The Technology and Dementia Professional Interest Area (PIA) of the International Society to Advance Alzheimer's Research and Treatment (ISTAART) presents a preconference to AAIC to convene researchers and members of the industry interested in technology research and development, including mobile technology, home-based technology and social networking. Sessions explore various types of technologies as tools to support innovative study design in research and as interventions for persons living with dementia and their care partners. The program consists of invited speakers, as well as oral and poster presentations from submitted abstracts.

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About ISTAART

The Alzheimer's Association International Society to Advance Alzheimer's Research and Treatment (ISTAART) is a diverse global network of more than 10,000 researchers, clinicians and dementia professionals in over 120 countries.

ISTAART gives you the tools to advance your career with exclusive benefits, including access to 30 unique PIAs, year-round networking and continuing education opportunities. With members-only extended abstract submission deadlines and registration discounts for scientific meetings including AAIC, ISTAART provides a forum to promote your work and learn the latest updates.

During AAIC only, save 10%* on your ISTAART membership — visit the Alzheimer's Association booth in the Exhibit Hall. Membership is always free for students. *New members only.*

Learn more at **alz.org/ISTAART**.

Moving Forward: Evolving Technologies In Dementia Science

8-9 a.m. **Light Breakfast And Poster Viewing** (Franklin Hall A)

9-9:10 a.m. **Welcome And Opening Remarks**
Speaker: **Allison Lindauer**, Ph.D., APRN, Oregon Health & Science University, USA

9:10-9:55 a.m. **Session 1: Setting The Foundation For Technological Evolution In Dementia Care**
Moderator: **Allison Lindauer**, Ph.D., APRN, Oregon Health & Science University, USA
Speaker: **Jeffrey Kaye**, M.D., Oregon Health & Science University, USA

9:55-10:20 a.m. **Break And Poster Viewing** (Franklin Hall A)

10:20-11:40 a.m. **Session 2: Empowering Innovation In AI/Tech And Aging**
Moderator: **Quincy Samus**, Ph.D., Johns Hopkins University, USA

Introduction To The Artificial Intelligence And Technology Collaboratories (AITC) For Aging Research Program
Speaker: **George Demiris**, Ph.D., University Of Pennsylvania, USA

Pilot Project Showcase
Moderator: **Sudeshna Das**, Ph.D., Harvard University, USA
Speakers: **Archna Bhatia**, Ph.D., Institute For Human & Machine Cognition, USA
Ula Hwang, M.D., MPH, New York University, USA
Jennifer Myers, Ph.D., Musical Health Technologies, USA
Li Shen, Ph.D., University Of Pennsylvania, USA
Andrew Taylor, M.D., MHS, Yale University, USA
Gary Weissman, M.D., MSHP, University Of Pennsylvania, USA
Randall Williams, M.D., WellSaid.ai, USA

11:40 a.m.-12:20 p.m. **Data Blitz Presentations**
Moderator: **Ian Cleland**, Ph.D., Ulster University, United Kingdom
Presenters: **Pullumpallil Alexander**, **Marcela Cespedes**, **Roos Jutten**, **Cindy J. Nowinksi**, **Laura Rueda-Delgado**, **Saket Saxena**, **Zhang Zhang**

12:20-1 p.m. **Lunch And Poster Viewing** (Franklin Hall A)

1-1:30 p.m. **Poster Viewing Session: Question And Answer With Authors** (Franklin Hall A)

1:30-2:40 p.m. **Session 3: Large Language Models In Dementia Care And Research**
Moderator: **Anuj Guruvacharya**, Ph.D., Nanil Health LLC, USA
Speakers: **Hualou Liang**, Ph.D., Drexel University, USA
Julie Robillard, Ph.D., University Of British Columbia, Canada

2:40-3 p.m. **Break And Poster Viewing** (Franklin Hall A)

3-4 p.m.	**Session 4: Technology For Dementia Caregivers: Recent Trends And Recommendations**
	Moderator: **Aimee Mooney**, M.Sc., Oregon Health & Science University, USA
	Speakers: **Erica Dove**, M.Sc., Ph.D. Candidate, Rehabilitation Sciences Institute, University Of Toronto, Canada
	Alyssa Weakly, Ph.D., University Of California, Davis, USA

4-4:45 p.m.	**Session 5: Looking Forward: Evolving Technologies Panel**
	Moderator: **Kexin Yu**, Ph.D., Oregon Health & Science University, USA
	Speakers: **Erica Dove**, M.Sc., Ph.D. Candidate, Rehabilitation Sciences Institute, University Of Toronto, Canada
	Temitope Farombi, MBBS, M.Sc., University College Hospital, Nigeria
	Mireya García-Vázquez, Ph.D., Researcher, Instituto Politécnico Nacional, Mexico
	Riona McArdle, Ph.D., Newcastle University, United Kingdom

4:45-5 p.m.	**Preconference Evaluation And Poster Awards**
	Speaker: **Allison Lindauer**, Ph.D., APRN, Oregon Health & Science University, USA

5:15-7:15 p.m.	**Networking Reception** (Franklin Hall B)
	Joint Event With Alzheimer's Imaging Consortium Preconference

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Join the Alzheimer's Association® at these upcoming dementia research events.

AAIC Advancements: Modernizing Diagnosis   Sept. 18-19, 2024

Tokyo, Japan, and Online

AAIC Advancements: Exploring Equity In Diagnosis   Nov. 18-19, 2024

Chicago, USA, and Online

AAIC Advancements: APOE And Lipid Biology   March 17-18, 2025

Miami, USA, and Online

AAIC Satellite Symposium   May 14-15, 2025

Lima, Peru, and Online

AAIC 2025   July 27-31, 2025

Toronto, Canada, and Online

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The Alzheimer's Association International Society to Advance Alzheimer's Research and Treatment (ISTAART) is a diverse global network of scientists, clinicians and dementia professionals. Members of this professional organization share common goals: the pursuit of knowledge, collaboration and breakthroughs to advance the research and treatment of Alzheimer's disease and other dementias.

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