

2024- 2025
INSTITUTE ON AGING
ANNUAL REPORT

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### A MESSAGE FROM THE CO-DIRECTORS

It has been an extraordinary year for the Institute on Aging (IOA). Together with our colleagues across the University of Pennsylvania, we have advanced our mission to improve the health and well-being of older adults through groundbreaking research, innovative clinical programs, and meaningful collaborations.

We are especially proud of the momentum generated by our strategic plan for Alzheimer's disease and related dementias, which continues to guide our work. Over the past year, we have secured more than \$1.4 million in new philanthropic commitments, launched pioneering research initiatives, and recruited outstanding new faculty members whose expertise strengthens our scientific community. Notably, philanthropic donations have made it possible to accelerate precision medicine approaches, expand cuttingedge imaging and tissue processing, and foster the next generation of Alzheimer's therapeutics.

Our four divisions—spanning basic and clinical neurodegenerative research, geroscience and geriatrics, and epidemiology and policy—continue to drive discovery from the laboratory to the clinic and into the community. Our progress this year was marked by the steady growth of the IOA Members Program, the funding of new Alzheimer's Disease Therapeutics Accelerator projects, and the accomplishments of our scholars and trainees who will lead the next generation of discoveries.

The IOA also thrived as a hub for education and collaboration. We hosted a vibrant slate of events, including the Sylvan M. Cohen Annual Retreat, the Mary and Joseph A. Pignolo, Sr. Lectureship, and the Penn Neurodegenerative Disease Grand Rounds, which bring together researchers, clinicians, and trainees from across disciplines. Our communications efforts – from our digital and print resources to the new Age of Aging Podcast — are helping us share discoveries and stories with patients, families, and colleagues around the world.

As we reflect on these accomplishments, we are deeply grateful to our community of members, donors, and partners. Your commitment fuels our mission and accelerates progress toward a future where effective interventions can prevent, treat, and ultimately cure Alzheimer's disease and other aging-related conditions. We look forward with optimism to the coming year, inspired by the dedication of our colleagues and energized by the possibilities that lie ahead. Together, we are building a world where aging is met with science, compassion, and hope.

With gratitude,

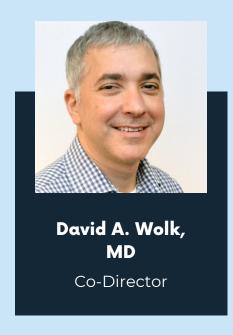
David A. Wolk. MD

(1) () a.Mm

Edward B. Lee, MD, PhD

# MEET OUR TEAM

# **LEADERSHIP**







# **STAFF**

# **Ebony Fenderson**

Financial Administrative Coordinator

#### Nicolette Calcavecchia

**Director of Communications** 

## Paige O'Malley

Penn Medicine Development

# **IOA ORGANIZATIONAL STRUCTURE**

### **IOA DIVISIONS**

In alignment with its mission to improve the health of older adults by increasing the quality and quantity of clinical and basic research as well as educational programs focusing on normal aging and agingrelated diseases across the entire Penn campus, the IOA focuses its efforts in four main areas known as "IOA Divisions."

#### Divisions & Division Leaders



#### Division of Basic Neurodegenerative Disease Research

This division focuses on basic. mechanistic research into the pathophysiology of neurodegenerative diseases including Alzheimer's disease and related dementias (frontotemporal degeneration, dementia with Lewy bodies), movement disorders, and motor neuron diseases. The key strengths and focus of this division have been in biochemistry, genetics, and pathology.

Division of Clinical and Translational



Neurodegenerative Disease Research

This division focuses on translational and clinical research on neurodegenerative diseases including Alzheimer's disease and related dementias (frontotemporal degeneration, dementia with Lewy bodies), movement disorders, and motor neuron diseases. The key strengths and focus of this division include biomarker development and validation (biofluid, neuroimaging, multimodal integration), studies on the structure and function of the aging brain (neuropsychology, clinical outcomes, neuroimaging), and the development of care models. This division encourages an emphasis on translating basic research into clinical trials and practice.



# A Padley Johnson, MD

#### Division of Geroscience, Gerontology, and Geriatrics

This division focuses on basic. translational, and clinical research on human aging including basic molecular alterations (telomere biology, epigenetics, metabolism) and clinical phenotypes (frailty, integrated care models, metabolism).



#### Division of Epidemiology, Social Science, and Policy

This division focuses on social, ethical, and legal scholarship in addition to population science and epidemiology as it relates to neurodegenerative diseases and aging. These include research on understudied populations (global, underrepresented), the social impact of aging-related diseases, ethical and health economics considerations in aging and neurodegenerative disease and their interface with policy and legal frameworks.



## **IOA MEMBERS PROGRAM**

The IOA Members program is open to all Penn faculty with research interests in aging and/or neurodegenerative disease.

#### **Benefits of IOA Membership:**

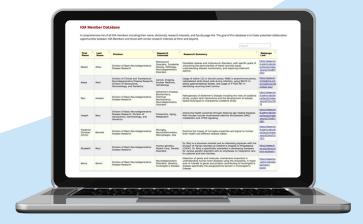
- Potential funding of IOA Post-doctoral fellows
- Potential funding of IOA PennPREP Scholar(s)
- Identification of potential invited speakers to present at the IOA Seminar Series
- Priority for scheduled meetings with IOA Seminar Series speakers
- Trainees eligible to present at IOA-sponsored trainee seminars
- Trainees eligible to attend IOA-sponsored career development activities
- · Participate in shaping the future of aging research at Penn
- Each IOA Member must identify with at least one of the four IOA Divisions.

# 114 IOA MEMBERS

FROM OVER 20 DIFFERENT SCHOOLS, CENTERS, DEPARTMENTS, & DIVISIONS AT PENN.

- Department of Neurology
- Penn School of Nursing
- Department of Pathology and Laboratory Medicine
- Department of Radiology
- Penn School of Arts and Sciences
- Department of Sleep Medicine
- Department of Chemistry
- Department of Psychiatry
- Department of Orthopaedic Surgery
- Department of Genetics
- Department of Systems
   Pharmacology and Translational Therapeutics

and more!



The IOA Member Research Database is a searchable database of expertise with the goal of fostering potential collaborative opportunities between IOA Members and those with similar research interests not only at Penn but at institutions nationwide.

# GRANTS, GIFTS, & FUNDRAISING

# **IOA FUNDING**

In FY25, the IOA received generous philanthropic support, with total commitments exceeding \$1.4 million.

## Support from the Shanahan Family Foundation

A \$1 million gift from the Shanahan Family Foundation (to be paid over two years) will support two crucial projects:

#### • Project 1: Anti-amyloid Therapy Monitoring Protocol

Continuing support from the Shanahan Family Foundation has been instrumental in advancing Penn's efforts to develop precision-based approaches to Alzheimer's disease treatment, particularly in the context of emerging anti-amyloid therapies. Their generous gift enabled the creation of critical infrastructure for molecular profiling and the launch of innovative protocols that integrate clinical care with cutting-edge biomarker collection and imaging. This foundational work is not only enhancing our understanding of individual treatment responses but is also positioning Penn as a leader in the next generation of Alzheimer's therapeutics.

#### Project 2: Advancing and Expediting Brain Tissue Processing

Building on prior support from the Shanahan Family Foundation, this project will leverage cutting-edge cryoelectron microscopy and advanced tissue processing techniques to generate ultra-high-resolution, three-dimensional images of Alzheimer's disease brain tissue. By avoiding traditional methods that distort tissue structure, researchers at Penn will achieve unprecedented nanoscale views of neuropathologic inclusions, offering new insights into the structural underpinnings of neurodegeneration. Continued funding will support the personnel, technology, and computational infrastructure needed to carry out and manage this highly data-intensive research.

## IOA FUNDING Cont'd.

## Additional Philanthropic Support

- A \$250,000 gift (to be paid over five years) from a private family foundation will support the facilities, personnel, equipment, and reagents necessary for advanced post-mortem brain tissue research. This fund will serve as a critical infrastructure resource for Alzheimer's disease and related disorders (ADRD) research at Penn, enabling collaborative investigations across multiple labs using techniques ranging from whole-brain imaging to nanoscale molecular analysis. Importantly, it will also allow researchers to study brain tissue from individuals treated with newly approved therapies, helping to uncover how these interventions impact disease pathology and guiding future efforts toward personalized, preventive treatment approaches.
- A \$500,000 gift (to be paid over four years) from another foundation will support projects on Monitoring Neuroinflammatory and Neurodegenerative Treatment Response to Antiamyloid Therapy.



## **IOA-FUNDED PROGRAMS**

### **IOA Research Scholar Program**

The IOA Research Scholar Program provides support to two scholars (early career investigators) per year with the John Q. Trojanowski Research Scholar Award and the Joseph A. Brennan Research Scholar Award.

2024



Silvia Porta Antolinez, PhD John Q. Trojanowski Research Scholar



Emma Rhodes, PhD Jospeh Brennan Research Scholar

#### IOA-funded PennPREP Scholar

Each year, the IOA supports a student for the University of Pennsylvania Post-Baccalaureate Research Education Program (PennPREP). The program provides a full time research experience in a biomedical science discipline, along with preparation for applying to and succeeding in graduate school.

2024



#### **Gabriel Elias**

During his time as a PennPREP Scholar, Gabriel is working in the neuroscience lab of David J. Irwin, MD. His work focuses on incorporating histopathology of human brain tissue to understand brain-behavior correlations to neurodegenerative disease diagnosis with a particular emphasis on Primary Progressive Aphasia (PPA).

"Through PennPREP, I hope to develop molecular techniques in researching neurodegenerative diseases and enhance my scientific writing to become a strong candidate for a PhD," said Gabriel.

### **IOA-FUNDED RESEARCH**

### Alzheimer's Disease Therapeutics Accelerator Projects

This year, the IOA has funded two more Alzheimer's Disease Therapeutics Accelerator Projects. These awards, funded by a research grant obtained by the Co-Directors of the IOA from the Delaware Community Foundation, support projects that focus on AD therapeutics including projects that address comorbid pathologies in the setting of Alzheimer's disease.

Inhibition of HMGB2-mediated CNS cell death as a novel approach to the treatment of Alzheimer's disease.

Principal Investigators: Ian A. Blair, George Kannarkat, David J. Irwin, Katheryn A.Q. Cousins

"Using cell models, we propose to lay the foundation for a novel treatment of AD via inhibition of ferroptosis and calreticulin (CRT) translocation by the nuclear exportin 1 (XPO1) inhibitor selinexor, and other inhibitors of high mobility group box 2 (HMGB2) activity."

A Precision Disaggregase Gene Therapy for Alzheimer's Disease with TDP-43 and Tau Pathology

Principal Investigator: James Shorter, MA, PhD

"The overarching goal of this study is to develop a conditional gene therapy that selectively targets and reverses TDP-43 and tau aggregation in Alzheimer's disease (AD) using a synthetic system that senses TDP-43 loss of function and drives expression of potent protein disaggregases—engineered Hsp104 or cytoplasm-localized PARLSkd3—only in neurons experiencing TDP-43 proteinopathy."



# **FUNDRAISING**

# Penn Medicine's 13th Annual 5K for the IOA & Memory Mile Walk

# \$43k +

was raised for Alzheimer's and aging-related research and care at Penn's Institute on Aging at this year's Penn Medicine 5K for the IOA & Memory Mile Walk



# STRATEGIC PLAN 2023-2028

# IOA STRATEGIC PLAN FOR ALZHEIMER'S DISEASE AND RELATED DEMENTIAS (ADRD)



#### **VISION:**

A world with effective interventions to ameliorate, prevent, and cure Alzheimer's disease and related dementias.

#### MISSION:

To improve the quality and quantity of ADRD research, the IOA Strategic Plan for Alzheimer's disease and related dementias (ADRD) will use multidisciplinary approaches to strive for groundbreaking discoveries to advance the field.

#### **PURPOSE:**

Improve the lives of both patients and their loved ones through scientific advances in Alzheimer's disease and related dementias.



### IOA Strategic Plan for ADRD • Progress so far...

#### Strategic Priority 1: Scale Investments to Grow Capacity

#### Progress:

- Secured funding for Alzheimer's Disease Therapeutics Accelerator Projects, funded by the Delaware Community Foundation's Paul H. Boerger Fund and the Shanahan Family Foundation Alzheimer's Research Fund
- Supported submission of Synuclein P01 application (PI: Alice Chen-Plotkin) resubmission which has since been funded
- Secured philanthropic gifts exceeding \$1.4 million

#### Strategic Priority 2: Deepen the Bench of World-Class Talent

#### Progress:

- Recruited Michael Seamus Haney, PhD from Stanford who joined the faculty January 1, 2024
- Recruited George Kannarkat, MD, PhD who joined the faculty July 1, 2024
- Added two instructors in Cognitive Neurology
- Recruited Michael Guo, MD, PhD who joined the faculty October 2024

#### Strategic Priority 3: Leverage Unique Strengths Toward Competitive Advantage

#### Progress:

- Anti-Amyloid Therapy Monitoring Study (ATM)
  - The goal of this study is to learn who is most likely to benefit and/or have side effects from antiamyloid treatment. It will:
    - Advance a precision medicine approach to enhance efficacy
    - Investigate more about the mechanisms of ARIA
    - Enroll all patients undergoing lecanemab evaluation and therapy
    - Include additional advanced MRI sequences with clinical MRI scans
    - Bank CSF, blood, and plasma for AD biomarkers, CSF asyn RT-QuIC, inflammatory measures, genetic testing
    - Include digital cognitive testing
- Integration of biomarkers into clinical practice
- Penn Medicine system pathways for anti-amyloid therapy





## IOA Strategic Plan for ADRD • Progress so far...

# Strategic Priority 4: Communicate Multi-disciplinary Advances and Impact to Stakeholders

#### Progress:

- Neurodegenerative Disease Grand Rounds, a collaboration between the IOA,
   Penn ADRC, Penn Memory Center, and Penn FTD Center, launched in October 2024
  - Grand Rounds is attended by ~50 attendees (including faculty, staff and trainees at all levels) at the presentations which take place every other week
- Communications Collaborative across IOA, Penn ADRC, Penn Memory Center, Penn FTD Center and other neurodegenerative disease and aging centers at Penn meets bi-weekly
- Implementation of educational efforts around anti-amyloid therapies

# Strategic Priority 5: Increase Infrastructure to Meet Scaled Demand and Optimize Collaboration

#### Progress:

 Renovations completed at the Ralston House which serves as office and clinical space for faculty and staff of Penn's Institute on Aging, Penn Memory Center, Alzheimer's Disease Research Center, and the departments of Psychiatry and Geriatrics, and more.

# Strategic Priority 6: Promote a culture of translation from discovery to clinical implementation

#### Progress:

- Anti-amyloid Therapy Monitoring Study
- Leveraging of Penn Medicine Biobank





# **EVENTS**

## **IOA ANNUAL EVENTS**

Sylvan M. Cohen Annual Retreat & Poster Session • March 11, 2025

#### **Environmental Impacts on Neurodegeneration**

Co-sponsored by the Penn Center for Excellence in Environmental Toxicology (CEET)

# KEYNOTE SPEAKERS



**Eva-Maria Collins, PhD**Associate Professor in
Biology, Swarthmore
College



**Gary Miller, PhD**Professor of Environmental
Health Sciences, Columbia
University

#### **Penn Presenters:**

- · Aimin Chen, MD, PhD
- Corey McMillan, PhD
- Edward B. Lee, MD, PhD
- Holly Elser, MD, PhD, MPH
- Andrea Schneider, MD, PhD
- · Yeong Shin Yim, PhD
- Victoria Johnson, MBCHB, PhD
- Sigrid Veasey, MD



## IOA ANNUAL EVENTS Cont'd.

Mary and Joseph A. Pignolo, Sr. Award and Lectureship in Aging Research • April 22, 2025

"Longevity factor Klotho, Aging, and Neurodegenerative Disease"

# KEYNOTE SPEAKER



**Dena Dubal, MD, PhD**Professor of Neurology, UCSF Weill Institute for Neurosciences

## Vincent J. Cristofalo Annual Lectureship • October 21, 2025

More details coming soon!

# KEYNOTE SPEAKER



**Amy Kind, MD, PhD**Professor of Geriatrics and Gerontology, University of Wisconsin School of Medicine and Public Health

## IOA ANNUAL EVENTS Cont'd.

# Penn Neurodegenerative Disease Grand Rounds and IOA Visiting Scholars Series

The Penn Neurodegenerative Disease Grand Rounds is a collaborative effort between the Alzheimer's Disease Research Center, Penn Memory Center, Penn FTD Center, and Penn Institute on Aging. Lectures are held every other Tuesday at noon unless otherwise noted. External speakers are co-sponsored by the IOA's Visiting Scholars Series.

#### **Visiting Scholars**



**Yaakov Stern, PhD**"Studying Cognitive Reserve"
October 8. 2024



Jessica Langbaum, PhD
"Primary and Secondary Prevention of
Alzheimer's Disease: Latest updates from
the field"
January 28, 2025



Philip Wong, PhD "Vulnerability of TDP-43 deficient neurons to caspase 3 in an MED mouse model contributes to exacerbated tauopathy" February 11, 2025

#### **Grand Rounds Lecturers**

- Eddie Lee, MD, PhD
- Daniel Ohm, PhD
- Joseph Baur, PhD
- Silvia Porta, PhD
- Norma Coe, PhD
- Mingyao Li, PhD
- Jessica Morgan, PhD
- Alessandra Chesi, PhD
- Adam Naj, PhD
- Wan-Ping Lee, PhD
- Katheryn Cousins, PhD
- Geroge Kannarkat, MD, PhD
- Nancy Hodgson, PhD, RN, FAAN
- Amita Sehgal, PhD

For the most up-to-date listing of our upcoming Grand Rounds lectures, visit: www.med.upenn.edu/adrc

All other IOA events are posted at www.med.upenn.edu/aging/events.html

# **Special Events**



"Neuroimmune Dysfunction in FTD-ALS spectrum disease"
A joint symposium hosted by the Center for
Neurodegenerative Disease Research (CNDR) and Institute

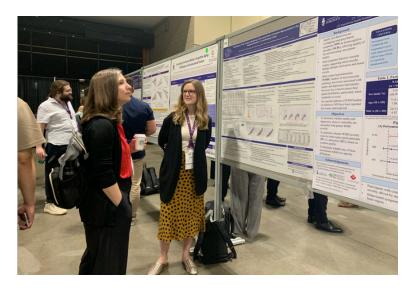
on Aging

October 11, 2024

**Keynote Speaker: Eric Huang, MD, PhD**Department of Pathology, University of California San Francisco

#### Penn at AAIC 2025

Many researchers and clinicians from Penn participated in the 2025 Alzheimer's Association International Conference (AAIC). Work from **over 40 IOA Members** and affiliates was presented as either oral presentations or posters this year.



Pictured above: Dawn Mechanic-Hamilton, PhD, ABPP-CN and Emma Rhodes, PhD, MA at AAIC 2025. Photo credit: Nadia Dehghani

# IOA FACULTY RECRUITS

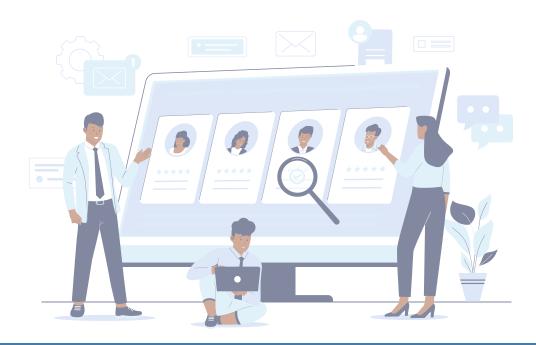


#### Michael Guo, MD, PhD

Michael Guo joined the faculty and started his independent research lab in the Departments of Neurology and Genetics in October 2024. His lab studies the genetics of Alzheimer's disease. He is performing large scale genetic studies in thousands of individuals to identify genes that are associated with Alzheimer's disease. He is using these findings to better understand the causes of Alzheimer's, as well as to develop better tools to predict disease risk and rates of disease progression. He is also performing studies to understand how some genes may continue to mutate in the brains of individuals with Alzheimer's disease and how these mutations contribute to disease progression. His lab is generously supported by the Institute of Aging, National Institutes of Health, and Alzheimer's Association. He also devotes time to seeing patients as a cognitive neurologist in the Penn Memory Center.

#### **Other Recent Faculty Recruits**

- Michael Seamus Haney, PhD January 2024.
- George Kannarkat, MD, PhD July 2024.



# DIGITAL COMMUNICATIONS



659



2,061



1,440

Facebook Followers Twitter Followers YouTube Subscribers

22 new blogs posted from 2024-2025



913+

**E-Newsletter Subscribers** 



~30%

average open rate

IOA E-Newsletters are sent monthly. Subscribers also receive upcoming event emails as well as any other IOA or neurodegenerative disease and/or aging-related news at Penn.

\*\* All numbers represent total lifetime stats, unless otherwise noted, as of August 2025

# DIGITAL COMMUNICATIONS

# The Age of Aging Podcast

The Age of Aging podcast is a collaborative effort supported by the Penn Memory Center, Penn FTD Center, Penn Institute on Aging, and Penn Alzheimer's Disease Research Center. Episodes explore topics related to living well with an aging brain.

All three seasons of the Age of Aging podcast are available to stream on all major platforms including Spotify, YouTube, and Apple Podcasts.



# PRINT COMMUNICATIONS

The IOA produces a bi-annual print newsletter featuring significant research highlights, news, and publications from the IOA and its members or collaborators.

Hard copies are made available at IOA events and digital copies are available online.









The Spring/Summer 2025 Newsletter is pictured above and can be downloaded on the IOA website.

# AWARDS & ACCOLADES

# We proudly celebrate all of our IOA Members on their recent achievements and honors

#### Edward B. Lee, MD, PhD, Named President of the American Association of Neuropathologists

Edward (Eddie) B. Lee, MD, PhD, Professor of Pathology & Laboratory Medicine at the University of Pennsylvania and Co-Director of the IOA, has been named President of the American Association of Neuropathologists for 2024–2025. In this role, Dr. Lee will help guide the association's efforts to advance research, education, and collaboration in the field of neuropathology.

## David Wolk, MD, to Serve on ADRC Executive Committee

Dr. Wolk will serve a three-year term on the ADRC Executive Committee, as well as a three-year term on the National Alzheimer's Coordinating Center Steering Committee, ending Fall 2027.

# Virginia M.Y. Lee, PhD, Elected to National Academy of Sciences

Virginia M.Y. Lee, PhD, Director of Penn's Center for Neurodegenerative Disease Research (CNDR), has been elected to the National Academy of Sciences, one of the highest honors in science. She is recognized for her groundbreaking research in neurodegenerative diseases.

# Jina Ko, PhD receives the 2025 National Science Foundation (NSF) CAREER Award

Jina Ko, PhD a professor of bioengineering in Penn Engineering and of pathology and laboratory medicine in the Perelman School of Medicine, was awarded the 2025 National Science Foundation (NSF) CAREER Award for her expertise across bioengineering, molecular biology, and chemistry in developing transformative technologies for molecular diagnostics of diseases, especially with respect to how brain-related conditions are diagnosed and treated.

#### John Detre, MD, Receives International Society for Magnetic Resonance Medicine's Gold Medal Award

John Detre, MD, Professor of Neurology and Radiology at the Perelman School of Medicine, has received the 2025 Gold Medal Award from the International Society for Magnetic Resonance Medicine. According to the ISMRM, this award recognizes Dr. Detre's "pioneering and enduring contributions to the development of arterial spin labeled (ASL) perfusion MRI and its applications in basic and clinical neuroscience."

# J. Margo Brooks Carthon, PhD, RN, FAAN, receives the 18<sup>th</sup> Claire M. Fagin Distinguished Researcher Award

This award honors outstanding individuals who have made a profound impact in advancing the nursing profession and improving healthcare practices through research and leadership.

# Catherine Auriemma, MD, MSHP receives Donald B. Martin Teaching Award

Catherine Auriemma, MD, MSHP, Assistant Professor if Pulmonary and Critical Cre Medicine at the Hospital of the University of Pennsylvania, received Penn Medicine's 2025 Donald B. Martin Teaching Award. The Donald B. Martin Teaching Award is one of the highest teaching achievements in graduate medical education at the University of Pennsylvania. Selected based on resident votes and overall teaching evaluations, the award reflects dedication, passion, and commitment to teaching. Additionally, Dr. Auriemma was named a Visiting Professor in the Division of Pulmonary and Critical Care at Brigham and Women's Hospital and received funding for a new grant, Refining and testing a values clarification tool for persons with dementia, from the Penn Alzheimer's Disease Research Center Developmental Projects.

# AWARDS & ACCOLADES CONT'D.

#### Lisa M. Walke, MD, MSHA, AGSF receives the Geriatrics Workforce Enhancement Program (GWEP) award

Dr. Walke received the GWEP award in July 2024. This award is a federal grant program administered by the Health Resources and Services Administration (HRSA) to enhance the healthcare workforce's ability to care for older adults. Additionally, Dr. Walke was promoted to William Maul Measey–Truman G. Schnabel, Jr., MD Professor of Geriatric Medicine and Gerontology at the University of Pennsylvania.

#### David Irwin, MD, elected as Chair-elect for the Scientific Advisory Council of the Lewy Body Dementia Association and to Board of Directors for the International Society for Frontotemporal Dementias

David Irwin, MD, Associate Professor of Neurology, was elected as the Chair-elect for the Scientific Advisory Council of the Lewy Body Dementia Association (LBDA SAC). The LBDA SAC members are internationally recognized leaders in LBD research and clinical management. Additionally, Dr. Irwin was elected to the board of directors for the International Society for Frontotemporal Dementias as the Chair-elect for Program & Site, Selection Committee. He was also the Scientific lead/co-Chair at the the FTD subcommittee in the 2025 Alzheimer's Disease-Related Dementias (ADRD) Summit. Dr. Irwin has also received funding for a new R01: Glial-mediated Inflammation and Iron Accumulation in Frontotemporal Dementia R01-AG-090414.

# Yanxiang Deng, PhD, receives Rising Star Award at 2025 Biomedical Engineering Society (BMES) Cellular and Molecular Bioengineering (CMBE) Conference

Yanxiang Deng, PhD, Assistant Professor of Pathology and Laboratory Medicine, received a Rising Star Award at this year's CMBE Conference. This award recognizes a Cellular and Molecular Bioengineering Special Interest Group (CMBE-SIG) member in the early independent career stage that has made an outstanding impact on the field of cellular and molecular bioengineering.

#### Christos Davatzikos, PhD receives Senior Scientist de Leon Prize in Neuroimaging at the Alzheimer's Association International Conference (AAIC) 2025

Dr. Davatzikos received the Senior Scientist de Leon Award at this year's AAIC for his 2024 paper "Brain aging patterns in a large and diverse cohort of 49,482 individuals" published in Nature Medicine. The de Leon Prizes in Neuroimaging have recognized scientists judged to have published "best papers" in the field of neuroimaging of neurodegenerative processes. Additionally, Dr. DAvatziko's received the Annual Nathan W. Shock Award Lecture from the National Institute on Aging.

This list represents a selection of recent achievements shared with us by IOA members over the past few months and is not a comprehensive account of all member accomplishments.

# **WAYS TO GET INVOLVED**

#### **BECOME AN IOA MEMBER**

Penn faculty are invited to join the 100+ IOA Members and gain access to exclusive member benefits including funding notifications, priority scheduling, and collaborative opportunities.

Learn more on page 6 and visit our website to join.

### **DONATE**

By making a gift to support the Institute on Aging, you are helping to make a difference in advancing the research, education, and care for aging and aging-related diseases such as Alzheimer's, Parkinson's, and more.

For giving opportunities, visit our website or contact **Paige O'Malley** at 215-746-4432 or pomalley@upenn.edu

# **WAYS TO CONNECT**

# **CONTACT**

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