Artificial Intelligence Applications for Older Adults and People with Disabilities: Balancing Safety and Autonomy

FORUM ON AGING, DISABILITY, AND INDEPENDENCE

Public Workshop

Keck Center of the Academies
500 Fifth Street, NW, Room 100
Washington, DC 20001

October 24, 2018

AGENDA

9:00 a.m. – 9:15 a.m.  Welcome and Opening Remarks
REBECCA STOECKLE, EDUCATION DEVELOPMENT CENTER
WORKSHOP PLANNING COMMITTEE CHAIR

9:15 a.m. – 10:00 a.m.  Keynote Panel – What is Artificial Intelligence?
Gregory D. Hager
Director, Malone Center for Engineering in Healthcare
Mandell Bellmore Professor, Department of Computer Science
Johns Hopkins University

Keynote Q&A with Audience

10:00 a.m. – 10:30 a.m.  Consumer Panel (“What do people want?”)
MODERATOR: MAJD ALWAN, LEADINGAGE

Speakers:
• Brian Bard, Administration for Community Living

10:30 a.m. – 10:45 a.m.  Break

10:45 a.m. – 12:00 p.m.  Panel 1: Creating Smart Communities
MODERATOR: CATHY BODINE, UNIVERSITY OF COLORADO

Key topic areas:
• Housing (sensors, assistants, etc.)
• Transportation (public transportation, etc.)
• Interfaces with AI (natural language processing, physical design, etc.)
Speakers:
- Victor Calise, New York City Mayor’s Office for People with Disabilities
- Henry Claypool, Independent Consultant
- Jon Sanford, Georgia Tech, School of Industrial Design
- Gwo-Wei Torng, U.S. Department of Transportation

Q&A with Audience

12:00 p.m. – 12:50 p.m. Lunch

12:50 p.m. – 2:05 p.m. Panel 2: Promoting Health and Well-Being and Providing Care

MODERATOR: ROBERT JARRIN, QUALCOMM, INC.

Key topic areas:
- Health Care Workforce Impact
- Improving Data and Care Coordination
- Effective Communication
- Empowering Individuals/Caregivers
- Reducing Social Isolation/Loneliness
- Impact on functional and cognitive decline

Speakers:
- Jesse M. Ehrenfeld, American Medical Association
- Amanda Lazar, University of Maryland
- Robyn Stone, LeadingAge

Q&A with Audience

2:05 p.m. – 2:15 p.m. Break

2:15 p.m. – 3:30 p.m. Panel 3: Assuring Peace of Mind

MODERATOR: CHRISTINA FITZPATRICK, AARP

Key topic areas:
- Ethics and privacy
- Preventing harm
- The potential to perpetuate (or reduce) bias
- Regulation

Speakers:
- George Demiris, University of Pennsylvania College of Nursing
- Melissa Goldstein, George Washington University
- Gloria Ramsey, Johns Hopkins University
- Ruoyi Zhou, IBM

Q&A with Audience
3:30 p.m. – 3:40 p.m.  Break

3:40 p.m. – 4:45 p.m.  Moving Towards User-Centered Design

MODERATOR: STEPHEN EWELL, CONSUMER TECHNOLOGY ASSOCIATION FOUNDATION

Key topic areas:
- How is the voice of the consumer heard? (Co-Design)
- Where does research need to happen?
- What unusual partnerships need to be formed?

Speakers:
- Gina Miller, SeniorPortal
- Gary Schultz, SDI Technologies, Inc. – iHome
- Jutta Treviranus, Inclusive Design Research Centre, OCAD University
- Thuc Vu, OhmniLabs

4:55 p.m.  Closing Remarks

5:00 p.m.  Adjourn