randomized Clinical Trial

24. Karl Grewal
    Integration of Technology with Cognitive Rehabilitation for an Individual with Dementia and Their Care Partner

25. Małgorzata Gut
    Effectiveness of the Cognitive Training with the use of the Mathematical Computer Game in Children with Dyscalculia Risk

26. Daya Grewal
    Improvements in Verbal Memory Following a Piano Training Intervention in Older Adults at Risk for Dementia

27. Ilka Hewson
    Social Determinants of Health and Health Equity in the Treatment and Rehabilitation of Sport-Related Concussion: A Content Analysis of Intervention Research

28. Kwang Joon Hong
    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

29. Ila Iverson
    Is Computerized and VR Cognitive Remediation Effective for Cognitive and Everyday Function? A Systematic Review for Adults with Acquired Brain Injury

30. Gwenny Janssen
    Fine Motor Skills in Patients with Sickle Cell Disease

31. Noga Katz
    Long-term Rehabilitation Outcomes Following Compensatory Cognitive Training for Unstably Housed Veterans with Mental Health Conditions

32. Amanda Keene
    Math and Visuospatial Skills Among Females with Fragile X Premutation: A Cross-Sectional Analysis

33. Amber Keller
    Effects of an 18-month multimodal intervention on cognitive function (J-MINT PRIME Tamba): A randomized controlled trial

34. Hisatomo Kowa
    The Impact of a DCS and Cognitive Training Intervention on Task-Based Functional Connectivity

35. Spencer Loong
    The Effectiveness of Mindfulness-Based Relapse Prevention in Improving Cognitive Flexibility and Decision Making for Methamphetamine Addicts: A Pilot Study

36. Jessica Kraft
    The Role of Premorbid Functioning in Predicting Memory Outcomes After Memory Training

37. Anke Loijen
    Effectiveness of Heart Rate Variability Biofeedback Intervention in Treating Post-Concussion Symptoms Within Three Months After Mild Traumatic Brain Injury

38. Spencer Loong
    The Effectiveness of Mindfulness-Based Relapse Prevention in Improving Cognitive Functioning and the Modification of Alcohol-Approach Tendencies

39. HSUEH CHEN LU
    Examining Biological Sex and Depression as Potential Moderators for Specific Emotion-Regulation (ER) Strategies in Older Adults Exploring Tailored Exercise Interventions in Older Adults to Improve or Maintain Cognitive Neurocognitive-Based Visual Attention and Linguistic Mechanisms of Change: A Multi-Method, Randomized Control Trial of a Social-Cognitive Intervention Program in Autistic Youth

40. Hsueh Chen Lu
    Emotional Intelligence Training Effects on Antisocial Behavior in Children with ADHD: A Feasibility Study

41. Paloma Mallik
    Emotional Intelligence Training Effects on Interpersonal Awareness Within a Military Sample

42. Valerie Medina
    Emotional Intelligence Training Effects on Antisocial Behavior in Children with ADHD: A Feasibility Study

43. Kritika Nayar
    Aerobic Exercise and Pedomotor Therapy: A Hybrid Paradigm for Reading Rehabilitation in Aphasia

44. David Negelspach
    Emotional Intelligence Training Effects on Aggression in Active-Duty Military Servicemembers

45. David Negelspach
    Emotional Intelligence Training Effects on Interoceptive Awareness Within a Military Sample

46. Emily Pregmon
    An Online Mindfulness-Based Intervention for Children with ADHD: A Feasibility Study

47. Prarat Reddy
    Aerobic Exercise and Pedomotor Therapy: A Hybrid Paradigm for Reading Rehabilitation in Aphasia

48. Melissa Reigh-Fuehrer
    Emotional Intelligence Training Effects on Aggression in Active-Duty Military Servicemembers

49. Melissa Reigh-Fuehrer
    Emotional Intelligence Training Effects on Interoceptive Awareness Within a Military Sample

50. Keri Rosch
    Emotional Intelligence Training Effects on 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. Pritam 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**

**DAILY SCHEDULE — POSTER SESSIONS**

54 Kate Shirley

An Examination of Clinically Meaningful Change Among Veterans with Mild Traumatic Brain Injury Following Compensatory Cognitive Training

55 Lidly 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 Correro

Lower Learning Ratios Among Amnestic versus Nonamnestic 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 BIFOC and WHI Veterans with Amnestic MCI

21 Stephen Docherty

Neuropsychiatric Symptoms Scores Do Not Differ with Nursing Home Placement

22 Madelyn Eckel

Using the 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 Working Memory Task Induced Hemodynamic Abnormalities in Positive and Negative Activations in Patients with Mild Cognitive Impairment

37 Zachariah Hoell

Close Relationships and Habituation Improve the Prognostic Utility of Informant-Rated Symptoms for Predicting Cognitive Decline

38 Olivia Horn

A novel scoring protocol for assessing unprompted imaginative thinking in young and older adults

39 Mariam Hovhannisyan

Effects of Delusions and Hallucinations on Cognitive Functioning in Alzheimer’s Disease

40 Ella Jennings

Deficits in Emotional Face Processing as an Early Marker of Subjective Cognitive Decline: Preliminary Results

41 Jessie Jenson

Examining Age- and Alzheimer’s Disease Risk-Related Performance on a Stimulus Equivalence Task

42 Kylie Kadey

Effect of Education on the Usefulness of the Montreal Cognitive Assessment Total and Index Scores

43 Yeonwook Kang

Association between NIH Toolbox Measures and Informant-Report Functional Abilities in Mild Cognitive Impairment and Dementia of the Alzheimer Type

44 Tatiana Karpouzian-Rogers

Stathmin-2 (STMNZ) as a Potential Substrate of Cytoskeletal Integrity in Cognitively SuperAgers

45 Allegra Kawles

LAS-Stabil Face-Name Associative Memory Exam: Discriminant validity for the detection of

46 Greta Keller

Categories: Findings from the National Alzheimer’s Coordinating Center

**Thursday February 14**

**Poster Session 02**

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

1 Jorge Alcina

Associations Among Loneliness, Subjective and Objective Cognitive Decline in Community-Dwelling Older Latinos and Alzheimer’s Disease

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

Associated With APOE Genotype, Plasma Neurofilament Light Chain (NFL) and Cognition in Autosomal Dominant Alzheimer’s Disease

9 Maria Borduyug

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 Amnestic Mild Cognitive Impairment?

12 Alison Chung

Exploring Well-Being and Cognitive Status as Death 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 Posterior Cortical Atrophy (PCA)

14 Maria Florencio Clares

Neuropsychological Characteristics of a PSRN 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
DAILY SCHEDULE — POSTER SESSIONS

47 Lauren Kenney
Subjective Memory Change's Link to Left Temporal Lobe White Matter Hyperintensity Burden in Older Adults with a Family History of Alzheimer's Disease

48 George Kent
A Principle Component Analysis of Executive Functioning

49 Yousef Khattab
Neurocorrelates of Working Memory Load in Older Adults with Mild Cognitive Impairment

50 Shraddha Kinger
Assessing Paredolic Tendencies in Persons with Parkinson’s Disease and Healthy Adults: An Online Survey

51 Mary Kosmidis
Early Indicators of Progression to MCI: Neuropsychological Correlates of Pre-MCI

52 Carl Krynicki
An evaluation of the convergent validity of a face-to-face and virtual neuropsychological assessment counter balanced

53 Natalie Kurniadi
Cognitive Decline in Mild Cognitive Impairment: Differences Between those who Remain Stable Versus those who Progress to Dementia

54 Taylor Lambert
The Moderating Effect of Personal Dementia Experience and Age on the Relation of Dementia Worry to Illness Perceptions

55 Ann Lee
Associations Between Biomarkers of Neuronal and Glial Dysfunction, White Matter Hyperintensities, and Cognition in Aging and Alzheimer’s Disease

56 Ji Soo Lee
Perceived Stress and Cognitive Decline in Older Adults in 4-year Follow-Up: Which Aspect of Perceived Stress is Important?

57 Xingzi Li
Self-Efficacy for Recognizing Cognitive Lapses Predicts Performance on a Novel Task Assessing Daily Naturalistic Activities in Community-Dwelling Mid-life and Older Adults

58 Stacey Lipio-Brothers
Contribution of Depression and Sleep in Memory Functioning among Patients Diagnosed with Alzheimer's Disease Dementia, Lewy Body Dementia, and Parkinson's Disease

59 Dona Locke
Longitudinal Neuropsychological Evaluation Allows Diagnosis of Amnestic Mild Cognitive Impairment with less Severe Cognitive Changes

60 Francesca Lopez
Neurocognitive Correlates of Mitochondrial Function in Older Adults at Risk for Alzheimer’s disease

61 Elizabeth Malkin
Utility of Neuropsychological Testing for Patients with Posterior Cortical Atrophy (PCA): A Case Study

62 Myjae Maloy-Robertson
Pilot Investigation of Blood-Based Cytokines in Alzheimer’s Disease

63 Anat Marmor
Cognitive Reserve, as Measured by Higher Education Level, Predicts Delayed Age of Onset but Higher Deterioration Rate Among Patients with Alzheimer's Disease Receiving Treatment

64 John Martin
Exploration of Caregiver Communications in a Memory Clinic: Factor Analytic Structure and Associations with Dementia Severity and Caregiver Burden

65 Nicole McClure
Examining the Relationship Between Perceived Social Support from Children in Later Life and Cognition

66 Kimberly Miller
Anxiety and Cognitive Functioning Among Older Adults During Neuropsychological Assessments

67 Luke Miller
Self-Reported Changes in Driving and Cognitive Decline: Evidence for a Bidirectional Relationship

68 Stacey Moeller
Simulated Alzheimer Clinical Trial Enrollment: Which Criteria Hinder Diverse Participants?

69 Eliza Morgan
Inflammatory Correlates of Gait Speed and Cognitive Function in Older Adults with MCI

70 Cynthia Munro
Cognitive Predictors of Subjective Stress Response in Individuals at Risk for Alzheimer’s Disease

71 Alyssa Nett
The Clinical Utility of the Neuropsychological Exam in Early Identification of Corticobasal Syndrome

72 Stephanie Nitschke
Global Reductions in Perfusion are Associated with Worse Cognitive Performances in Parkinson's Disease

73 Deyran Paredes
Cognitive and Military Predictors of Health-Related Quality of Life in Veterans with PD

74 Nicholas Picasso
Aphantasia and Diminished Imagery in MCI

75 Olivier Pignot
Visuospatial Working Memory in Behavioural Variant Frontotemporal Dementia: A Comparative Analysis with Alzheimer’s Disease using the Box Task

76 Kendra Pizzonia
Examining the Primary Effect and Driving Abilities in Community-Dwelling Older Adults

77 Winston Qin
A Prospective Study of Midlife Dietary Total Fat Intake and Subjective Cognitive Complaints Among Older Women

78 Nathan Ramirez
Clinical Utility and Factor Structure of the Functional Activities Questionnaire (FAQ) in a Sample of Hispanic Adults Affected by Behavioral Variant Frontotemporal Dementia (bvFTD)

79 Amtul-noor Rana
Measuring Effort-Based Decision-Making Across the Lifespan. An Update on Task Development and Validation.

80 Carli Roberson
Is There a Cognitive Phenotype for Patients with AD who have a History of TBI?

81 Janeli Rodriguez
Utility of the Frontotemporal Lobar Degeneration Module (FTLD-MOD) to Distinguish Underlying Neurodegenerative Neuropathology in behavioral variant Frontotemporal Dementia

82 Jessica Romano
Visuospatial Functioning Moderates the Relationship Between Individuals With Parkinson’s Disease and Nonverbal Learning and Delayed Recall Brain Health in Middle-Aged and Older Adults in Relation to Prescription and Herbal Supplement Sleep Medication Use

83 Dania Salman
Verbal Memory Algorithm Predicts Conversion to Dementia in a Clinical Sample with MCI

84 Victoria Sanborn
The Relationship Between Caregiver Endorsed Disinhibition and Functional Independence on the TFLS

85 Bobbye Sanders
Elevated Neuroinflammatory Cytokine Ciliary Neurotrophic Factor (CNTF) Found in Individuals with MCI and a History of TBI Compared to Individuals with MCI Alone

86 Adriana Savettiere
Blood Pressure Variability and Plasma Alzheimer’s Disease Biomarkers in the Systolic Blood Pressure Intervention Trial

87 Isabel Sible
Neuropsychiatric Symptoms and Everyday Functioning in the Prodromal Stage of Dementia with Lewy Bodies

88 Jasman Sidhu
Strategy Use in Design Fluency Performances in Mild Cognitive Impairment and Alzheimer’s Disease

89 Jasman Sidhu
The role of multiple cognitive functions in predicting verbal fluency in Mild Cognitive impairment and Alzheimer’s disease

90 Jasman Sidhu
The role of objective and subjective prospective memory reports in everyday functioning in Mild Cognitive Impairment and Alzheimer’s disease

91 Jasman Sidhu
Demographic and Cognitive Predictors of Visual-Graphic Memory Test Performance

92 Cassandra Smith
Advantageous Decision-Making Among Older Adults is a Function of Positive Semantic Markers

93 Marilyn Steinbach
Longitudinal Evaluation of Semantic Variant Primary Progressive Aphasias: Case Report

94 Jennifer Stinson
Associations Between Self-Reported and Neuropsychological Measures of Impulsivity in Parkinson’s Disease

95 Shelby Stohlan
Examining Executive Dysfunction in Dementia: Vascular Etiology as a Contributor to Greater Impairment

96 Julianne Szemko
Relationship Between Executive Functions and Burnout in Familial Caregivers of Alzheimer Disease Patients During the COVID-19 Pandemic in a Puerto Rico Sample.

97 Stephanie Torres-Ramos
WAIS-IV Subtest Profiles in MCI Subtypes and Dementia

98 Laura Glass Umfleet
Sex Differences in the Association of Dementia Worry with Everyday Functioning in Older Adults

99 Jalyyn Underwood
Processing Speed’s Umbrella: Attention or Executive Functioning?

100 Baylee Van Winkle
Disentangling the Neurobiological Pathways of Systemic Cardiovascular Health

101 Anna VandeBunte
Prospective Parental Diagnosis of Dementia is Associated White Matter Hyperintensities in Middle Age

102 Rafael Vignoli Lippert
Surviving in the wake of a COVID-19 Pandemic in a Puerto Rico Sample.

103 Alyssa Weakley
Examination of Intrapersonal Characteristics Associated with Cognitive Function Among Older Adults with Subjective Cognitive Decline

104 Daniel Weitzner
Using Retention Scores to Improve the Clinical Utility of the Consortium to Establish a Registry for Alzheimer's Disease (CERAD) Word List

105 Nicole Whiteley
Examining the Relationship Between Subjective and Objective Measurement of Executive Functioning and Cognitive Symptom Management in Healthy Older Adults
9:30—10:40 AM

**Poster Session 03**

**Neurotrauma | Neurovascular**

Room: 6th Floor, Shubert & Majestic Complexes

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<td>Kathy Chiu</td>
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<td>Screening for Intimate Partner Violence-Related Brain Injury in Transgender and Gender Diverse Individuals</td>
<td>Carrie Esopenko</td>
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<td>Elisabeth Wilde</td>
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<td>Violence-related Traumatic Brain Injury in Justice-involved Individuals</td>
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<td>Ilyssa Silverman</td>
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<td>Examining the Relationship Between History of Prior Concussion and Perceived Stress</td>
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<td>REACTIONS after early childhood concussion: Performance criteria for refining a post-concussive symptoms inventory</td>
<td>Cindy Beaudoin</td>
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<td>Intercultural Violence Among Individuals with and Without TBI During the COVID-19 Pandemic: A Nationwide Study Survey</td>
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<td>Substance Use Among Women with Intimate Partner Violence Experiences with and without Head Injuries</td>
<td>Sharon Chen</td>
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<td>The Effects of Hazardous Alcohol Use on Emotional Regulation during TBI Recovery</td>
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<td>Suhani Dheer</td>
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<td>Emily Dudek</td>
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<td>Natalie Edwards</td>
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<td>Reliability of Informant Responses to the Boston University Repetitive Head Impact Exposure Assessment</td>
<td>Farwa Faheem</td>
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<td>False Confidence in mTBI Patients Looking Beyond Time Since Injury</td>
<td>Daniel Franz</td>
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<td>Following Mild Traumatic Brain Injury in Predicting Cognitive Performance</td>
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<td>Evaluating Social Perception Using the TASIT in Individuals with TBI. Assessing the Role of Executive Function in Traumatic Brain Injury Survivors’ Clustering and Switching Performance</td>
<td>Jean Lengenfelder</td>
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<td>Johnny Lopez</td>
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<td>Terina Myers</td>
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<td>Stephanie Neaves</td>
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<td>Morgan Nitta</td>
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**Poster Session 04**

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

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

**12:00-1:10 PM**

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<td>Mark Sanderson-Cimino</td>
<td>Evaluation of longitudinal remote smartphone cognitive assessments for early detection and longitudinal monitoring in frontotemporal lobar degeneration</td>
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<td>Emily Paolillo</td>
<td>Longitudinal decline in smartphone usage relates to disease severity and clinical progression in frontotemporal lobar degeneration</td>
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<td>Rapid detection of the earliest amyloid-related changes in memory consolidation: assessment of learning using daily digital testing</td>
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<td>Developing A Digital Cognitive Outcome Measure for Down Syndrome-Associated AD Prevention Trials</td>
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<td>Rachel Yep</td>
<td>Evaluating the use of eye tracking as a language- and culturally-neutral cognitive assessment for use across diverse groups</td>
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<td>Comparing Trajectories of Somatotor-Dorsal Attention Network Connectivity in Youth Recently Recovered from Concussion and Controls.</td>
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<td>Long-Term Change of Instrumental Activities of Daily Living Change in Parkinson’s Disease After Subthalamic Deep Brain Stimulation</td>
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<td>Mean Performance is the Greatest Predictor of Within-Person Variability on Repeated Smartphone-Based Ecological Momentary Cognitive Testing</td>
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<td>Characterizing Phencyketonuria using Digital Cognitive Assessments: The Impact of the Digit Symbol Matching Test and Tyrosine Levels</td>
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<td>Convergent Validity between PedaTrac and Ages and Stages Questionnaire at 9- and 12- months Purpose in Life Moderates the Association between Age-Related Left Hippocampal Volume and Memory Function in Older Adults</td>
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<td>Cognition and Task Switching Accuracy in a Working Memory Task “How did I do?” Expectations About Feedback and Their Associations with Remote Cognitive Assessment in an Older Adult Sample</td>
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**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 Ambrozia-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 in the Association Between Autonomic Functioning and Emotional Regulation in Early Childhood

**11** Jason Bailie

Cognitive Rehabilitation and Military Blast Exposure Neuropsychological Factors Related to Warfighter Performance

**12** Jason Bailie

Self-Reported Pain and Observation in People with Korsakoff's Syndrome: A Pilot Study

**13** Janice Bidesie

Impact of Apathy and Depression on Functional Impairment

**14** Shenille Bisson

The Relationship Between "Hold" Index and Personality Measures to Community-Based Neuropsychological Rehabilitation Programs Outcomes

**15** Ayala Bloch

Empathy and Affect Recognition and Memory as Predictors of Community Integration

**16** Robiann Broomfield

Emotion recognition and perception in simple and complex social contexts in persons with hemispherectomy

**17** Warren Brown

Role of the Prefrontal Cortex in the Diagnosis and Management of Functional Neurological Disorders
POSTER SESSION 5 (continued)

18 Arlene Chang
Aviation Mental Health: A Systematic Review of Depression and Suicide in Airline Pilots

19 Carmen Chek
Affect intensity moderates the relationship between familiarity with multicultural faces and memory for facial emotion

20 Hsueh-sheng Chiang
Event-related potentials during Go/NoGo tasks predict neuropsychological functioning in veterans with chronic symptoms from traumatic brain injury

21 Mary Clark
Subjective Cognitive Complaints and Neuropsychological Performance in Suicide Attempters with PTSD

22 Maurizio Cundari
The Clinical Utility of Neuropsychological Tests for Assessment of Adult ADHD/ASD

23 Jill Del Pozzo
Patterns and Predictors of Cognitive Change over Time in Chronic Traumatic Brain Injury: Insights from a Longitudinal Telephone-Based Study

24 Jill Del Pozzo
Prevalence of Traumatic Brain Injury in Sexual and Gender Minority Individuals: Leveraging the All of Us Database

25 Katherine Desrosiers
Neuropsychological Performance of Past Substance Abusers in Depressed Samples at Risk for Suicidal Behavior

26 Alina Dillahunt
Maternal Anxiety and Depression, Child Temperament, and the PediaTracTM v.5.0 Motor Domain

27 Jasmine Dixon
A Conceptual Model of Coping in MCI: Exploratory Factor Analysis of Coping Styles in Response to an MCI Diagnosis

28 Madison Dykins
Two Distinct Cognitive Profiles Characterize Patients with First-Episode Psychosis

29 Naomi Edwards
Parental Executive Functioning Abilities and Their Impact on Adolescent Impulse Regulation

30 Willem Eikelboom
Assessment of agitation and aggression in inpatients with alcohol-related cognitive disorders: A review of informant-based scales

31 Katherine Elwell
Characteristics and Management of Traumatic Brain Injury in Young Children (0-5 years)

32 Lena Etzel
Delusional Parasitosis: A Case Report

33 Kathleen Feehey
Interactional Effects of ADHD Diagnosis and Dysregulation in the Association Between Family Factors and Cortical-Subcortical Resting-State Functional Connectivity

34 Madison Forde
Investigating Potential Associations Between Postnatal Maternal Alcohol Use and Variation in Infant Cortisol Levels

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

36 Christina Gillezeau
Deficits in Working Memory in a Community Sample of PTSD Patients

37 Grace Goodwin
Bridging Neuropsychiatric Symptoms and Cognitive Performance in Alzheimer’s Disease: A Network Analysis

38 Palmer Grabner
Improvement in the Clinical Scales of the Personality Assessment Inventory Following Emotional Intelligence Training in an Active-Duty Military Sample

39 Daya Grewal
The Impact of Trauma on Attention: Differences in Digit Span Performance among Individuals with Varying Levels of Posttraumatic Stress Symptoms

40 Jonastasya Griffith
Cultural Identity and Discrimination Effects on Emotional Regulation Strategies in Adolescents

41 Christian Habbeck
Blood-Based Pollutants are associated with worsening Cognitive Health

42 Asia Hemphill
A Calm Mind: Avoidant Coping, Anxiety, and Executive Decline in Ethnoracially Diverse Undergraduates

43 Kymberly Henderson-Arredondo
The Effectiveness of Blue Light Therapy on PTSD Developed After Direct Exposure Versus Indirect Exposure to Trauma.

44 Reyna Hickey
Sex Differences in Cognition Among Older Cannabis Users

45 Amelia Hicks
Plasma-Based Protein Biomarkers of Chronic Traumatic Brain Injury: Genetic, Demographic and Injury Correlates

46 Dan Hoofien
Pre-Injury Personal, Social and Vocational Predictors of Late Rehabilitation Out-Comes Among Persons with Traumatic Brain Injuries

47 Kristina Horne
Linking motivational disturbances and behavioural rigidity in frontotemporal dementia

48 June-Hui Huang
The Recognition of Emotions with different facial feature in Preschool children

49 Davin Iverson
The Black Sheep of the Emotional Family: Disgust Does Not Improve Associative Memory Binding

50 Ila Iverson
Adverse Childhood Experiences and Cognitive Difficulty in High School Students in the United States During the COVID-19 Pandemic

51 Gwenny Janssen
A Feasibility Study on the use of a Smartwatch to Support Spatial Navigation in Patients with Alcohol-Related Cognitive Disorders

52 Hanna Jokinen
Executive Function Subcomponents and Processing Speed are Differentially Related to Functional Impairment and White Matter Hypertensities in Covert Cerebral Small Vessel Disease

53 Justin Karr
Confirmatory Factor Analysis of the Neurobehavioral Symptom Inventory in Women with and without Brain Injuries due to Intimate Partner Violence

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

55 Emma Khalid
Semantic Fluency Across Biotypes and Diagnoses

56 Emily Kim
A Systematic Review of Cognitive Functioning Among Individuals With Schizophrenia Spectrum in Relation to Cannabis Use

57 Jia Kim
Role of Racial Disparities on Mental Health Help-Seeking Attitudes in Asian Americans: A Systematic Review

58 Michelle Kim
Subsyndromal Depression, Gender, and Verbal Memory in Widowed Adults

59 Jessica Kirkland Caldwell
Self-reported stress exposure impacts women’s quality of life and risk for Alzheimer’s disease

60 Denise Krch
Loneliness and depression improve after a grief-based treatment in TBI caregivers

61 Isa-Marie Kreuzinger
Stigma and Mental Health in LGBTIQ: How Stigmatization Impacts Severity and Symptoms of Depression, Anxiety, and Stress

62 Daniel Krzyzanowski
Neurocognitive Correlates of Self-Reported Emotional Experience in Schizophrenia

63 Sarah Langdon
Psychiatric Symptomatology in Veterans with MCI and History of TBI

64 Sarah Lehman
Examination of Motives for Cannabis Use and Risky Decision-Making on Cannabis Use-Related Problems Among Teens

65 Yating Lei
Impact of Computerized Auditory Information Processing Remediation Training on Cortical Thickness in Adults with Chronic Traumatic Brain Injury

66 Brianna Lenza
The Relationship Between Anxiety and Memory for Emotional Components of Images

67 Audrey Li-Chay-Chung
Examining Dimensions of Social Connectedness and Their Contributions to Neurocognitive Functioning in Homeless and Precariously Housed Individuals

68 Daniel Lopez
The Intersection of Perceived Stress and Mood on Cordoba Naming Test Performance in a Mexican Population

69 Hannah Lovato
General vs. Age-Anchored Measures of Subjective Decline: Relationships with Depression and Anxiety

70 Jeremy Maciarz
Dual Task Cost in Older Adults With and Without Lifetime History of Depression

71 Tulip Marawi
Self-Report Agerode and Retrograde Memory Outcomes Following Electroconvulsive Therapy in Adults with Major Depressive Disorder

72 Francesca Mariani
The Role of Theory of Mind in Criminal Behavior

73 Mollie McDonald
Inhibitory control outside of emotional contexts

74 Penita Miller
The Negative Changes in Cognitions Fluency Performance in a Clinical Sample

75 Cayla Mitzkovitz
Heightened Vulnerability for Internet Gaming Difficulties During the COVID-19 Pandemic

76 Brett Montgomery
The Heightened Vulnerability for Internet Gaming Disorder in PTSD?

77 Kyler Mulhauser
The Role of Impulsivity and Negative Changes in Cognition

78 Use of Psychotropic Medications May Predict Cognitive Decline Over Time in Patient’s MMSE Score

79 Tracey Murphy
Cannabis use in older adults: Preliminary neuropsychological test findings
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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 Hunisberger
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 Neuropsychological 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 Asian Cohort for Alzheimer's Disease (ACAD)

### 9. Li-San Wang
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 Principles of Community Engagement and Relevant Research Methods

### 12. Staci Young
The BAND-Together Initiative: Perspective of the Clinical Research Coordinator

### 13. Laura Glass Umfleet
The BAND-Together Initiative: Perspective of a Community Research Collaborator

### 14. Madeline Ally
The BAND-Together Initiative: Perspective of a Clinician Collaborator

### 15. Lilly Mason
Association of Sleep Behaviors with Cerebral White Matter Hyperintensity Volume in Healthy Middle-Aged to Older Adults

### 16. Denise Pitchford
Subtle Cognitive Differences in Cognitively Unimpaired Older Veterans with and without Type 2 Diabetes

### 17. Malgorzata Franczak

### 18. Alin Alshaheri Durazo
Carotid Stiffness is Associated with Poorer Language Abilities in Older Adults Without Dementia

### 19. Stacey Andersen
Impact of Perspective Taking on Metacognitive Judgments in Healthy Older Adults and AD Patients

### 20. Alex Bahar-Fuchs
Repeated, Embedded Cognitive Measures in a Co-Designed Exergame for Older Adults in Long-Term Care Cognitive and Numeracy Correlates of Financial Decision-Making Tasks in Older Adults

### 21. Katherine Bangen
Lifetime Head Trauma Exposure as a Risk Factor for Frontotemporal Dementia Spectrum Diagnoses

### 22. Elodie Bertrand
Cardiovascular Risk Scores are Associated with Cerebral Perfusion in Middle-Aged but not Older Adults

### 23. Renée Biss
DRD3 Predicts Cognitive Impairment in Parkinson's Disease: Susceptibility Effects

### 24. Madison Bouchard-Liporto
Similarities in dispersion of cognitive profile among individuals with subjective or amnestic mild cognitive impairment

### 25. Jessica Bove
Peripheral GDF15 Associates with Accelerated Cognitive Aging in Community-Dwelling Adults

### 26. Abigail Bowsher
Purpose in Life and Brain Health in Older Adults

### 27. Sarah Bowsher
Purpose in Life and Brain Health in Older Adults

### 28. Sara Cavaco
Purpose in Life and Brain Health in Older Adults

### 29. Hsin-Te Chang
Purpose in Life and Brain Health in Older Adults

### 30. Coty Chen
Purpose in Life and Brain Health in Older Adults

### 31. Jeanyung Chey
Purpose in Life and Brain Health in Older Adults

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### Posters ((room 16, floor 5-6, Shubert & Majestic Complexes)

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35 Victor Di Rita  Comparing Neural Correlates of Object-Location Associations in Healthy Aging and Alzheimer's Disease: A Multi-Modal Approach
36 Victor Di Rita  Concurrent Functional Near-Infrared Spectroscopy and 6 Degree of Freedom Immersive Virtual Reality in Older Adults
37 Valentina Diaz  Insulin Resistance Exhibits Sex-Specific Prognostication of Memory Decline in Cognitively Unimpaired Older Adults
38 Kevin Duff  Short-term Practice Effects on Cognitive Tests Across the Life Long Cognitive Spectrum and how they Compare to Biomarkers of Alzheimer's Disease
39 Willem Eikelboom  Modeled Location Learning Test-Revised learning curves to differentiate minor and major neurocognitive disorders
41 Chima Ezeh  Loneliness Independently Impacts Neuromaging-based Cerebrovascular and Alzheimer’s Disease Biomarkers and Cognition in a Middle-aged, Community-based Sample
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
43 Leslie Gaynor  Subjective Cognitive Concerns at Baseline Predict Cognitive and Brain Aging Trajectories in Cognitively Normal Older Adults
44 Michelle Gereau  Time-Based Prospective Memory Predicts Overestimation of Performance Speed on Functional Tasks Among Community-Dwelling Older Adults
45 Marissa Gagnost  Bouts of sedentary behavior over 20 minutes are associated with neurodegeneration and worse cognition in older adults over a 7-year follow-up period
46 Christopher Gonzalez  Exploring the Relationship of White Matter Hyperintensities with Subjective Cognitive Decline and Financial Management Among Cognitively Normal Older Adults
47 Matthew Grilli  Direct Access to Episodic Memories is Lower in Healthy Middle-Aged to Older Adult Apolipoprotein E4 Carriers Compared to Non-Carriers
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
49 Ashita Gurnani  Midlife Glucose Levels Predict Cognitive Changes: The Framingham Heart Study (FHS)
50 Shana Harris  Is practitioner appraisal of facial expressivity in Parkinson’s disease affected by race?
51 Daniel Hernandez  Retrieving autobiographical memories in autobiographical contexts: Are age-related differences in narrated episodic specificity present outside of the laboratory?
52 Tracey Hicks  Activity Level, Cognition, and Regional Cerebellar Volume in Healthy Aging
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
54 Alexandru Iordan  Understanding the Relationships between Alzheimer’s Disease Pathology, Brain Function, and Later-Life Neuropsychiatric Symptoms
55 Muireann Irish  Deconstructing Semantic Contributions to Imagination - Novel Insights From Semantic Dementia
56 Muireann Irish  The Evolution of Motivational Disturbances Over the Disease Course in Frontotemporal Dementia and Alzheimer’s Disease
57 Niyenth Iyengar  The Impact of Traumatic Brain Injury on Longitudinal Functional Decline in Older Individuals With and Without Mild Cognitive Impairment: A Case-Control Study
58 Melanie Johnson  Decline in Inhibition and Attentional Control Across Early Stages of Alzheimer’s Disease Exploring Cognitive Outcomes in the Physical Activity and Exercise Outcomes in Huntington’s disease (PACE-HD) Study
59 Marina Kaplan  Mild Cognitive Impairment Over Time: Stability, Reversion, and Decline Among Older Mexican Adults
60 Kayle Karcher  REM Sleep Behavior Disorder: Cognitive Performance, Functional Outcomes, and Quality of Life in Parkinson’s Disease
61 Alyssa Kaser  Disease-Specific Severity of Amygdalar Inflammation in 3R vs 4R FTLD-tauopathies
62 Rachel Keszycki  Unraveling the Controversy between Napping and Alzheimer's Disease: A Systematic Review
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64 Vincent Koppelmans  Semantic Network Interconnectivity Impacts Word Retrieval in Multiple Sclerosis
65 Sophia Lall  Differences in BOLD Activation Between MCI Phenotypes During an N-back Working Memory Task
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67 Taylor Levine  Positivity in Clinically Normal Adults Association Between Obligate Dysfunction and Neurodegenerative Disease
68 Paul Lewis  Progression: a Systematic Review
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71 Mary Machulda  Behavioral and Neuropsychiatric Differences Between Two Atypical Alzheimer’s Disease Variants: Posterior Cortical Atrophy and Logopenic Progressive Aphasia
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75 Jennifer Miller  Processing Speed in Parkinson’s Disease Patients on and off Levodopa
76 Rachel Mis  Naturalistic Eye Movements as Markers of Subtle Functional Decline in MCI and Aging
77 Brittany Morin  A Pipeline To Automatically Capture Speech and Language Features in Alzheimer’s Disease
78 Emma Muller  The Montel Cognitive Assessment (MOCA) at the Framingham Heart Study: A Re-examination of the norms
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.
80 Olivier Piquet  Grey and White Matter Correlates of Motor Speech Disturbances in Nonfluent Progressive Aphasia Syndromes
81 Jennifer Pommy  Mild Cognitive Impairment Subtypes Associated with Abnormal Functional Activation During Response Inhibition
82 Alex Randolph  Cerebral Blood Flow is Associated with Memory in Older Adults with the APOE ε4 Allele
83 Sanghamithra Ramani  Impact of Diabetes on Cognition in Multiple Sclerosis
84 Aanya Ravichander  Family History of Dementia does not Influence the Association Between SCD and Cognition
85 Aanya Ravichander  Caregiver Report Insight of Disinhibitive Symptoms and Relationship with Cognitive Functioning
86 Christopher Reeves  Quality of Life in Patients with Korsakoff’s Syndrome
87 Yvonne Rensen  Preliminary Evaluation of the Digital Maze Test in Relation to Neuropsychological Tests and AD Biomarkers
88 Talia Robinson  Domain-Specific Changes in Informant-Rated Everyday Cognition Skills Over Time
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POSTER SESSIONS 7-8

1:45—3:00 PM

Poster Session 08

Cognition | Cognitive Reserve Variables

Room: 6th Floor, Shubert & Majestic Complexes

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59 Daniel Rallison Participation in Protective Lifestyle Activities, Gender Differences Amongst Cognitive Reserve Variables

Katherine Paltell The Neuropsychological Profile of an 11-Year-Old Female with a Pathogenic Variant of the GRIA2 Gene

Catherine O'Brien Physical Reserve as a Predictor of Cognitive Functioning of Patients with Parkinson's Disease

Kitty Lui Sleep Apnea, Hypertension, and Tau Pathology in Older Women with Increased Alzheimer's Risk

Elise Liljekvist Cognitive Function in Older Adults with Congenital Heart Disease: Results of a National Centre Study

Christina Lee Examining Associations of Prenatal Exposure to Adverse Childhood Experiences (ACEs) and Executive Dysfunction in Cardiac Surgery patients

Kalliopi Megari The Protective Role of Cognitive Reserve in Neurocognitive functions in Cardiac Surgery patients

Lex Minto Cognition and Sexual Wellbeing: A Systematic Review and Meta-Analysis

Caroline Nester Association Between Adverse Childhood Experiences (ACEs) and Executive Dysfunction Within an Adolescent Psychiatric Inpatient Sample

Dorie-Mae Nicolas The Impact of Smoking Status and Years of Education on Visuomotor Set-Shifting Performance Using the Trails Making B Test

Catherine O'Brien Physical Reserve as a Predictor of Cognitive Outcomes Among Older Adults

Emery Oenele The Effect of Smoking Cigarettes on the Cognitive Functioning of Patients with Parkinson's Disease

Caroline Painter Exploring the Impact of Poor Metabolic Health and Sleep Time On Verbal Learning and Memory in Midlife Adults

Katherine Paltell The Neuropsychological Profile of an 11-Year-Old Female with a Pathogenic Variant of the GRIA2 Gene

Celina Plum Sleep Fragmentation and Self-Reported Insomnia and Poor Sleep Quality are Associated with Subjective Cognitive Decline in Older Adults

Susan Ragusa Differences Amongst Cognitive Reserve Variables and Subjective Cognitive Decline in Older Adults

Daniel Rallison Participation in Protective Lifestyle Activities, Gender Differences Amongst Cognitive Reserve Variables and Subjective Cognitive Decline in Older Adults

Angelys Rivera-Hernández Associations Between Physical Activity and Markers of Alzheimer's Disease Pathology in Non-Demented Carriers of Autosomal Dominant Alzheimer's Disease

Lindsay Rotblatt Impact of Cigarette Smoking on Amyloid Burden and Cognition in Older Veterans: Exploring the Moderating role of APOE Genotype

Jennifer Thompson Sleep Quality and Visual Learning in Middle-Aged Adults

Foysal Uddin The association between habitual sleep duration, depression symptoms, and cognitive performance changes in a community-based sample of middle-aged adults and older adults

Kerry O'Leary Associations Between Subjective Socioeconomic Status and Cognition in Racially and Ethnically Diverse Middle-Aged Adults

William Killgore The Neurochemistry of Good Sleep: A Proton Magnetic Resonance Spectroscopy Study

Mary Kosmidis Late-life Cognitive Effects and Dementia Prevalence Among Early Childhood War Survivors

Heather Kwan The Impact of Modifiable Risk Factors on Grey Matter Volume in Healthy Aging Women

Iiris Kyläheiko Associations of Cerebral Small Vessel Disease with Cognitive Functions and Subjective Work Ability in Middle-Aged Adults with Type 1 Diabetes

Christina Lee Examining Associations of Prenatal Maternal Depression and Dyadic Mutuality with Children's Executive Functioning

Tommy Li Exploring the Interplay Between Sleep Patterns, Hormones, and Cortisol: Insights from Mice and Human Studies

Elise Liljekvist Cognitive Function in Older Adults with Congenital Heart Disease: Results of a National Centre Study

Theresa Lin Sleep Disordered Breathing, Cognition, and Body Mass Index in Young Adults

Anthony Longoria Perceived Psychosocial Disadvantage Predicts Cognitive Impairment in a Preliminary 10-Year Follow-up to the Dallas Heart Study

Kitty Lui Sleep Apnea, Hypertension, and Tau Pathology in Older Women with Increased Alzheimer’s Risk

Robert McCormick The Impact of Sleep Disordered Breathing on Neurocognitive Function in a Population-Based Sample of Older Adults

Tatiana C. Varela The Role of Sleep Disordered Breathing in the Development of Cognitive Impairment

Gail E. Johnson Associations of Sleep Disordered Breathing and Subjective Cognition in Older Adults

Anita A. Vitiello Effects of Sleep Disordered Breathing on Cognitive Functioning

Amanda A. Denicola The Relationship Between Sleep Disordered Breathing and Subjective Cognitive Functioning in Older Adults

Posters Sessions 08-9

POSTER SESSIONS 8-9

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Room: 6th Floor, Shubert & Majestic Complexes

1 Jacqueline Becker Neuropsychology in the Era of SARS-CoV-2
2 Bernice Marcopulos Global Dimensions of Neuropsychological Assessment after COVID-19
3 Lucette Cyisque An Overview of Biomarker Research in PASC-Associated Cognitive Deficits
4 Jan Stubbendorf Cognitive rehabilitation of executive functions and attention in Post-Acute Sequelae of SARS-CoV-2 (PASC): A randomized controlled trial
5 Jacqueline Becker The Cognitive Effects of SARS-CoV-2 on Neurocognitive Functioning
6 Catherine Widmann The Relationship Between COVID-19 and Neurodegenerative Disease
7 Natasha Ludwig Neuropsychological Care in Early Life Epilepsies: From Referrals To Outcomes
8 Don Bearden Neuropsychological Referral Practices in Early Life Epilepsy: A Survey of the Pediatric Epilepsy Research Consortium
9 Katrina Boyer Pre-Surgical Neuropsychological Evaluations with Young Children
13 Demy Alfonso Neurodevelopmental Profile of a Pediatric Patient with Cattanomia Epilepsy
14 Caroline Aitchin Pupilometry 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
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46 Lillian Ham Latent profile analysis of cognitive performance and depressive symptoms among people with HIV

47 Jared Hammond Identifi-FI Performance in a Clinical Sample of People with Epilepsy

48 Jasia-Jemay Henderson–Murphy Healthcare Inequities and Systemic Barriers: Examining Medical Trust Among Black/African American Adults with HIV

50 Nahid Heydari Here’s the Story: WMS-IV Logical Memory Performance in Temporal Lobe Epilepsy

51 Sepideh Heydari Robustness of Balance-Related Digital Biomarkers in Differentiating People with Multiple Sclerosis (MS) from People Without MS.

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

54 Michael Jaworski Predictors of Employment Decline in People with Multiple Sclerosis

55 Abhishek Jaywant Cognitive Symptoms and Their Association with Sociodemographic Characteristics, Mood, Daily Function, and Employment in 1600+ Individuals with Long COVID

56 Hyun Jin Kang Antiseizure Medication Effects on the Antidepressant Medication Response in Epilepsy

57 Zoe Kears Preliminary Outcomes of Routine Neuropsychological Screening in a Pediatric Cancer Center

58 Greta Keller Low-Grade Gliomas surgery in Latin America: The role of awake surgery in preserving cognitive and quality of life integrity.

59 Doyen Kim The Reliability and Validity of Multiple Sclerosis Resiliency Scale (MSRS) among Older Adults with Multiple Sclerosis (OAmS)

60 Caroline Kocher Combating Depression in Individuals with HIV: Comorbid Treatment May be the Key

61 Lenka Kramska Validation of the Czech version of Repeatable Battery for the Assessment of Neuropsychological Status (RBANS) in healthy volunteers and PNES patients

62 Madison Landry Within-visit Blood Pressure Variability and Cognitive Performance in Middle-Aged Adults with Metabolic Risks

63 Robert Leavenworth Loneliness but Not Social Isolation Cross-sectionally Associated with Worse Cognitive Function in Older Adults During COVID-19

64 Sofia Lesica Brief Visuospatial Memory Test-Revised (BVMT-R) Performance in Temporal Lobe Epilepsy

65 Chieh Ning Li Combating Depression in Individuals with HIV: Comorbid Treatment May be the Key

66 Yanrong Li Cognitive Symptoms and Their Association with Sociodemographic Characteristics, Mood, Daily Function, and Employment in 1600+ Individuals with Long COVID


68 Kristine Lokken Cognitive Trajectory of Post-Acute Sequelae of COVID-19 (PASC) in a Clinical Sample at Baseline and Follow-up

69 Jessica Ludke Examining the Neuropsychological Profile of Pediatric Long COVID: Influence of Pre-Existing Mood and Attention

70 Maryse Luijendijk Cognitive Functioning in Melanoma Patients Treated with Immuno- or Targeted Therapy

72 Kelly Macdonald Perceived Physical and Mental Fatigability in Aging With and Without Multiple Sclerosis

73 Diana Malouk Predictors of Reading Comprehension Among Children with Epilepsy

74 Maria Martin Design of Fronto-Temporal Cognitive Tests in Pediatric Medulloblastoma Survivors: A Comparison of Survivors with and without Postoperative Cerebellar Mutism Syndrome

75 Zachary Masek Examining the Neuropsychological Profile of Pediatric Long COVID: Influence of Pre-Existing Mood and Attention

76 Katelyn McVeigh The Application of the Community Mental Status Examination (CMSE) to the non-CNS Cancer Population in Taiwan: evidence from pre-chemotherapy colorectal cancer patients

77 Alicia Milam Examining the Role of Serum Biomarkers in the Association Between Hippocampal Internal Architecture and Cognitive Impairment in Multiple Sclerosis

78 Robyn McDaniel Exploring Cardiovascular Risk as a Mediator of the Relationship Between Perceived Racial Discrimination and Cognitive Performance in Black Adults Living with HIV

79 Brian McIver Identifi-FI Performance in a Clinical Sample of People with Epilepsy

80 Joseph McIver Examining the Neuropsychological Profile of Pediatric Long COVID: Influence of Pre-Existing Mood and Attention

81 Rachel McIver Cognitive Functioning in Melanoma Patients Treated with Immuno- or Targeted Therapy

82 Angela McIver Perceived Physical and Mental Fatigability in Aging With and Without Multiple Sclerosis

83 Jaya McIver Predictors of Reading Comprehension Among Children with Epilepsy

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90 Chaloka McIver Examining the Role of Serum Biomarkers in the Association Between Hippocampal Internal Architecture and Cognitive Impairment in Multiple Sclerosis
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10:45 AM–12:00 PM
Poster Session 11
Cultural Neuropsychology | Education/ Training | Professional Practice Issues
Room: 6th Floor, Shubert & Majestic Complexes

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

2. Sara Pishdadian
   A Literature Review of Farsi Neuropsychological Normative Data and a Clinical Case Study on Neuropsychological Assessment of a Bilingual English/Farsi Individual

3. Aimee Karstens
   Adaptation of Mayo Test Drive for Monolingual and Bilingual Spanish Speakers Using a Community Engaged Approach

4. Marta Statucka
   The Impact of Multiculturalism on Performance-Based Tools and Subjective Elements of Neuropsychological Assessment

5. Ambar Perez-Lao
   Systematic Review of Normative Data and a Trainee’s Perspective on Neuropsychological Evaluation of Hispanics/Latinx Individuals

6. Justin Miller
   Intersecting Determinants of Health: The Influences of Community, sex, race, and Ethnicity in Aging Outcomes, a Health & Aging Brain Study – Health Disparities project

7. Christina Wong
   Evaluation of neighborhood-level disadvantage and cognition in Mexican American and non-Hispanic White adults 50 years and older in the US

8. Tasha Rhoads
   Differential Associations of Race/Ethnicity and Neighborhood Disadvantage on Experiences of Everyday Discrimination, Chronic Stress, Depression, and Anxiety in the HABS-HD Cohort

9. Jessica Caldwell
   The role of sex and neighborhood disadvantage in cognition and blood-based AD biomarkers in a racially and ethnically diverse community cohort

10. Justin Miller
    Associations between neighborhood-level disadvantage and blood-based ATN biomarkers of AD in Hispanic and non-Hispanic older white adults

11. Ayushi Agrawal
    Verbal Memory and Fluency Performance Differences in Hispanic Older Adults Living in Mexico versus the United States

12. Demy Alfonso
    Neuropsychological Evaluations of Bilingual (Spanish/English) Pediatric Patients with Case Study

13. Shelby Allan
    The “Bilingual Hypothesis” and Executive Function in College-Aged Individuals: Time to Consider the Role of Acculturation?

14. Priyanka Alluri
    Multilingual and Socioeconomic Influences on Childhood Cognitive Skills

15. Seth Almaraz
    The Effects of Different Aspects of Acculturation on Tests of Language, Memory, and Information Processing Tasks in Healthy Hispanic Adults

16. Hailey Ames
    Expanding the Pipeline to Graduate Research in Alzheimer’s Disease and Related Dementias Program: An Evaluation of the Inaugural Experience

17. Carlos Araujo
    Assessment of Measurement Invariance between Hispanic/Latino Spanish- and English-Test Takers in the NACC

18. Susana Araújo
    Can Literacy Act as a Refiner of Conceptual Representations?

19. Omar Assaly
    Interpretation of Effort and Cultural Variables in Neuropsychological Assessment

20. Ana Baena
    Associations Among Blood Biomarkers of Neuroinflammation and Neurodegeneration and Cognition in a Cohort of Oldest Old Individuals from Colombia.

21. Ana Baena
    Normative data for the cognitively unimpaired oldest-old from Colombia

22. Timothy Baer
    Differences in Digit Span Performance by Primary Language in Older Adults

23. Michelle Blumberg
    Objective Versus Subjective Cognition Differentially Predict Quality of Life Among Canadian Adults who are Homeless or Precariously Housed

24. Brooke Bosworth
    Semantic Intrusion Errors Overcome the Impact of Literacy and Educational Attainment
in Black/ African Americans with and without Mild Cognitive Impairment
25 David Bradford
Using Scientific Cafés to Increase Minoritized Community Members’ Willingness to Participate in Alzheimer Disease Research
26 Alicia Camuy
Time Perception and Identity in Bilingual Hispanics/Latinos
27 Michelle Chen
Risk and Resilience Factors for Cognitive Decline Among Older U.S. Chinese
28 Rebecca Easter
Racial Differences in the Relationships of Depression with Emotion Processing and Inhibitory Control in Korean-Born Immigrant Women and American-Born White Women
29 Katherine Edwards
Semantic Fluency in a Clinical Sample: Differences between American Indian/Alaska Native (AI/AN) and Non-AI/AN Individuals
30 Julius Flowers
Cross-cultural construct validation of the Stroop interference task in Black, Indigenous, People of Color, in a pediatric population
31 Luciana Fonseca
Sleep and Cognition in American Indians: Data from the Strong Heart Study
32 Sanne Franzen
An Evaluation of Cross-Cultural Adaptations of Social Cognition Testing
33 Dalia Garcia
Aging Effects on the MINT Sprint in Spanish-English Bilinguals
34 Shana Garza
Investigating the Effect of Brain Integrity on Cognitive Function Based on Sex/Gender and Race/Ethnicity in Middle-Age
35 William Goette
Overlooked Effects of Biases in Assessments: Implications of Pervasive Racial Bias on the CERAD List Learning Test
36 Elliott Gomez
Health Literacy Mediates the Association Between Cognition and Healthcare Provider Interactions Among Men who have Sex with Men
37 Alexa Gonzalez
Subjective Memory Concerns, Chronic Stress, and Social Support in an Ethnoracially Diverse Sample: A Cross-Sectional Study
38 Amber Graham
Profiles of Parent Ratings on the BASC-3 and BRIEF-2 in Deal/Hard of Hearing Children: Impact of Laterality of Hearing Loss and Opportunity Level Neighborhood Disadvantage, Cognition, and Exercise Adherence in Community-Dwelling Older Adults with Metabolic Syndrome
39 Jeremy Grant
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40 Zach Greth
Investigating the Role of Neuropsychology in the U.S. Naturalization Process: An Unexplored Opportunity in Multicultural Practice, Training, and Advocacy
41 Daya Grewal
Cognitive Decline in Older Women: Examining the Intersections of Employment Duration and Race and Ethnicity
42 Alexandra Groome
The Role of Culture in Neuropsychological Test Performance of Immigrants from the Former Soviet Union
43 veronica Gutierrez
Effects of Gender and Education on Neuropsychological Test Performance in Latino-Americans
44 Cecily Herby
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45 Andres Hernandez
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46 Alexsia Ishkhanian
The Role of Culture in Neuropsychological Test Performance of Immigrants
47 Gabriel Jäuregui
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48 Ellen Johnson
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49 Eleni Kapoulea
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50 Kseniya Katsman
Beyond Words: Cultural Identity Factors in Functional Mapping During Awake Craniotomies
51 Roy Kessels
The Development of a Short Form of the Indonesian Version of the Wechsler Adult Intelligence Scale – Fourth Edition (WAIS-IV-ID)
52 Christopher A. Krause
Exploring the Effects of Subjective Cognitive Concerns, Traumatic Brain Injury, and Social Support on Objective Cognitive Outcomes in an Ethnoracially Diverse Population
53 Manal Lamouine
The Relationship Between Musical Sophistication and Executive Functions: A Cross-Sectional Study on Moroccan Adults
54 Irene Liem
A Study Examining the Relationship of Psychomotor Functioning and Late Life Depression in a Community-Dwelling Elderly Chinese Immigrant Population in the Chicagoland Area
55 Kathleen Liming
Integration and Advocacy Roles of Psychologists in Inpatient Rehabilitation Centers
56 Daniel Lopez
A Study Examining the Relationship of Psychomotor Functioning and Late Life Depression in a Community-Dwelling Elderly Chinese Immigrant Population in the Chicagoland Area
57 Daniel Lopez
Examining the Dunning-Kruger Effect on Visual Puzzles Performance
58 Daniel Lopez
Exploring Stress, Anxiety, and Stroop Color Word Test Performance in a Mexican Population
59 Daniel Lopez
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60 Henli Lu
Examination of Measurement Invariance Across Race and Ethnicity in the Health and Retirement Study’s Harmonized Cognitive Assessment Protocol
61 Maria Marquie
Keystroke Data as Digital Markers of Risk for Alzheimer’s Disease and Related Dementias among Latinos: Preliminary Findings from the SALUD-Study
62 Jairo Martinez
Sex Differences in Subjective Cognitive Decline and Global Cognition in Older Latino Adults from the Boston Latino Aging Study
63 Madison Maynard
Race Moderates the Relationship Between Trails-B Scores and IADL Disability Among Black and White Americans: The Health and Retirement Study
64 Eric McDonathy
Verbalex Frequency Performance in Hispanic English and Spanish Speaking Older Adults
65 Halle McCracken
The Area Deprivation Index (ADI), Continuing to Re-Think Race Corrections in Neuropsychological Evaluations: Exploring the Relative Contribution of Race and Socioeconomic Disadvantage to Neuropsychological Test Performance among a Racially Diverse Sample
66 Zarui Melikyan
Development of a Culturally-Sensitive Questionnaire on Attitudes Toward Neuropsychological Assessment (ATNA): A Review of Existing Instruments
67 Veronica Milito
Pediatric Neuropsychology: The Current Standing on Training Opportunities for the Growing Demand for Board Certified Pediatric Neuropsychologists
68 Ida Mohepour
Does the Test of Premorbid Functioning (TOPF) Predict Premorbid Intelligence in a Bilingual Veteran Population as it does in a Monolingual Veteran Population?
69 Fernanda Morales-Calva
Investigating Differences in Memory Specificity Across Cultural Groups
70 Florentina Morello Garcia
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71 Isabel Munoz
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72 Caitlin O’Riordan
The Influence of Culture on Memory in Mandarin-English Bicultural Bilinguals
73 lauren olson
The Need for Multicultural Assessment and Competencies: A Case of Bosnian Adolescence and Historical Traumatic Brain Injury
74 Gabriela Ontiveros
Hold Measures as Correlates of US and Mexico Wechsler Intelligence Scale -IV Full-Scale IQ Among Bilinguals
75 Obi Owukworo
The Role of Discrimination in Sleep Disruption and ADRD Plasma Biomarkers among African/Ethnic Groups
76 Joshua Owens
Crime: A Proxy for Neighborhood Resources and its Moderating Effect on Physical Functioning in Predicting Cognitive Change in Mexican American Older Adulthood
77 Jordan Palms
External Perceived Control and Brain Health: Potential Implications for Structural Inequities and Dementia Disparities
78 Priya Patel
An exploration of the impact of Asian’s infant acculturative stress on cognition
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