

**The Intersection of Multiple Chronic Conditions (MCCs), Alzheimer's Disease and Alzheimer's Disease Related Dementias (AD/ADRD)**

*Supported by the National Institute on Aging (NIA), the American Geriatrics Society (AGS), the Advancing Geriatrics Infrastructure and Network Growth (AGING) Initiative and the Alzheimer's Diagnosis in older Adults with Chronic Conditions (ADACC) Network*

Bethesda North Marriott Hotel & Conference Center  
March 6-7, 2025

*The Conference attendees are required to adhere to the [AGS Code of Conduct](#) and [Participation Guideline](#). At AGS conferences, the views expressed by moderators, speakers, and attendees are their own and not subject to approval by AGS except in circumstances where a speaker has a conflict of interest as defined under the [AGS Resolution of Conflicts of Interest policy](#).*

**CONFERENCE AGENDA AND SPEAKERS**

**DAY 1: THURSDAY, March 6<sup>th</sup>**

**7:30am ET** **Breakfast**

**Opening Session**

8:00 – 8:05am ET Welcoming Remarks **Nancy E. Lundebjerg, MPA**  
8:05 – 8:15am ET *Patient Perspective video*  
8:15 - 8:30am ET Introduction of conference goals and format **Sanjay Asthana, MD; Michelle Mielke, PhD**  
8:30 - 8:50am ET Plenary: Comorbidity and ADRD: Innocent bystanders or accomplices? **Heather Whitson, MD**  
8:50 – 9:15am ET Plenary: The Science of Recruitment in Understudied Populations for Alzheimer's Research  
**Monica Parker, MD**  
9:15 – 9:35am ET Plenary: Current state of science on ADRD biomarkers **Michelle Mielke, PhD**  
**9:35 – 9:45am ET** **Break**

**Topic 1: Biological aging as a mechanistic link between brain and body**

**Moderator: George A. Kuchel, MD, CM, FRCP, AGSF, FAAAS**

**9:45am – 11:15am ET**

9:45 – 9:50am Topic and Speaker Introductions **George A. Kuchel, MD, CM, FRCP, AGSF, FAAAS**  
9:50 – 10:05am Biological Aging as a Bidirectional Mechanistic Link Between Brain and Body: Aging of the Immune System  
**George A. Kuchel, MD, CM, FRCP, AGSF, FAAAS**  
10:05–10:20am Cellular Metabolism and Geroscience **John Newman, MD, PhD**  
10:20–10:35am Dysregulation of genome **Juan Young, PhD**  
10:35–10:50am Pace of aging and timing of disease onset **Micah Savin, PhD**  
10:50–11:15am Moderated discussion on gaps and future directions **George A. Kuchel, MD, CM, FRCP, AGSF, FAAAS**

**11:15 – 11:30am ET** **Break**

**Topic 2: Untapped opportunities to improve ADRD outcomes by preventing or treating comorbidities**

**Moderator: Cynthia Carlsson, MD, MS**

**11:30am – 1:00pm ET**

11:30am – 11:35am Topic and Speaker Introductions **Cynthia Carlsson, MD, MS**  
11:35–11:50am Obstructive Sleep Apnea and other Sleep Disorders **Omonigho Michael Bubu, MD, MPH, PhD**  
11:50 – 12:05pm Chronic Kidney Disease **Kerry Sheets, MD, MS**  
12:05 – 12:20pm Vascular risk factors and biomarkers **Cynthia Carlsson, MD, MS**  
12:20 – 12:35pm Insulin resistance inflammation and immune function **Suzanne Craft, PhD**  
12:35 – 1:00pm Moderated discussion on gaps and future directions **Cynthia Carlsson, MD, MS**

**1:00pm – 1:45pm ET** **Lunch and Networking**

1:50pm – 2:15pm Patient Perspective: Sara L. Langer, MD

**Topic 3: Responsible care in the era of multiple chronic conditions and therapeutic revolutions in aging brain**

**Moderator: Nicole Fowler, PhD**

**2:15pm – 4:15pm ET**

- |                 |   |
|-----------------|---|
| 2:15pm – 2:20pm | Topic and Speaker Introductions <b>Nicole Fowler, PhD</b>   |
| 2:20pm – 2:35pm | Diagnostics and risk prediction <b>Suzanne E. Schindler, MD, PhD</b>  |
| 2:35pm – 2:50pm | Considerations of implementing lifestyle interventions in MCC and special populations <b>Laura Baker, PhD</b> |
| 2:50pm – 3:05pm | New generation AD and other treatments in the setting of MCCs <b>Mark Supiano, MD</b>                         |
| 3:05pm – 3:20pm | Improving access to diagnosis and treatment in communities and special populations <b>Desiree Byrd, PhD</b>   |
| 3:20pm – 3:35pm | Ethical issues raised by new tests and treatments <b>Jalayne Arias, JD, MA</b>                                |
| 3:50pm – 4:15pm | Moderated discussion on gaps and future directions <b>Nicole Fowler, PhD</b>                                  |

**4:15pm – 4:30pm ET Break**

**Small Group Breakout Sessions: 4:30pm – 5:30pm ET**

Each group will be carefully pre-selected and tasked with identifying priorities and agendas related to a specific topic that ‘cuts across’ multiple sessions. There will be a pair of moderators at each table, who are asked to prepare 3 slides – first 2 slides will summarize key discussion points and final slide will list up to 3 critical priorities for advancing the field. *Small Group assignments will be sent out in advance of the meeting.*

- **Human study designs needed to improve ADRD outcomes by treating MCCs Optimizing the use of existing data for secondary analyses**
- **Optimizing the use of existing data for secondary analyses**
- **Top priority questions related to geroscience and ADRD**
- **Estimating risk, benefit, and futility of AD tests and treatments of people with MCC**
- **Non pharmacologic approaches to improve brain health and MCC outcomes simultaneously through lifestyle and addressing social determinants**

**5:30pm – 6:00pm ET Break**

**6:00pm – 9:00pm ET Reception and Dinner**

**DAY 2: FRIDAY, March 7<sup>th</sup>**

8:00am – 9:00am ET **Breakfast and one-on-one Mentee/Mentor Meetings**

**Moving the Field Forward: Priorities, Agenda-setting, Wrap-up**

**Moderator: Sanjay Asthana, MD**

**9:00am – 12:00pm ET**

- |                          |  |
|--------------------------|--|
| 9:00am – 10:00am         | Small groups 1-3 provide 10-minute reports from the break-out groups with 10 minutes of discussion after each. |
| <b>10:00am – 10:15am</b> | <b>Break</b>   |
| 10:15 – 11:00am          | Small groups 4-5 provide 10-minute reports from the break-out groups with 10 minutes of discussion after each. |
| 11:00am – 11:30pm        | <b>Moderated Discussion – Brainstorming, Agenda-setting and Prioritizing</b>                                   |
| 11:30am – 12:00pm ET     | <b>Wrap-up, Final remarks, Evaluations</b><br><i>Conference End</i>  |

**12:00pm – 3:30pm ET Afternoon Session for Rising Stars and ADACC Members**

Time	Session	Participants
12:00 – 1:00pm	<b>Rising Stars Lunch &amp; Networking – Getting to Know NIA Staff</b> <b>Marcel E. Salive, MD, MPH</b> Division of Geriatrics and Clinical Gerontology National Institute on Aging  <b>ADACC Members Lunch – Takeaways Learned</b> <b>Jeff D. Williamson, MD, MHS</b> Wake Forest University	
1:00 – 2:00pm	<b>Hands-on Mentoring Workshop</b> <ul style="list-style-type: none"> <li>• Specific Aims page review workshop</li> <li>• Consultancy Challenge workgroup</li> </ul>	All
2:00 – 3:00pm	<b>ADACC Co-Pilot Awardees presentation and Opportunities</b> <ul style="list-style-type: none"> <li>• Brief overview of ADACC – <i>Michelle Mielke, PhD</i></li> <li>• Overview of Pilot Project Funding – <i>Nicole Fowler, PhD</i></li> <li>• Pilot Project Presentation – <i>Kerry Sheets, MD</i></li> <li>• Pilot Project Presentation – <i>Sophia Wang, MD</i></li> <li>• Overview of Data Coordinating Center – <i>Nicholas Pajewski, PhD</i></li> </ul>	All
3:00 – 3:30pm	<b>Evaluations, Action Item postcards, Adjourn</b>	All

**CONFERENCE PLANNING COMMITTEE**

<b>Sanjay Asthana, MD (Conference Co-Chair)</b> Wisconsin Alzheimer's Disease Research Center (ADRC) University of Wisconsin-Madison School of Medicine and Public Health
<b>Nicole R. Fowler, PhD</b> Indiana University School of Medicine
<b>Jerry H. Gurwitz, MD (PI, R13)</b> UMass Chan Medical School and UMass Memorial Medical Center
<b>Nancy E. Lundebjerg, MPA (PI, R13)</b> American Geriatrics Society
<b>Michelle Marie Mielke, PhD (Conference Co-Chair &amp; PI, U24)</b> Wake Forest University School of Medicine
<b>Ana R. Quiñones, PhD</b> Oregon Health & Science University
<b>Marcel Salive, MD, MPH (NIA Representative)</b> National Institute on Aging - NIH
<b>Heather E. Whitson, MD, MHS (Conference Co-Chair)</b> Duke University School of Medicine & Durham VA Geriatrics Research Education and Clinical Center

Funding for this conference was made possible, in part by 1U24AG082930-02 and 1R13AG089934-01 from the National Institute on Aging. The views expressed in written conference materials or publications and by speakers and moderators do not necessarily reflect the official policies of the Department of Health and Human Services; nor does mention by trade names, commercial practices, or organizations imply endorsement by the U.S. Government.