

To advance careers and accelerate the future of neuroscience, the Alzheimer's Association International Conference® (AAIC®) Neuroscience Next will feature presentations on basic science, information on funding, and networking opportunities with experts in the field — all free of charge.

To attend, register at alz.org/neurosciencenext and then add the following sessions to your calendar.

Sessions are listed in Central Standard Time (North America). Schedule is current at time of posting. Content is listed as submitted.

NOVEMBER 9

7:15-7:45 a.m.

Add to:



GOOGLE CALENDAR



APPLE/OUTLOOK CALENDAR

Lightning Presentation Rounds

Choose from three parallel sessions where students and early career investigators will deliver a three-minute-or-less presentation designed to give a snapshot of their work. Speakers will take part in a live Q&A, and attendees will vote on the best presentation.

Biofluid-Based Biomarkers

Hosted by the Biofluid-Based Biomarkers PIA

Henrik Zetterberg, University of Gothenburg (Chair); Charlotte Teunissen, Amsterdam UMC (Chair); Hanfeng Huang*, Emory University, Yale University; Gustavo Santos*, University of Sao Paulo; Dhamidhu Eratne*, Neuropsychiatry Royal Melbourne Hospital; Rachel Bernier*, University of California, San Diego

Protein Clearance

Jeffrey Illiff, University of Washington (Chair); Caitlin Latimer, University of Washington (Chair); Varun Jaiswal*, College of BioNano Technology, Gachon University; Louise Kelly*, University of Southampton; Sandro Da Mesquita*, Mayo Clinic; Suman Dutta*, University of California, Los Angeles

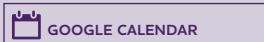
Neuroinflammation

Hosted by the Immunity and Neurodegeneration PIA

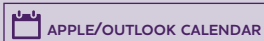
Elizabeth Bradshaw, Columbia University (Chair); Samuel Marsh, Boston Children's Hospital/Harvard Medical School (Chair); Paula Beltran Lobo*, Maurice Wohl Clinical Neuroscience Institute, King's College London; Lindsay Welikovitsh*, McGill University; Eduarda Medeiros*, University of Southern Santa Catarina (UNESC); Lisi Flores Aguilar, McGill University

8-8:30 a.m.

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APPLE/OUTLOOK CALENDAR

ISTAART Journal Club: Meet the Author

Melise Edwards leads a conversation with Danlei Bi on the paper "GABAergic dysfunction in excitatory and inhibitory (E/I) imbalance drives the pathogenesis of Alzheimer's disease," published in *Alzheimer's & Dementia®: The Journal of the Alzheimer's Association*.

Melise Edwards*, University of Massachusetts Amherst; Danlei Bi, University of Science and Technology of China

9-9:30 a.m.

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APPLE/OUTLOOK CALENDAR

Plenary Session Dementia Science: Now and Next

Why Dementia Science?
 The Scientific Challenge

Welcome from Alzheimer's Association leadership.


Plenary speakers Ozama Ismail and Selina Wray paint a picture of the past, present and future of dementia science, outlining the scientific challenges that continue to attract, intrigue and engross researchers worldwide.

Ozama Ismail*, Oregon Health and Science University; Selina Wray, University College London

9:45-10:30 a.m.

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 APPLE/OUTLOOK CALENDAR

Panel Discussion

Dementia Science:

Now and Next

Why Dementia Science?

The Personal Stories

Hosted by the PIA to Elevate Early Career Researchers

Adam Smith chairs a panel discussion on the impact of dementia for individuals living with the disease and their family and friends, as well as the importance of conducting and communicating dementia research.

Adam Smith, National Institute for Health Research (Chair); Jim Butler, former member of the Alzheimer's Association's Early-Stage Advisory Group; Lisa Butler, care partner; Karen Weede, former member of the Alzheimer's Association's Early-Stage Advisory Group; Jim Weede, care partner; Mahmoud Bukar Maina*, University of Sussex; Martina Bocchetta*, University College London; Jonathan Schott, University College London

11-11:30 a.m.

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Tau

Sarah DeVos, Denali Therapeutics (Chair); J. Nicholas Cochran, HudsonAlpha Institute for Biotechnology (Chair); Cara Croft*, University of Florida College of Medicine; Matthew Reid*, King's College London; Weijun Ou*, Keck Graduate Institute; Iain Hartnell*, University of Southampton

Astroglia

Shane Liddelow, NYU Langone (Chair); Elena Blanco-Suarez, Thomas Jefferson University (Chair); Thomas Vogels, Axon Neuroscience R&D Services SE; Xavier Taylor*, Stark Neurosciences Research Institute, Indiana University School of Medicine; Melania Gonzalez-Rodriguez*, Ciudad Real Medical School, University of Castilla-La Mancha; Terri-Leigh Stephen*, University of Southern California

Risk and Resilience

Hosted by the Reserve, Resilience and Protective Factors PIA

Prashanthi Vemuri, Mayo Clinic (Chair); Eider Arenaza-Urquijo, Barcelonabeta Brain Research Center (Chair); Peter Lin*, Stark Neurosciences Research Institute, Indiana University School of Medicine; Sarah Heuer*, Tufts University Graduate School of Biomedical Sciences; Yi-Ting Wang*, Translational Neuroimaging Laboratory, The McGill University Research Centre for Studies in Aging; Dallin Dressman*, Columbia University Irving Medical Center

11:45 a.m.-12:30 p.m.

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 APPLE/OUTLOOK CALENDAR

Emerging Concepts in Basic and Translational Science

Therapeutic Strategies in Neurodegenerative Diseases

Reisa Sperling, Maria Grazia Spillantini and Christian Haass share updates on therapeutic strategies targeting amyloid, tau and inflammation in neurodegenerative diseases.

Bruce Lamb, Indiana University (Chair), James Quinn*, Massachusetts General Hospital (Chair); Reisa Sperling, Harvard Medical School; Maria Grazia Spillantini, University of Cambridge; Christian Haass, Ludwig Maximilians Universitat

1-1:30 p.m.

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Alzheimer's Association Excellence in Neuroscience Mentoring Award and Keynote

The Alzheimer's Association Excellence in Neuroscience Mentoring Award recognizes individuals who have made significant contributions in the mentoring of dementia scientists.

*Indicates a student or early career investigator.

1:45-2:45 p.m.

Add to:



**Career Development Panel
Answers and Advice from
Graduate Students for
Undergraduate Students**

Hosted by SENDCon

A panel of graduate students offer their experience and advice to undergraduate students considering graduate study.

Jada Lewis, University of Florida (Chair); Lindsay Welikovitch*, McGill University (Chair); Wagner Brum*, Federal University of Rio Grande do Sul; Courtney Kloske*, University of Kentucky; Clare Latta*, University of Edinburgh; Grace Lloyd*, University of Florida; Roy McReynolds*, UCLA

1:45-2:45 p.m.

Add to:



**Career Development Panel
Answers and Advice from
Postdoctoral Researchers for
Graduate Students**

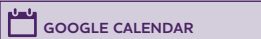
Hosted by the Alliance of Women Alzheimer's Researchers (AWARE)

A panel of postdoctoral researchers offer their experience and advice to graduate students considering postdoctoral research.

Ines Moreno-Gonzalez, Universidad de Málaga (Chair); Yuliya Voskobiynyk*, University of Alabama (Chair); Steven Boeynaems*, Stanford University; Kacie Deters*, Stanford University; Ryan Falck*, University of British Columbia; James Quinn*, Massachusetts General Hospital; Sruti Rayaprolu*, Emory University

1:45-2:45 p.m.

Add to:



**Career Development Panel
Answers and Advice from
NIA and NINDS Program
Officers and Directors**

A panel of NIA and NINDS program officers and directors present strategies for success and answer questions.

Michelle Jones-London, NINDS; Stephen Korn, NINDS; Yuan Luo, NIA; Mack Mackiewicz, NIA

NOVEMBER 10

7:15-7:45 a.m.

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**Lightning Presentation
Rounds**

Choose from three parallel sessions where students and early career investigators will deliver a three-minute-or-less presentation designed to give a snapshot of their work. Speakers will take part in a live Q&A, and attendees will vote on the best presentation.

Neuroimaging

Hosted by the Neuroimaging PIA

Betty Tijms, Amsterdam UMC (Chair); Bibek Gyanwali, National University of Singapore (Chair); Nicolai Franzmeier*, Institute for Stroke and Dementia Research, Klinikum der Universität München; Sharon Lam*, Albert Einstein College of Medicine; Cason Robbins*, Duke University School of Medicine; José Contador*, Fundació Clínica per a la Recerca Biomèdica, IDIBAPS, Universitat de Barcelona

Traumatic Brain Injury

Michael Alosco, Boston University (Chair); Jonathan Cherry*, Boston University (Chair); Abdalla Mohamed*, Queensland Brain Institute, University of Queensland; Tatyana Mollayeva, KITE Research Institute University Health Network, Multidisciplinary Centre for Health and Society University of Toronto; Bangyan Zhang*, Zilkha Neurogenetic Institute, Keck School of Medicine, University of Southern California; Ashley Bolte*, University of Virginia

Sleep

Hosted by the Sleep and Circadian Rhythms PIA

Claire André*, Hôpital du Sacré-Coeur de Montréal (Chair); Géraldine Rauchs, Université de Caen Normandie, Inserm U1077 (Chair); Mariane Vicente*, São Paulo State University (UNESP); Anu Gupta*, All India Institute of Medical Sciences; Caitlin Carroll*, Wake Forest School of Medicine; Cécile Tissot*, McGill University

8-8:30 a.m.

Add to:



**ISTAART Journal Club:
Meet the Author**

Caitlin Corona-Long leads a discussion with Valentina Perosa on the paper "Hippocampal vascular reserve associated with cognitive performance and hippocampal volume," published in *Brain*.

Caitlin Corona-Long*, Johns Hopkins University; Valentina Perosa, Otto-von-Guericke University

*Indicates a student or early career investigator.

9-9:30 a.m.

Add to:



Plenary Session

Dementia Science:

Now and Next

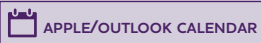
The Scientific Landscape for Cross-Disciplinary Research

NIA and NINDS share cross-disciplinary research to accelerate dementia science.

Richard Hodes, National Institute on Aging; Walter Koroschetz, National Institute of Neurological Disorders and Stroke

9:45-10:30 a.m.

Add to:



Panel Discussion

Dementia Science:

Now and Next

Cross-Disciplinary Funding Opportunities

A panel discussion of funding opportunities and strategies for cross-disciplinary research with a live Q&A.

Heather Snyder, Alzheimer's Association (Chair); Alycia Halladay, Autism Science Foundation; Leslie Hearn, American Heart Association; Jennifer Brummet, American Epilepsy Society; Andrew Murtishaw, Alzheimer's Association

11-11:30 a.m.

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Genetics

Hosted by the Alzheimer's Disease Genetics Global Symposium

Badri Vardarajan, Columbia University (Chair); Jeffrey Vance, University of Miami (Chair); Amy Dunn*, The Jackson Laboratory; Rachana Tank*, University of Glasgow; Carolyn Kaufman*, University of Kansas Medical Center; Adrienne Wang*, Western Washington University

Stroke and Vascular Factors

Hosted by the Vascular Cognitive Disorders PIA

Atticus Hainsworth, St George's, University of London (Chair); Whitney Wharton, Emory University (Chair); Erica Weekman*, University of Kentucky; Anusha Mishra*, Oregon Health & Science University; Zachary Winder*, University of Kentucky, Sanders Brown Center on Aging; Jade de Oliveira*, Universidade Federal do Rio Grande do Sul

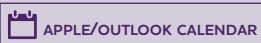
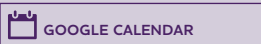
Animal Models of AD/ADRD

Hosted by MODEL AD

Adrian Oblak, Indiana University (Chair); Christoph Preuss*, The Jackson Laboratory (Chair); Yuhong Sun*, University of Manchester; Despoina Goniotaki*, King's College London, Institute of Psychiatry, Psychology & Neuroscience; Ravi Pandey*, The Jackson Laboratory for Genomic Medicine; Kaitlin McManus, McLean Hospital

11:45 a.m.-12:30 p.m.

Add to:



Emerging Concepts in Basic and Translational Science

Impacting Neurological Disorders through Precision Medicine

Maria Teresa Ferretti and Whitney Wharton share updates on how precision medicine may impact upon neurological disorders.

Roy McReynolds*, UCLA (Chair); Erik Roberson, University of Alabama at Birmingham (Chair); Maria Teresa Ferretti, Women's Brain Project; Renaud La Joie*, University of California, San Francisco; Whitney Wharton, Emory University

1-1:30 p.m.

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Alzheimer's Association Excellence in Neuroscience Mentoring Award and Keynote

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*Indicates a student or early career investigator.

1:45-2:45 p.m.

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 GOOGLE CALENDAR APPLE/OUTLOOK CALENDAR***Career Development Panel
Answers and Advice on
Academic Careers***

A panel of professionals engaged in academic careers offer their experience and advice to all considering a career in academia.

Donna Wilcock, University of Kentucky (Chair); Sydney Labuzan*, Mayo Clinic (Chair); Constanza Cortes*, University of Alabama; Dan Lee, University of Kentucky; Melissa Murray*, Mayo Clinic; Monica Rivera-Mindt, Fordham University; Eleanor Drummond*, University of Sydney

1:45-2:45 p.m.

Add to:

 GOOGLE CALENDAR APPLE/OUTLOOK CALENDAR***Career Development Panel
Answers and Advice on
Nonacademic Careers***

A panel of professionals engaged in nonacademic careers offer their experience and advice to all considering a career outside of academia.

Malu Tansey, University of Florida (Chair); Courtney Kloske*, University of Kentucky (Chair); Ron Demattos, Eli Lilly; Carl Hill, Alzheimer's Association; Kim Staats, Staats Life Sciences Consulting; Gabrielle Strobel, AlzForum; Stacie Weninger, FBRI

SAVE 50% ON AN ISTAART MEMBERSHIP AT AAIC NEUROSCIENCE NEXT

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