

# Curriculum Vitae

## Wendy A. Rogers, Ph.D.

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[wendyr@illinois.edu](mailto:wendyr@illinois.edu)

[www.hfaging.org](http://www.hfaging.org)

[LIFEhome.ahs.illinois.edu](http://LIFEhome.ahs.illinois.edu)

[www.TechSAgeRERC.org](http://www.TechSAgeRERC.org)

[chart.ahs.illinois.edu](http://chart.ahs.illinois.edu)

[www.create-center.org](http://www.create-center.org)

[healthtech.ahs.illinois.edu/](http://healthtech.ahs.illinois.edu/)

[www.enhance-lerc.org](http://www.enhance-lerc.org)

### Education

- 1987 - 1991 Georgia Institute of Technology  
Degree: Doctor of Philosophy in Psychology (1991)  
Thesis: *An analysis of ability-performance relationships as a function of practice and age. (APA Division 21 Briggs Dissertation Award)*  
Degree: Master of Science in Psychology (1989)  
Thesis: *Target and distractor learning in visual search: Age-related differences. (Monie A. Ferst Sigma Xi Thesis Award)*
- 1986 - 1987 University of South Carolina – Doctoral Program in Experimental Psychology  
(transferred to Georgia Institute of Technology)
- 1981 - 1985 Southeastern Massachusetts University (now University of Massachusetts - Dartmouth)  
Degree: Bachelor of Arts in Psychology (1985; *with distinction*)

### Professional History

- January 2017 – present University of Illinois Urbana-Champaign*  
Shahid & Ann Carlson Khan Professor of Applied Health Sciences  
Professor – Department of Kinesiology & Community Health (100%)  
Director, Health Technology Education Program  
Director, McKechnie Family LIFE Home  
Program Director, CHART: Collaborations in Health, Aging, Research, and Technology  
Director, Human Factors & Aging Laboratory  
Professor – Department of Educational Psychology (0%)  
Affiliate – Beckman Institute for Advanced Science & Technology  
Affiliate – Center for Social and Behavioral Science  
Affiliate – Illinois Informatics Institute  
Affiliate – Discovery Partners Institute
- August 1998 – Dec 2016 Georgia Institute of Technology - School of Psychology*  
Adjunct Professor (2017-present)  
Coordinator, Engineering Psychology Program (2013-2016)  
Program Director, Cognitive Aging Training Grant (2012-2016)  
Associate Chair (2002-2004)  
Professor (2001-2016)  
Associate Professor (1998-2001)

August 1994 – July 1998 University of Georgia - Department of Psychology  
 Associate Professor (1996-1998)  
 Assistant Professor (1994-1996)

August 1991 – July 1994 University of Memphis - Department of Psychology  
 Assistant Professor (1991-1994)

## Professional Certification

Board of Certification in Professional Ergonomics  
 Certified Human Factors Professional (granted 2008; renewed 2013 & 2018)  
 BCPE Certificate Number 1539

## Visiting Positions

Visiting Researcher (Nov 14-18, 2011) – Human Factors Engineering Group, Institute of Infocomm Research (I2R), Agency for Science, Technology, and Research (A\*STAR), Singapore.

Visiting Scholar – Summer at Census (Aug 16-19, 2010) – Statistical Research Division (SRD), U.S. Census Bureau, Washington, DC.

## Professional and Honor Societies

American Psychological Association  
 Division 2 – Teaching of Psychology (former member)  
 Division 3 (Fellow) – Experimental Psychology (former member)  
 Division 20 (Fellow) – Adult Development and Aging (current member)  
 Division 21 (Fellow) – Applied Experimental and Engineering Psychology (current member)  
 Division 22 – Rehabilitation Psychology (current member)  
 Division 38 – Health Psychology (current member)

Association for Computing Machinery  
 Special Interest Group – Computer Human Interaction

Gerontological Society of America (Fellow)  
 Formal Interest Groups – Technology & Aging; Center Directors; Behavioral Interventions

Human Factors and Ergonomics Society (Fellow)  
 Technical Groups: Aging, Education, Healthcare, Human-AI-Robot-Teaming,  
 Individual Differences in Performance, Internet, Training

International Society for Gerontechnology

Psi Chi

RESNA – Rehabilitation Engineering and Assistive Technology Society of North America

## Honors and Awards

2019 Gerontological Society of America Richard Kalish Innovative Publication Award  
 Czaja, S. J. Boot, W. R., Charness, N., & Rogers, W. A. (2019). *Designing for older adults: Principles and creative human factors approaches* (3rd ed.). Boca Raton, FL: CRC Press.

2019 Mather LifeWays Promising Practices Award recognizing “*innovative approaches to serving older adults*” Honorable Mention  
 Illinois – Smart Technology Assisting Residents (I-STAR) Project funded by the Illinois Science and Energy Innovation Foundation

- 2018 HFE Woman Mentor of the Year from the Human Factors and Ergonomics Society recognizing “*outstanding contributions made by an individual in the mentorship and professional advancement of women within the Human Factors community*”
- 2017 Mather LifeWays Innovative Research on Aging Award: Honorable Mention  
Czaja, S.J., Boot, W. R., Charness, N., Rogers, W. A., and Sharit, J. (2018). Improving social support for older adults through technology: Findings from the PRISM randomized controlled trial. *The Gerontologist*, 58, 467-477.
- 2016 American Psychological Association Prize for Interdisciplinary Team Research awarded to the Center for Research and Education on Aging and Technology Enhancement (CREATE).
- 2016 Atlanta Magazine Groundbreaker Award for *Using Smart Design to Make Our Environment More Accessible as We Age* – Jon Sanford, Wendy Rogers, Tracy Mitzner for Technologies to Support Successful Aging with Disability (TechSage)
- 2016 Fellow, Gerontological Society of America
- 2014 Oliver Hansen Outreach Award from the Human Factors and Ergonomics Society recognizing “*significant activities that broaden awareness of the existence of the human factors/ergonomics profession and the benefits it brings to humankind.*”
- 2013 Jack A. Kraft Innovator Award from the Human Factors and Ergonomics Society awarded to the Center for Research and Education on Aging and Technology Enhancement (CREATE)
- 2012 Atlanta Magazine Groundbreaker Award for *Being a Provocative Alternative in Senior Healthcare* –Wendy Rogers, Charles Kemp, and the PR2 Team
- 2010 Paul M. Fitts Education Award – Human Factors and Ergonomics Society
- 2006 Mentor Award – Division 20 of the American Psychological Association and The Retirement Research Foundation
- 2002 Fellow, Human Factors and Ergonomics Society
- 2002 Winner of the HFES Best *Ergonomics in Design* Article Award for:  
Rogers, W. A., Mykityshyn, A. L., Campbell, R. H., & Fisk, A. D. (2001). Analysis of a “simple” medical device. *Ergonomics in Design*, 9, 6-14.
- 2002 Franklin V. Taylor Award for Outstanding Contribution to the Field of Applied Experimental and Engineering Psychology - American Psychological Association (Division 21)
- 2002 Fellow, Division 3 (Experimental Psychology) of the American Psychological Association
- 2000 Fellow, Division 21 (Applied Experimental and Engineering Psychology) of the American Psychological Association
- 1998 Fellow, Division 20 (Adult Development and Aging) of the American Psychological Association
- 1997 Earl A. Alluisi Award for Early Career Achievement in Research on Applied Experimental and Engineering Psychology - American Psychological Association (Division 21)
- 1996 Springer Award for Early Career Achievement in Research on Adult Development and Aging - American Psychological Association (Division 20)
- 1994 Early Career Research Award - The University of Memphis, College of Arts and Sciences

- 1992 Richard M. Griffith Memorial Award - Southern Society for Philosophy and Psychology
- 1992 George E. Briggs Dissertation Award - American Psychological Association (Div. 21)
- 1991 Student Paper Award - Training Technical Group of the Human Factors Society (with Mark D. Lee)
- 1989 Monie A. Ferst Sigma Xi Master's Thesis Research Award
- 1989 Student Paper Award - Training Technical Group of the Human Factors Society (with Mark D. Lee)
- 1988 Student Research Award - Behavioral and Social Sciences Section of the Gerontological Society of America
- 1988-91 National Institutes of Health (National Institute on Aging) Ruth L. Kirschstein National Research Service Award (NRSA) Institutional Research Training Grants: Research Training in Cognitive Aging
- 1987 & 88 New Bedford Police Union Academic Scholarship

### Research Grants and Contracts

#### *Wayfinding Assistance for Persons with Visual Impairments via Mobile Robotics*

(1/1/21 - 7/31/22)

Campus Research Board Research Support Award (Total award \$30,000). Katherine Driggs-Campbell (PI), Wendy A. Rogers, co-Principal Investigator.

#### *Identifying Changing Responsibilities and Support Needs of Aging Caregivers of Veterans with Traumatic Brain Injury* (6/15/20 - 6/14/21)

Chez Veterans Center's Military Service Knowledge Collaborative 2020 Seed Grant Award (Total award \$15,000). Sandraluz Lara-Cinisomo and Raksha Mudar, co-Principal Investigators; Wendy A. Rogers, consultant.

#### *Enhancing Quality of Life for Older Adults with and without MCI through Social Engagement over Video Technology* (5/1/20 - 4/30/22) [R44 AG059450]

National Institute on Aging (National Institutes of Health) Phase II Small Business Innovation Research Grant. Dillon Myers, Principal Investigator for Potluck, LLC and Wendy A. Rogers, Principal Investigator for University of Illinois; Raksha Mudar co-PI for University of Illinois (Total award \$1,832,982; Subcontract to Illinois: \$849,993)

#### *Improving Hypertension Medication Adherence for Older Adults* (2/26/20 - 12/31/24) [R01NR018469]

National Institutes of Health (National Institute of Nursing Research): Jeannie K. Lee & Wendy A. Rogers Co-principal Investigators (Total award \$3,092,027; Subcontract to Illinois: \$1,022,472)

#### *Enhancing Neurocognitive Health, Abilities, Networks, and Community Engagement (ENHANCE)* (9/30/19 - 9/29/24) [90REGE0012]

National Institute on Disability, Independent Living, and Rehabilitation Research (NIDILRR), Rehabilitation Engineering Research Center (RERC). Sara Czaja & Walter Boot Co-Directors; Wendy Rogers & Raksha Mudar Co-Investigators for University of Illinois (Total award \$4,624,999; Subcontract to Illinois: \$1,398,400)

#### *Reducing Social Isolation Demonstration Project* (10/1/19 - 9/30/20)

East Central Illinois Area Agency on Aging. Amy Brown (CRIS Healthy Aging Center) & Wendy Rogers (Illinois) Co-Investigators (Total award \$31,250 to CRIS; \$0 to IL)

#### *Benefits of Social Engagement using Video Technology for Economically Disadvantaged Older*

*Adults (4/1/19 - 3/31/20)*

Discovery Partners Institute Activity Grant: Raksha Mudar & Wendy A. Rogers, co-principal investigators (Total award \$15,000)

*Illinois Smart Technology Assisting Residents (I-STAR) (1/1/19 - 8/22/19)*

Illinois Science and Energy Innovation Foundation (ISEIF): Wendy A. Rogers & Paul Francisco, co-principal investigators for University of Illinois. (Total award \$300,000 to Seniors Independent Living Collaborative (Doug Newman, PI); Subcontract to Illinois \$62,269)

*Technologies to Support Successful Aging-in-Place for People with Long-Term Disabilities (TechSage) (10/1/18 - 9/30/23) [90REGE0006]*

National Institute on Disability, Independent Living, and Rehabilitation Research (NIDILRR), Rehabilitation Engineering Research Center (RERC). Jon Sanford, Wendy A. Rogers, Tracy L. Mitzner, Co-Principal Investigators (Total award \$4,624,885; Subcontract to Illinois: \$1,537,553)

*Augmentation Systems and Intelligent Support Technologies for Aging (ASISTa) (9/1/18 – 8/31/19 [Award #1840446]*

National Science Foundation Engineering Research Center Planning Grant. Gregory Hager, Principal Investigator; Elizabeth D. Mynatt, Wendy A. Rogers, & Sarah Szanton, Co-Principal Investigators (Total award \$100,000; Subcontract to Illinois: \$10,201)

*Supporting Social Engagement through Technology for Older Adults with and without MCI (4/1/18 - 12/31/18) [R43AG059450]*

National Institute on Aging (National Institutes of Health) Phase I Small Business Innovation Research Grant. Dillon Myers, Principal Investigator for Potluck, LLC and Wendy A. Rogers, Principal Investigator for University of Illinois (Total award \$144,203; Subcontract to Illinois: \$46,018)

*Illinois Seniors Smart-Home Initiative: Information Resources, Training, & Outreach (1/1/18 - 12/31/18)*

Illinois Science and Energy Innovation Foundation (ISEIF): Wendy A. Rogers & Paul Francisco, co-principal investigators for University of Illinois. (Total award \$300,000 to Eastern Illinois University (Linda Simpson, PI); Subcontract to Illinois \$115,300)

*Center for Research and Education on Aging and Technology Enhancement IV (CREATE IV) (7/1/15 - 3/30/20) [P01 AG17211]*

National Institutes of Health (National Institute on Aging): Wendy A. Rogers, Principal Investigator for GT/UIUC site “PRISM 2.0 and Dissemination Core.” \$777,772.

*Supplement to CREATE IV (6/15/18 - 3/31/19) [P01 AG17211-17S4]*

Research Supplement to Promote Diversity in Health-Related Research from the National Institutes of Health (National Institute on Aging): Wendy A. Rogers, Principal Investigator; Maurita Harris - Student (\$61,286)

*Supplement to CREATE IV (9/15/16 - 3/31/19) [P01 AG17211-17S3]*

Administrative Supplement “Expanding Models of Technology Acceptance to Enhance Successful Deployment”. National Institutes of Health (National Institute on Aging): Wendy A. Rogers, Principal Investigator (\$100,000)

*Supplement to CREATE IV (9/1/16 - 3/31/17) [P01 AG17211-17S2]*

Research Supplement to Promote Diversity in Health-Related Research from the National Institutes of Health (National Institute on Aging): Wendy A. Rogers, Principal Investigator; Christina Harrington - Student (\$60,032)

*Technologies to Support Successful Aging with Disability (TechSage) (10/1/13 - 9/30/18) [H133E130037 through Department of Education; 90RE5016-01-00 through Administration for*

Community Living, when NIDRR became NIDILRR]

National Institute on Disability, Independent Living, and Rehabilitation Research (NIDILRR), Rehabilitation Engineering Research Center (RERC). Jon Sanford, Wendy A. Rogers, Tracy L. Mitzner, Co-Principal Investigators ((Total award \$4,624,977; Rogers' component: \$933,094)

*Research Training in Cognitive Aging* (07/01/1988 - 04/30/2020) [T32AG000175]

National Institutes of Health (National Institute on Aging) Ruth L. Kirschstein National Research Service Award (NRSA) Institutional Research Training Grant: Program Directors Wendy Rogers and Audrey Duarte. (2015-2020 budget: \$1,737,580) (Project Director 2012-2016)

*System for Tracking and Managing Pain (STAMP)* (August 15, 2012-August 14, 2013)

[R43 TR 000474]

Phase I Small Business Innovation Research Grant from the National Center for Advancing Translational Sciences (National Institutes of Health). Camilla Knott, Principal Investigator for Aptima and Wendy A. Rogers, Principal Investigator for Georgia Tech. (Total Award \$150,000; Subcontract to GT: \$39,600).

*Assistive Mobile Manipulation for Older Adults at Home* (June 1, 2010 – May 31, 2012)

Willow Garage: Charlie Kemp, Wendy A. Rogers, James Rehg, Andrea Thomaz, Tracy Mitzner, & Brian Jones (technology grant: PR2 Beta Robot ~value \$400,000)

*Center for Research and Education on Aging and Technology Enhancement III (CREATE III)*

(8/1/09 – 7/31/14 extended to 7/31/15) [P01 AG17211]

National Institutes of Health (National Institute on Aging): Wendy A. Rogers and Arthur D. Fisk, Co-Principal Investigators for “Advancing health and well-being in the home environment through technology.” (Funding for Rogers/Fisk component: \$2,517,510)

*Technology Acceptance – Phase IV* (April 1, 2008 – September 30, 2009)

Deere & Company: Koert van Ittersum, Wendy A. Rogers, Arthur D. Fisk, & Leonard Parsons, Co-Principal Investigators (\$227,030)

*Technology Acceptance – Phase III* (January 1, 2007 – December 31, 2007)

Deere & Company: Koert van Ittersum, Wendy A. Rogers, Arthur D. Fisk, & Leonard Parsons, Co-Principal Investigators (\$292,590)

*Technology Acceptance – Phase II* (January 1, 2006 – December 31, 2006)

Deere & Company: Wendy A. Rogers, Arthur D. Fisk, Leonard Parsons, & Koert van Ittersum, Co-Principal Investigators (\$154,579)

*Center for Research and Education on Aging and Technology Enhancement II (CREATE II)*

(8/15/04 - 7/31/09) [P01 AG17211]

National Institutes of Health (National Institute on Aging): Wendy A. Rogers and Arthur D. Fisk, Co-Principal Investigators for “Design of collaborative systems.” (Funding for Rogers/Fisk component: \$1,237,326)

*Supplement to CREATE: Design of Collaborative Systems* (10/1/06 - 9/30/08)

National Institutes of Health (National Institute on Aging): Wendy A. Rogers, Principal Investigator; Student - Jamye Hickman (\$82,363)

*Designing Memory Surrogates in an Aware Home* (7/1/03 - 6/30/04)

Georgia Tech Broadband Institute Research Project: Elizabeth D. Mynatt & Wendy A. Rogers, Co-Principal Investigators (\$20,000)

*The Aware Home: Sustaining the Quality of Life for an Aging Population* (10/1/01-8/31/07) [ITR Grant 0121661]

National Science Foundation Information Technology Research Grant: Gregory Abowd, Wendy Rogers, Elizabeth Mynatt, Aaron Bobick, Irfan Essa, Co-Principal Investigators

(\$1,647,747)

*Task Strategies, Aging, and Skill Acquisition* (9/15/99 - 9/14/04 ext to 8/31/05) [R01 AG18177]  
National Institutes of Health (National Institute on Aging): Wendy A. Rogers - Principal Investigator (\$412,282)

*Supplement to: Task Strategies, Aging, and Skill Acquisition* (8/16/02 - 8/15/04)  
National Institutes of Health (National Institute on Aging): Wendy A. Rogers - Principal Investigator, Student - Jamye Hickman (\$71,567)

*Center for Research and Education on Aging and Technology Enhancement (CREATE)* (9/1/99 - 8/31/04) [P01 AG17211]

National Institutes of Health (National Institute on Aging): Arthur D. Fisk and Wendy A. Rogers, Co-Principal Investigators for "Age-related training for technology use".  
(Funding for Fisk/Rogers component: \$661,639)

*Supplement to CREATE: Functional abilities and everyday competence* (4/1/02 - 3/31/03)  
National Institutes of Health (National Institute on Aging): Wendy A. Rogers and Arthur D. Fisk, Co-Principal Investigators (\$11,976)

*NIOSH Supplement to CREATE* (8/1/00 - 7/31/02)  
National Institute for Occupational Safety and Health: Arthur D. Fisk and Wendy A. Rogers, Co-Principal Investigators (\$19,000)

*Aware Home: Supporting Aging in Place - Seed Grant* (9/1/99 - 8/31/00)  
Graphics, Visualization, and Usability Seed Grant: Elizabeth Mynatt, Wendy A. Rogers, Jim Rowan, Co-Principal Investigators (\$20,000)

*Center for Aging and Cognition: Health, Education, and Technology (CACHET)* (7/1/98 - 6/30/03) [P50 AG11715]

National Institutes of Health (National Institute on Aging) Edward R. Roybal Center for Research on Applied Gerontology: Wendy A. Rogers and Arthur D. Fisk, Co-Principal Investigators for "Principled design and instruction for medical interventions" (Funding for Rogers/Fisk component: \$712,962)

*Center for Applied Cognitive Research on Aging* (8/2/93 - 7/31/98) [P50 AG11715]  
National Institutes of Health (National Institute on Aging): Wendy A. Rogers and Arthur D. Fisk, Co-Principal Investigators for "Principled training of daily living tasks in the aged" (Funding for Rogers' component: \$408,961)

*Understanding the Development of Automatic Processes in Young and Old Adults* (1/04/93 - 8/20/93)

Faculty Research Grant, University of Memphis: Wendy A. Rogers, Principal Investigator (\$3,160)

*Assessing the relationships between skilled memory tasks and basic cognitive abilities as a function of age* (9/1/92 - 8/31/93)

Subcontract, Georgia Institute of Technology (Arthur D. Fisk - Principal Investigator):  
Memphis Component - Wendy A. Rogers, Principal Investigator (\$6,500)

*Perceptual and Psychomotor Speed Abilities in Young and Old Adults: Effects of Practice and Computerized Administration* (1/1/92 - 9/30/92)

Biomedical Research Grant, U.S. Public Health Service: Wendy A. Rogers, Principal Investigator (\$4,090)

*Assessing the Cognitive Abilities of Older Adults: Measuring 'Maximal' Performance* (11/30/91 - 6/30/92)

Faculty Research Grant, University of Memphis: Wendy A. Rogers, Principal Investigator (\$2,906)

## Research Foundation Gifts

*Research and Technology Center of Robert Bosch LLC (to W. A. Rogers & C. C. Kemp Dept. of BME)*

2013 \$60,000

2012 \$20,000

*Humana (through GVU)*

2011 \$10,000

2010 \$3,500

*Deere & Company (to W. A. Rogers & A. D. Fisk)*

7/15/12 \$1,750

8/19/11 \$91,000

8/10/11 \$40,000

10/15/10 \$55,000

8/17/10 \$30,000

4/1/10 \$39,000

3/15/10 \$38,000

9/24/09 \$86,285

6/24/09 \$86,285

3/30/09 \$86,285

9/15/08 \$50,000

6/15/08 \$50,000

3/17/08 \$50,000

9/15/07 \$55,000

6/15/07 \$60,000

4/15/07 \$60,000

6/7/06 \$50,000

1/10/06 \$50,000

8/15/05 \$50,000

6/14/05 \$95,500

1/20/05 \$48,500 (\$24,200 subcontract to College of Management)

10/1/04 \$74,400

3/5/04 \$35,000

10/24/03 \$20,000

8/12/03 \$35,750

3/15/03 \$35,000

8/15/02 \$20,000

11/21/01 \$30,000

6/11/01 \$22,000

## Faculty Materials, Supplies, and Travel Grant for Undergraduate Research from Georgia Tech Undergraduate Research Opportunities Program

2015 \$1,000

2014 \$800

2013 \$1,000

2012 \$1,000

## Journal Publications

Morrow, D. G., Lane, H. C. & Rogers, W. A. (in press). A framework for design of conversational agents to support health self-care for older adults. *Human Factors*, XX.

Cohen, J., Rogers, W. A., Petruzzello, S. J., Trinh, L., & Mullen, S. P. (in press). Acute effects of aerobic exercise and relaxation training on fatigue in breast cancer survivors: A feasibility trial. *Psycho-Oncology*. <https://doi.org/10.1002/pon.5561>

Barg-Walkow, L. H., Thomas, R., Wickens, C. D., & Rogers, W. A. (in press). Task scheduling decisions by emergency department physicians. *Human Factors*.

Koon, L. M., Remillard, E. T., Mitzner, T. L., & Rogers, W. A. (2020). Aging Concerns, Challenges, and Everyday Solution Strategies (ACCESS) for adults aging with a long-term mobility disability. *Disability & Health Journal*, 13. <https://doi.org/10.1016/j.dhjo.2020.100936>

Nie, Q., Nguyen, L. T., Myers, D. Gibson, A., Kerssens, C., Mudar, R. A., & Rogers, W. A. (2020). Design guidance for video chat system to support social engagement for older adults with and without mild cognitive impairment. *Gerontechnology*, 20, 1-15, <https://doi.org/10.4017/gt.2020.20.398.08>.

Rogers, W. A., Ramadhani, W. A., Harris, M. T. (2020). Defining aging in place: The



- intersectionality of space, person, and time. *Innovation in Aging*, 4, 1–11  
[doi:10.1093/geroni/igaa036](https://doi.org/10.1093/geroni/igaa036)
- Remillard, E. T., Griffiths, P. C., Mitzner, T. L., Sanford, J. A., Jones, B. D., & Rogers, W. A. (2020). The TechSAGE Minimum Battery: A multidimensional and holistic assessment of individuals aging with long-term disabilities. *Disability and Health Journal*, 13, 1-9.  
<https://doi.org/10.1016/j.dhjo.2019.100884>
- Rogers, W. A., Mitzner, T. L., & Bixter, M. T. (2020). Understanding the potential of technology to support enhanced activities of daily living (EADLs). *Gerontechnology*, 19, 125-137.
- Koon, L. M., Blocker, K. A., McGlynn, S., A., & Rogers, W. A. (2020). Perceptions of digital assistants from early adopters aged 55+. *Ergonomics in Design*, 28, 16-23.
- Park, D., Hoshi, Y., Mahajan, H., Rogers, W. A., & Kemp, C. C. (2020). Active robot-assisted feeding with a general-purpose mobile manipulator: Design, evaluation, and lessons learned. *Robotics and Autonomous Systems*, 124, 1-17. <https://doi.org/10.1016/j.robot.2019.103344>
- Sharit, J., Moxley, J. H., Boot, W. R., Charness, N., Rogers, W. A., Czaja, S. J. (2019). Effects of extended use of an age friendly computer system on assessments of computer proficiency, attitudes, and usability by older non-computer users. *ACM Transactions on Accessible Computing*, 12. <https://dl.acm.org/doi/10.1145/3325290>
- Bixter, M., & Rogers, W. A. (2019). Age-related differences in delay discounting: Immediate reward, reward magnitude, and social influence. *Journal of Behavioral Decision Making*, 32, 471-484. <https://doi.org/10.1002/bdm.2124>
- Morey, S. A., Stuck, R. E., Chong, A., Barg-Walkow, L., H., & Rogers, W. A. (2019). Mobile health apps: Improving usability for older adult users. *Ergonomics in Design*, 27, 4-13.
- Bixter, M., Blocker, K., Prakash, A., Mitzner, T. L., & Rogers, W. A. (2019). Understanding the use and non-use of social communication technologies by older adults: A qualitative test and extension of the UTAUT model. *Gerontechnology*, 18, 70-88.
- Stuck, R. E., & Rogers, W. A. (2019). Supporting trust in home healthcare providers: Insights into the care recipients' perspective. *Home Health Care Services Quarterly*.  
[doi.org/10.1080/01621424.2019.1604462](https://doi.org/10.1080/01621424.2019.1604462).
- Yoon, J., Charness, N., Boot, W., Czaja, S. J., & Rogers, W. A. (2019). Depressive symptoms as a predictor of memory complaints in the PRISM sample. *Journal of Gerontology: Psychological Sciences*, 65B, 645-653.
- Lee, C. C., Czaja, S. J., Moxley, J. H., Sharit, J., Boot, W. R., Charness, N., Rogers, W. A. (2019). Attitudes toward computers across adulthood from 1994 to 2013. *Gerontologist*, 2019, Vol. 59, No. 1, 22–33 [doi:10.1093/geront/gny081v](https://doi.org/10.1093/geront/gny081v)
- Mitzner, T. L., Savla, J., Boot, W. R., Sharit, J., Charness, N., Czaja, S. J., & Rogers, W. A. (2019). Technology adoption by older adults: Findings from the PRISM trial. *Gerontologist*, 59, 34-44. [doi:10.1093/geront/gny113](https://doi.org/10.1093/geront/gny113)
- Singleton, J. L., Remillard, E. T., Mitzner, T. L., & Rogers, W. A. (2019). Everyday technology use among older deaf adults. *Disability and Rehabilitation: Assistive Technology*, 14:4, 325-332, DOI: 10.1080/17483107.2018.1447609.
- Boot, W. R., Moxley, J. H., Roque, N. A., Andringa, R., Charness, N., Czaja, S.J., Sharit, J., Mitzner, T. L., Lee, C. C. & Rogers, W. A. (2018). Exploring older adults' video game use in the PRISM computer system. *Innovation in Aging*, 1-13. <https://doi.org/10.1093/geroni/igy009>
- Hsieh, K. L., Fanning, J. T., & Rogers, W. A., Wood, T. A., & Sosnoff, J. J. (2018). A fall risk mHealth app for older adults: Development and usability study. *Journal of Medical Internet Research Aging* (1(2):e11569) [doi:10.2196/11569](https://doi.org/10.2196/11569).
- Czaja, S.J., Boot, W. R., Charness, N., Rogers, W. A., and Sharit, J. (2018). Improving social

- support for older adults through technology: Findings from the PRISM randomized controlled trial. *The Gerontologist*, 58, 467-477. doi: 10.1093/geront/gnw249 (*Mather LifeWays Innovative Research on Aging Awards: Honorable Mention*)
- Mitzner, T. L., Tiberio, L., Kemp, C. C., & Rogers, W. A. (2018). Understanding healthcare providers' perceptions of a personal assistant robot. *Gerontechnology*, 17, 48-55. PMID: PMC6553648
- Mitzner, T. L., Sanford, J. A., & Rogers, W. A. (2018). Closing the capacity-ability gap: Using technology to support aging with disability. *Innovation in Aging*, 2(1), 1-8.
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### **Manuscripts under review/in revision/in preparation**

- Nie, Q., and Rogers, W. A. (in prep). Understanding health self-management challenges for older adults with and without mobility and sensory disabilities.
- Blocker, K. A., & Rogers, W. A. (in prep). Exploring older adults' internalizations and the potential influence of misconceptions regarding antihypertensive medication management.
- Wu, X., Mitzner, T. L., Thomas, R. C., Drobina, E. C., Rogers, W. A., Beer, J. M. (under



- revision). Tele-technology evaluation and user testing with older adults aging with long-term mobility impairment. *Assistive Technology*.
- Czaja, S. J., Prakash, A., Moxley, J. H., & Rogers, W. A. (in prep). Social support, isolation, loneliness and health among older adults in the PRISM randomized controlled trial.
- Mitzner, T. L., McGlynn, S., A., & Rogers, W. A. (in prep). Investigating age-related differences in spatial presence formation and maintenance in virtual reality. *Gerontechnology*.
- Harris, M. T., & Rogers, W. A. (in prep). Developing a Healthcare Technology Acceptance Model (H-TAM) for older adults with hypertension.
- Bixter, M. T., & Rogers, W. A. (in prep). Social connectedness in older adults who live alone: The role of Internet-based technologies in providing social support.

## Book Series

- Rogers, W. A. (Series Editor). *Human Factors and Aging*. Boca Raton, FL: CRC Press.
- Boot, W. R., Charness, N., Czaja, S. J., & Rogers, W. A. (2020). *Designing for older adults: Case studies, methods, and tools*. Boca Raton, FL: CRC Press.
- McLaughlin, A. C. & Pak, R. (2020). *Designing displays for older adults* (2<sup>nd</sup> ed.). Boca Raton, FL: CRC Press.
- Baldwin, C. L., Lewis, B. A., & Greenwood, P. (2019). *Designing transportation systems for older adults*. Boca Raton, FL: CRC Press.
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## Workshops/Tutorials

CREATE Workshops (Sara Czaja, Neil Charness, Walter Boot, Wendy Rogers)

*Designing for Older Adults*, planned for September 2021, Bordeaux, France

*Designing for Older Adults*, planned tbd, Mexico City, Mexico

*Designing for Older Adults*, October 21<sup>st</sup> & 22<sup>nd</sup>, 2019, New York, NY

*Designing for Older Adults*, December 6<sup>th</sup> & 7<sup>th</sup>, 2018, Frankfurt, Germany

CREATE Workshops (Sara Czaja, Neil Charness, Walter Boot, Joseph Sharit, Wendy Rogers)

*Health Care Technologies for Older Adults: Design, Adoption, Implementation & Training Issues*, February 23<sup>rd</sup> & 24<sup>th</sup>, 2017, Miami, FL

*Health Care Technologies for Older Adults: Design, Adoption, Implementation & Training Issues*, February 25<sup>th</sup> & 26<sup>th</sup>, 2016, Miami, FL

Rogers, W. A., & Gallagher, T. M. (June 2017). *Meeting users' needs through technology: Guidance from policy and research*. Rehabilitation Engineering and Assistive Technology Society (RESNA) Annual Conference, New Orleans, LA.

Sanford, J., Rogers, W. A., Jones, B., & Kapusta, A. (June 2017). *Smart and robotic homes*. Rehabilitation Engineering and Assistive Technology Society (RESNA) Annual Conference, New Orleans, LA.

Mitzner, T. L., Sanford, J. A., & Rogers, W. A. (2016, July). *RERC: Technologies to support successful aging with disability*. Rehabilitation Engineering and Assistive Technology Society (RESNA) Annual Conference, Arlington, VA.

Singleton, J. L., Gonzalez, E. T., Mitzner, T. L., & Rogers, W. A. (2016, July). *Everyday technology use by Deaf seniors*. 53<sup>rd</sup> Biennial National Association of the Deaf Conference, Phoenix, AZ.

Mitzner, T. L., Rogers, W. A., & Sanford, J. A. (2015, June). *Moving forward with technologies for successful aging with disability*. Rehabilitation Engineering and Assistive Technology Society (RESNA) 2015 Annual Conference, Denver, CO.

Sanford, J. A., Rogers, W. A., & Mitzner, T. L. (2014, June). *Current and future directions in technologies for successful aging with disability*. Rehabilitation Engineering and Assistive Technology Society (RESNA) 2014 Annual Conference, Indianapolis, IN.

Rogers, W. A. (2013, November). *Design for Aging*. Technical University of Berlin, Germany.

Mitzner, T. L., O'Brien, M. A., & Rogers, W. A. (2012, May). *Emerging technologies for healthcare and aging*. ACM SIGCHI Conference on Human Factors in Computing System, Austin, TX.

Rogers, W. A. (2011, November). *Design for aging*. Human Factors Engineering Group, Institute of Infocomm Research (I2R), Agency for Science, Technology, and Research (A\*Star), Singapore.

Rogers, W. A., & Fisk, A. D. (2010, December). *Designing for older adults*. Tokyo Institute of Technology, Tokyo, Japan.

Rogers, W. A. (2010, August). *Involving older adults in research and usability studies*. U.S. Census Bureau. Washington, DC.

Fausset, C. B., Kelly, A., Mitzner, T. L., Rogers, W. A., & Fisk, A. D. (2010, March). *Focus groups and aging*. American Society on Aging. Chicago, IL.

O'Brien, M. A., Fausset, C., & Rogers, W. A. (2008, September). *Translating science into practice: Design principles for older users*. IFA's 9<sup>th</sup> Global Conference on Ageing. Montreal, Canada.

Rogers, W. A. (2007, September). *Cognitive aging and training*. Oticon Human Link Conference. Boston, MA.

Rogers, W. A. (2006, November). *Linking Graduate and Undergraduate Education*. Center for

- the Enhancement of Teaching and Learning (Georgia Tech), Atlanta, GA.
- Rogers, W. A. (2006, January & December). *Cognitive aging: Memory*. Professional Development in Gerontology Certificate Program. Athens, GA.
- Rogers, W. A., & Czaja, S. J. (2001, February). *Designing for older users: Theory into practice*. SPRY conference on Older Adults, Health Information, and the World Wide Web. Bethesda, MD
- Rogers, W. A., & Czaja, S. J. (2000, April). *Designing for the older user*. ACM SIGCHI Conference on Human Factors in Computing Systems. The Hague, Netherlands
- Rogers, W. A. (1999, October). *Human factors issues in technology use by older adults*. Georgia Gerontological Society. Young Harris, GA.
- Fisk, A. D., & Rogers, W. A. (1999, April). *Human factors: What it is and how to select an expert*. Defense Research Institute. New Orleans.

### **Invited Workshop/Forum Participant**

- The President's Council of Advisors on Science and Technology (PCAST). *Workshop on Aging*. Washington, DC (January 7, 2015)
- International Conference on Intelligent Robots and Systems (IROS) Workshop: *Assistive robotics for individuals with disabilities: HRI issues and beyond*. Chicago, IL (September 14, 2014)
- Computing Community Consortium: *Trans-NIH/Interagency Workshop on the use and development of assistive technology for the aging population and people with chronic disabilities*. Bethesda, MD (September 10-11, 2014)
- Human Robot Interaction Conference Workshop: *Socially assistive robots for the aging population: Are we trapped in stereotypes?* Bielefeld, Germany (March 3, 2014)
- ACM SIGCHI Conference on Human Factors in Computing Systems Workshop: *Patient-Clinician Communication: The Roadmap for HCI*, Paris, France (April 28, 2013)
- American Psychological Association Science Leadership Conference, Washington, DC (November 11-13, 2010)
- ACM SIGCHI Conference on Human Factors in Computing Systems Workshop: *Senior-Friendly Technologies: Interaction Design for Seniors*, Atlanta (April 2010)
- Food & Drug Administration (FDA) Meeting: *Home use medical devices*, Washington, DC (May 22-23, 2008).
- United Kingdom Government Workshop: *Foresight project on mental capital and well-being*, London, England (March 6-7, 2008).
- American Psychological Association and Columbia University Working Group: *Defining vulnerability in minimal risk behavioral and psychological research*, Columbia, NY (November 9-10, 2007).
- American Psychological Association Science Leadership Conference, Washington, DC (October 13-15, 2007)
- National Institute on Aging & the McKnight Brain Research Foundation Cognitive Aging Summit: invited talk: *Cognitive Augmentation through Technology*, Washington, DC (October 10-11, 2007)
- Coalition for National Science Foundation Capitol Hill Exhibition, Washington, DC (June 22, 2004)
- National Institute on Aging Symposium: *Cognitive Training for Older Adults*, Bethesda, MD (March 1, 2004)
- Food and Drug Administration Center for Devices and Radiological Health via the Food and

- Drug Law Institute Meeting: *Use of Medical Devices in the Home Environment*, Washington, DC (June 6, 2002)
- White House Forum: *Technologies for Successful Aging* (October 4-5, 2000). Sponsored by the White House Office of Science and Technology Policy.
- Congressional Briefing: *Healthy Aging: What does the research tell us? Addressing the technology needs of older Americans* (May 18, 2000). HC-9 U.S. Capitol, Washington, DC.
- ACM SIGCHI Conference on Human Factors in Computing Systems Workshop: *Senior CHI Development Consortium*, Pittsburgh (May 1999)
- American Psychological Association Science Directorate and Public Policy Office Science Advocacy Training Workshop, Washington, DC (July 1999)
- Claude D. Pepper Older Americans Independence Center, the Center for Applied Cognitive Research on Aging, and Department of Psychology - University of Michigan, Cognition and Aging Research Retreat, Ann Arbor, MI (May 1997)
- Air Force Human Resources Laboratory Workshop: *Implications of Automaticity and Multiple Resources Theory to Systems Design and Training*, Wright-Patterson Air Force Base, Dayton, OH. (July 1989)

### **Invited Panel Participant**

- What do gerontologists know that designers don't?* (2015, November). Technology and Aging Interest Group Symposium, Gerontological Society of America, Orlando, FL.
- Inclusive and people-centered design.* (2015, October). 2nd WHO Global Forum on Innovation for Ageing Populations, Kobe, Japan.
- Concluding session: Creating tomorrow.* (2015, October). 2nd WHO Global Forum on Innovation for Ageing Populations, Kobe, Japan.
- The Future of Human Factors and Ergonomics: Charting a Course for our Profession* (2013, October). Human Factors and Ergonomics Society Annual Meeting; San Diego, CA.
- Fitts Education Award Winners: Teaching Human Factors & Ergonomics* (2012, October). Human Factors and Ergonomics Society Annual Meeting; Boston, MA.
- University Challenges in Home Health Care* (2012, March). Symposium on Human Factors and Ergonomics in Health Care: Bridging the Gap; Baltimore, MD.
- Rethinking Elder Design* (2010, September). Human Factors and Ergonomics Society Annual Meeting; San Francisco, CA.
- Approaches in Developing Innovative Product Concepts and Ideas Involving End-User Perspectives in the early Stage* (2010, September). Human Factors and Ergonomics Society Annual Meeting; San Francisco, CA.
- Joining the Publication Pipeline: How to Review a Manuscript* (2009, August). American Psychological Association Graduate Student Track; Toronto, ON, Canada.
- How to Publish your Manuscript* (2009, August). American Psychological Association Graduate Student Track; Toronto, ON, Canada.
- Working at the University-Industry Interface – Researcher's Perspective* (2009, April). Eighth Meeting of the University-Industry Demonstration Partnership (UIDP) – National Academy of Sciences, Irvine, CA
- Ergonomics professionalism: A panel discussion* (2007, October). Human Factors and Ergonomics Society Meeting, Baltimore, MD.
- Succeeding in today's high tech marketplace---jobs, internships, networking, mentors* (2004, July). American Psychological Association Meeting, Honolulu, HI.

*Technology: A means for enhancing the independence and connectivity of older people* (2004, April). ACM SIGCHI Conference on Human Factors in Computing Systems, Vienna.

*Senior CHI: How can we make technology “elder-friendly”?* (1999, May). ACM SIGCHI Conference on Human Factors in Computing Systems, Pittsburgh.

### **Invited Presentations – International**

- Rogers, W. A. (2019, June). *Collaborations in Health, Aging, Research, and Technology (CHART)*. KTH Royal Institute of Technology, Stockholm, Sweden.
- Rogers, W. A. (2018, October). *The Collaborations in Health, Aging, Research, and Technology (CHART) Program*. Technical University-Berlin, Berlin, Germany.
- Rogers, W. A. (2018, October). *Robots to support successful aging: Potential and challenges*. Human Factors and Ergonomics Society – Europe Chapter, Berlin, Germany.
- Rogers, W. A. (2016, September). *Psychological research to guide technology design that supports successful aging*. The 14<sup>th</sup> Psychology and Aging Congress Bordeaux, France.
- Rogers, W. A. (2016, September). *Reaching the potential of technology to support healthy aging: From apps to robots*. Inria Research Center "Interfaces" Aquitaine Scientific Symposium for Digital Sciences. Bordeaux, France.
- Rogers, W. A. (2015, October). *Design and deployment of technology to support healthy aging*. Department of Economics, Business, and Marketing, University of Groningen, The Netherlands.
- Rogers, W. A. (2015, September). *The potential of technology supports for healthy aging: From apps to robots*. Chinese Congress and Exposition on Gerontology and Health Industry, Suzhou, China.
- Rogers, W. A. (2014, June). *Human-robot interaction: Understanding the potential for older adults*. Department of Product and Media Design, Fo Guang University, Jiaosi, Taiwan.
- Rogers, W. A. (2014, March). *Human-robot interaction issues for older adults*. University of Applied Sciences, Frankfurt, Germany.
- Rogers, W. A. (2013, November). *Human-robot interaction: Understanding the potential of robots for older adults*. Paul B. Baltes Lecture, Leibniz Hall at the Berlin-Brandenburg Academy of Sciences, Berlin, Germany.
- Rogers, W. A. (2011, November). *Human-robot interaction: Understanding the potential of personal robots for older adults*. Human Factors Engineering Group, Institute of Infocomm Research (I2R), Agency for Science, Technology, and Research (A\*STAR), Singapore.
- Rogers, W. A. (2010, December). *Principles of human factors approaches for gerontechnology*. Advanced Industrial Science and Technology (AIST) Gerontechnology Forum and International Society for Gerontechnology Japan Chapter Annual Meeting, Tokyo, Japan.
- Rogers, W. A., & Fisk, A. D. (2009, June). *Collaborative systems for older adults' home care*. TNO Symposium on Electronic Partners for Self- and Tele-Care, Soesterberg, The Netherlands.
- Rogers, W. A. (2009, March). *The intersection of human factors and cognitive aging research*. 19th Annual Rotman Research Institute Conference on Cognitive Aging Research and Practice, Toronto, Ontario.
- Rogers, W. A. (2006, December). *Supporting aging-in-place in an aware home*, Nanyang Technological University, Singapore.



- Rogers, W. A. (2005, January). *Human factors and aging in an aware home*. Presented at Philips Research Laboratory, Eindhoven, The Netherlands.
- Rogers, W. A., & Fisk, A. D. (2004, October). *Human factors at home: Supporting the functional independence of older adults*. Presented at the Annual Meeting of the Human Factors and Ergonomics Society European Chapter, Delft, The Netherlands.
- Fisk, A. D., Sanchez, J., Johnson, J. D., & Rogers, W. A. (2004, October). *Can we trust automated collaborative systems? Reliability, error type, and user age*. Presented at the Annual Meeting of the Human Factors and Ergonomics Society European Chapter, Delft, The Netherlands.
- Rogers, W. A. & Czaja, S. J. (2004, April). *Center for Research and Education on Aging and Technology Enhancement (CREATE) – HCI Overview*. Computer Human Interaction Conference on Human Factors in Computing Systems, Vienna, Austria.
- Rogers, W. A. (2003, August). *Bringing psychological science to technology: Enhancing quality of life for older adults*. Taylor Award Address, Annual Meeting of the American Psychological Association, Toronto, Canada.
- Rogers, W. A. (2002, September). *Psychology meets technology: Supporting functional independence for older adults at home*. Technische Universiteit Eindhoven, The Netherlands.
- Rogers, W. A. (2001, October). *How human factors contributes to the World Wide Web and “aware” homes*. Tokyo Institute of Technology, Tokyo, Japan.
- Rogers, W. A. (1999, October). *Prevalence of technology in health and leisure for older adults*. Third International Conference on Gerontechnology, Munich, Germany.
- Rogers, W. A. (1999, October). *Training older adults to use technology: Issues from the use of ATMs*. Third International Conference on Gerontechnology, Munich, Germany.
- Rogers, W. A., Jamieson, B. A., Mead, S. E., & Rousseau, G. K. (1995, December). *Instructional needs for computerized library catalogs*. Invited Keynote Address, Second International Symposium on Cognition and Education: A Multidisciplinary Perspective, Varanasi, India.
- Rogers, W. A. (1995, July). *Use of new technology by older adults: Automatic teller machines*. Berlin Geriatric Center, Berlin, Germany.
- Rogers, W. A. (1995, July). *Do performance strategies mediate age-related differences in associative learning?* University of Potsdam, Potsdam, Germany.

### **Invited Presentations – United States**

- Rogers, W. A. (2020, October). *Designing technology to support healthy aging*. Carle Illinois College of Medicine Innovation Grand Rounds Series, Champaign, IL.
- Rogers, W. A. (2019, August). *(1) Collaborations in health, aging, research, and technology: University initiatives; and (2) Contributing to the solutions: Engaging in university research activities*. State Universities Annuitants Association (SUAA) Big 10 Conference University of Illinois at Urbana-Champaign Chapter, Champaign, IL.
- Rogers, W. A. (2018, September). *Professional development: Publishing and reviewing in applied psychology*. Purdue University Human Factors & Ergonomics Society Student Chapter, West Lafayette, IN.
- Rogers, W. A. (2018, September). *Technology design to support successful aging*. Purdue University Center on Aging and the Life Course Symposium on Technological Innovations for Optimal Aging, West Lafayette, IN.
- Rogers, W. A. (2018, June). *Current and emerging technologies to support social connectedness*

- for older adults*. Illinois Department on Aging Symposium on Navigating Change, Peoria, IL.
- Rogers, W. A. (2018, May). *Robots to support successful aging: Potential and challenges*. Distinctive Voices Series hosted by the National Academies of Sciences, Engineering, and Medicine, Beckman Center, Irvine, CA.
- Rogers, W. A. (2018, April). *Technologies for successful older adult aging, autonomy, and independence*. State Universities Annuitants Association (SUAA) University of Illinois at Urbana-Champaign Chapter, Champaign, IL.
- Rogers, W. A., and Bartlo, W. D. (2018, April). *New and emerging technologies to support older adults: Research from the University of Illinois at Urbana-Champaign*. Leading Age Illinois, Schaumburg, IL.
- Bartlo, W. D. & Rogers, W. A. (2018, April). *Collaborative opportunities for Leading Age Illinois and the University of Illinois at Urbana-Champaign*. Leading Age Illinois, Schaumburg, IL.
- Rogers, W. A. (2018, March). *Technology for healthy aging*. Episcopal Retirement Services, Parish Health Ministry's Annual Refresh Your Soul, Cincinnati, OH.
- Rogers, W. A. (2018, January). *Collaborations in Health, Aging, Research and Technology (CHART) and the LIFE Home*. Senior Task Force, Champaign, IL.
- Rogers, W. A. (2017, November). *Technology enhancements to support aging-in-place*. HIV & Aging: Mitochondria to the Metropolis. Emory University, Atlanta, GA.
- Rogers, W. A. (2017, October). *Technology design for successful aging: Support for social engagement*. School of Informatics and Computing Colloquium Series. Indiana University, Bloomington, IN.
- Rogers, W. A. (2017, September). *Aging-in-place: Design of technologies to Support Health and Autonomy*. Global Issues Forum: Health in Smart Urban Environments University of Illinois at Urbana-Champaign and National Taiwan University, Urbana-Champaign, IL.
- Rogers, W. A. (2017, May). Presidential Scholar Address: *Psychological research to guide technology design that supports successful aging*. The Association for Behavioral Analysis International Annual Meeting. Denver, CO.
- Rogers, W. A. (2016, March). *Design of technology for healthy aging: From apps to robots*. The University of Akron's Institute for Lifespan Development and Gerontology's 40th Anniversary Celebration. Akron, OH.
- Rogers, W. A. (2016, March). *Aging and technology: How do we know what works?* University of Kansas Gerontology Center. Lawrence, KS.
- Rogers, W. A. (2015, April). *Using psychological research to help people age successfully*. Wood Elementary School, Fairhaven, MA
- Rogers, W. A. (2014, October). *The potential of technology supports for healthy aging: From apps to robots*. University of Alabama at Birmingham Comprehensive Center for Healthy Aging Annual Meeting, Birmingham, AL
- Rogers, W. A. (2014, August). *Aging, healthcare, and technology design*. Geriatric and Gerontology Grand Rounds Lecture Series sponsored by the Emory University Department of Medicine Division of General and Geriatric Medicine, Emory Center for Health in Aging, and the Atlanta Regional Geriatric Education Center, Atlanta, GA
- Rogers, W. A. (2014, April). *Using the power of research to help us age successfully*. USA Science and Engineering X-STEM – Extreme STEM Symposium for K-12 Students, Washington, DC.
- Rogers, W. A. (2014, April). *Robot support for independent aging*. Atlanta VA Medical Center Rehabilitation R&D Center of Excellence for Visual and Neurocognitive Rehabilitation

- (CVNR), Atlanta, GA.
- Rogers, W. A. (2012, November). *Human factors and aging: Design of robots to support independent aging*. Washington University, St. Louis, WA.
- Rogers, W. A. (2012, November). *Human factors and aging: Design of robots to support independent aging*. Brandeis University, Waltham, MA.
- Rogers, W. A. (2011, April). *Human factors and aging: Design of technology to support successful aging*. Aptima: Human Centered Engineering, Washington, DC.
- Rogers, W. A. (2011, April). *Understanding the potential for personal robots to support independent living for older adults*. Red River Undergraduate Psychology Conference, Concordia, MN.
- Rogers, W. A. (2011, March). *Human factors and aging research to support successful aging*. Red River Undergraduate Psychology Conference, Concordia, MN.
- Rogers, W. A., & Mitzner, T. L. (2010, December). *Design of technology to support healthy aging*. Humana Emerging Technology Day, Louisville, KY.
- Rogers, W. A. (2010, November). *Human-robot interaction: User-centered design of robots to support aging-in-place*. Joint meeting of the Usability Professionals Association and the Potomac Chapter of the Human Factors and Ergonomics Society, Washington, DC.
- Rogers, W. A. (2010, November). *Designing technologies to enable aging-in-place*. Furman University, Furman, SC.
- Rogers, W. A. (2010, August). *Supporting successful aging through scientific research on design and training*. U.S. Census Bureau, Washington, DC.
- McLaughlin, A. C., Rogers, W. A., & Fisk, A. D. (2010, April). Using direct and indirect input devices: Attention demands and age-related differences. *Computer-Human Interaction*, Atlanta, GA. (Invited as authors of TOCHI papers in 2009.)
- Rogers, W. A. (2009, November). *Designing technologies to enable aging-in-place*. Distinguished speaker series on Health-Assistive Smart Environments at Washington State University, Pullman, WA.
- Duncan, J., & Rogers, W. A. (2009, September). *University-industry collaborations advance innovation in complex product design*. Georgia Product Development and Management Association Summit, Atlanta, GA.
- Fisk, A. D., Caine, K., & Rogers, W. A. (2009, March). *Privacy and monitoring technologies: Views from research*. Presented at Aging in America the Annual Conference of the American Society on Aging and the National Council on Aging, Las Vegas, Nevada.
- Rogers, W. A. (2009, February). *Human factors and aging*. Design and Technology for Healthy Aging Meeting, Atlanta, GA.
- Rogers, W. A. (2008, October). *Aware Home technology to support aging in place*. Indiana University School of Informatics Colloquium Series, Bloomington, IN.
- Rogers, W. A. (2008, August). *The potential of Aware Home technology*. Kimberly-Clark Headquarters, Roswell, GA.
- Rogers, W. A. (2007, September). *Acceptance of technology by older adults*. Oticon Human Link Conference, Boston, MA.
- Ezer, N., Fisk, A. D., & Roger, W. A. (2007, September). *Training to collaborate in distributed environments: When humans and agents are teammates*. AFRL/HEA Conference on Continuous Learning in Collaborative Distributed Environments, Mesa, Arizona.
- Rogers, W. A. (2007, July). *Selection and design of input devices for automotive technologies*. General Motors Human Factors Speaker Series, Detroit, MI.
- Rogers, W. A. (2006, October). *Aware home technologies for older adults: Understanding acceptance and reliance issues*. Fall 2006 Distinguished Cognitive Science Colloquium,

- Mississippi State University, Starkville, MS.
- Rogers, W. A. (2006, October). *Supporting older adults' memory needs with aware home technology: Improving quality of life through science*. Community Presentation, Mississippi State University, Starkville, MS.
- Rogers, W. A. (2006, August). *Supporting aging-in-place in an aware home*. Presented at the American Psychological Association as the Division 21 President's Invited Lecture.
- Rogers, W. A. (2006, April). *Supporting aging-in-place in an aware home environment through engineering psychology*. UMass Dartmouth 3<sup>rd</sup> Annual Regional Undergraduate Psychology Conference, North Dartmouth, MA.
- Rogers, W. A. (2006, January). *Support for memory and aging in an aware home*. Presented at the Kennesaw State University Professional Gerontology Certificate Meeting, Kennesaw, GA.
- Rogers, W. A. (2005, October). *Smart house and aware home technologies*. Presented at the Scripps Gerontology Center Conference on Changing Spaces: New Models for Long-term Caring, Columbus, OH.
- Rogers, W. A. (2005, September). *Who knows about human factors and ergonomics? More people than you might think*. Presidential Address at the Human Factors and Ergonomics Society Annual Meeting, Orlando, FL.
- Rogers, W. A. (2005, May). *Human factors for the future home: Enabling functional independence of older adults*. Keynote speaker at the American Association of Technology in Psychiatry Conference, Atlanta, GA.
- Rogers, W. A. (2005, April). *Human factors for the future home: Enabling functional independence of older adults*. Keynote speaker at the Southeastern Undergraduate Psychology Research Conference, Huntsville, AL.
- Rogers, W. A. (2005, March). *Human factors and aging in an aware home*. Presented at the Virginia Tech Student Chapter of the Human Factors and Ergonomics Society, Blacksburg, VA.
- Rogers, W. A. (2005, February). *Current research on memory supports in an aware home*. Presented at the Consortium on Active Retirement and Aging (CARA). Center for Active Retirement Education, Kennesaw State University, Kennesaw, GA.
- Rogers, W. A. (2005, January). *Human factors and aging in an aware home*. Presented at the Georgia Mason University Student Chapter of the Human Factors and Ergonomics Society, Fairfax, VA.
- Rogers, W. A. (2005, January). *Supporting aging-in-place in an aware home environment*. Presented at the Ohio State University Institute for Ergonomics, Columbus, OH.
- Rogers, W. A. (2005, January). *Human factors and aging in an aware home*. Presented at the Ohio State University Student Chapter of the Human Factors and Ergonomics Society, Columbus, OH.
- Rogers, W. A. (2004, November). *Understanding the relationship between age, trust, and reliance on automated systems*. Presented at the University of Dayton HFES Student Chapter, Dayton, OH.
- Rogers, W. A. (2004, November). *Human factors and aging in an aware home*. Southern Ohio Chapter of the Human Factors and Ergonomics Society, Dayton, OH.
- Fisk, A. D., Rogers, W. A., Mynatt, E., Melenhorst, A. S. (2004, September). *The GT Aware Home: A computer science and human factors psychology success story*. Presented at the AARP "Aging By Design" Conference, Waltham, MA.
- Rogers, W. A. (2004, June). *Human factors at home: Supporting the functional independence of older adults*. Potomac Chapter of the Human Factors and Ergonomics Society,

- Washington, DC.
- Rogers, W. A. (2004, June). *The Aware Home Research Initiative at Georgia Tech: Supporting functional independence of older adults*. Georgia State University Gerontology Center Alumni Meeting, Atlanta, GA.
- Rogers, W. A. (2004, April). *Psychological science and intelligent home technology: Supporting functional independence of older adults*. The Shell Science Seminar at the National Science Teachers Association National Convention, Atlanta, GA.
- Rogers, W. A. (2003, November). *Human factors at home: Supporting the functional independence of older adults*. Keynote Address at the Student Conference Supported by the New England Chapter of the Human Factors and Ergonomics Society, Boston, MA.
- Rogers, W. A. (2003, November). *Center for Research and Education on Aging and Technology Enhancement (CREATE)*. Liberty Mutual Research Center, Hopkinton, MA.
- Rogers, W. A. (2003, March). *Psychology meets technology: Fulfilling the potential for technology to enhance the lives of older adults*. University of Montevallo, AL.
- Rogers, W. A. (2003, February). *Developing an "aware" home*. Collaborative Strategies Seminar Series sponsored by the Atlanta Regional Commission, Atlanta, GA.
- Rogers, W. A. (2003, February). *Human factors and aging: Supporting functional independence for older adults at home*. University of Texas, Austin, TX.
- Rogers, W. A. (2002, April). *How can technology contribute to the quality of life of older adults?* Conference on "The Technology of Humanity", sponsored by the Institute of Psychology, Illinois Institute of Technology, Chicago, IL.
- Rogers, W. A. (2002, April). *Cognition in the context of the home: Supporting functional independence for older adults*. The National Institute on Aging Workshop on Cognition in Context. Bethesda, MD
- Rogers, W. A. (2002, March). *Human factors contributions to technology design and training for older adults*. Center for Future Health, University of Rochester, Rochester, NY.
- Rogers, W. A. (2002, March). *Fulfilling the potential for technology to enhance the lives of older adults*. Invited Address at the Southeastern Psychological Association Meeting, Orlando.
- Fisk, A. D., Rogers, W. A., Sierra, E., & McLaughlin, A. C. (2002, February). *Facilitating users' cognitive knowledge: Matching instructional media to task demands*. CACHET Conference on Understanding your Doctor's Instructions, St. Petersburg, FL.
- Rogers, W. A., & Fisk, A. D. (2001, October). *User interface evaluation: Touchscreen versus rotary encoder*. Invited Address at the John Deere Visioning Conference, Moline, IL.
- Rogers, W. A., & Fisk, A. D. (2001, October). *Technology design, usability, and aging: Human factors considerations*. 15<sup>th</sup> Pennsylvania State University Gerontology Center Conference: "The Impact of Technology on Successful Aging", State College, PA.
- Rogers, W. A. (2001, September). *Human factors contributions to the design and training of technology for older adults*. Virginia Tech, Blacksburg, VA.
- Rogers, W. A., Pak, R., & Stronge, A. J. (2001, June). *The information super highway: Roadblocks and access roads for older adults*. Johns Hopkins University Symposium on Aging and Associated Disabilities in the Information Age, Baltimore, MD.
- Rogers, W. A. (2001, April). *The potential for technology to benefit the lives of older adults: Maintaining independence and connections*. Closing Keynote Address, Southern Gerontological Society, Lexington, KY.
- Rogers, W. A. (2000, November). *Human factors contributions to the design and training of home medical devices for older adults*. University of Michigan, Ann Arbor, MI.
- Rogers, W. A. (2000, November). *Design and training of home medical devices for older adults: Human factors contributions*. Xavier University, Cincinnati, OH.

- Rogers, W. A. (2000, April). *Enabling use of technology by older adults: Human factors contributions*. Southern Society for Philosophy and Psychology, Atlanta, GA.
- Rogers, W. A. (1999, November). *Assuring effective use of home medical devices by older adults: Human factors contributions*. Carolina Chapter of the Human Factors and Ergonomics Society, Raleigh, NC.
- Rogers, W. A. (1999, November). *What is human factors and ergonomics?* Methodist College Psi Chi Chapter, Fayetteville, NC.
- Rogers, W. A. (1999, October). *Human factors issues in technology use by older adults*. Georgia Gerontology Society, Young Harris, GA.
- Fisk, A. D. & Rogers, W. A. (1999, August). *Influence of training and experience on skill acquisition and maintenance in older adults*. Fifth World Congress on Physical Activity, Aging, and Sports, Orlando, FL.
- Rogers, W. A. (1999, May). *Training older adults to use communications technologies*. German American Academic Council Conference on Communication and Older Adults, Ann Arbor, MI.
- Rogers, W. A., Huff, M. M., Mead, S. E., & Lamson, N. (1999, March). *Human factors applications for technology use by older adults*. SPRY Foundation Conference on Older Adults, Health Information, and the World Wide Web, Bethesda, MD.
- Rogers, W. A. (1998, November). *Older adults and new technologies: Human Factors Applications*. University of Alabama, Tuscaloosa, AL.
- Rogers, W. A. (1998, October). *Overview, introduction, and practice-research bridge - President's Forum on Making Technology Accessible for Older Adults*. Human Factors and Ergonomics Society, Chicago, IL.
- Rogers, W. A. (1998, August). *Applied experimental psychology contributions to enabling technology use by older adults*. Combined Presidential and Alluisi Award Address, Annual Meeting of the American Psychological Association, San Francisco, CA.
- Huff, M. M., & Rogers, W. A. (1998, June). *An age-related view of computer literacy for African-Americans*. Memphis Research Symposium: Focus on Communication and Literacy in African Americans, Memphis, TN.
- Rogers, W. A. (1998, March). *Technology design and training: Applications of psychology*. University of Central Florida Student Chapter of the Human Factors and Ergonomics Society, Orlando, FL.
- Rogers, W. A., & Fisk, A. D. (1998, January). *Implications of human factors for an aging population*. Georgia Consortium on the Psychology of Aging, Athens, GA.
- Rogers, W. A. (1997, October). *Older adults and new technologies*. North Carolina State University Colloquium Series, Raleigh, NC.
- Rogers, W. A. (1997, April). *Predicting and influencing cognitive strategies in associative learning*. Georgia Consortium on the Psychology of Aging, Athens, GA.
- Rogers, W. A., Rousseau, G. K., & Lamson, N. (1997, February). *Maximizing the effectiveness of the warning process: Understanding the cognitive variables that interact with age*. Center for Applied Cognitive Research on Aging Conference on Aging and Medical Information Processing, Destin, FL.
- Rogers, W. A. (1996, May). *Older adults and new technologies: Automatic teller machines and online library catalogs*. Gerontology Student Symposium, Athens, GA.
- Rogers, W. A. (1996, April). *Attention overview paper*. Sixth Cognitive Aging Conference, Atlanta, GA.
- Rogers, W. A. (1996, March). *Individual differences and human factors: The importance of style, personality, and ability variables*. Midyear Meeting of Division 21 (Applied

- Experimental and Engineering Psychology) of the American Psychological Association, Washington, D. C.
- Rogers, W. A. (1995, February). *Age-related differences in long-term retention of skills*. Southeastern Center Conference on Aging and Skill, Destin, FL.
- Rogers, W. A. (1995, January). *Automatic teller machines: Who uses them and why doesn't everyone?* Georgia Consortium on the Psychology of Aging, Atlanta.
- Rogers, W. A. (1993, August). *Understanding skill acquisition through individual differences analysis: An age-related perspective*. Briggs Dissertation Award Address, American Psychological Association Annual Meeting, Toronto, Canada.
- Rogers, W. A. (1993, March). *Aging and learning*. American Psychological Association Third Annual Scientific Psychology Forum, Washington. D. C.
- Rogers, W. A. (1992, April). *Predicting skilled performance from cognitive and speed ability levels: Models of practice effects for young and old adults*. Richard M. Griffith Memorial Award Address, Annual Meeting of the Southern Society for Philosophy and Psychology, Memphis, TN.
- Fisk, A. D. & Rogers, W. A. (1991, October). *Toward effective skills training: Automaticity and more*. Training Effectiveness Conference, Michigan State University, East Lansing, MI.
- Fisk, A. D. & Rogers, W. A. (1991, March). *An age-related perspective on skill development*. Conference on Human Error, Institute for the Study of Human Capabilities, Bloomington, IN.
- Fisk, A. D. & Rogers, W. A. (1990, July). *An automatic component approach to real-time diagnosis of skill development*. Cognitive Skills Acquisition Workshop (C-SAW '90), sponsored by AFOSR/AFHRL, San Antonio, TX.
- Rogers, W. A. (1990, March). *Age-related information processing differences in search performance*. Sigma Phi Omega Student Convention for Gerontology and Geriatrics, Athens, GA.
- Rogers, W. A. (1988, July). *Age-related differences in perceptual learning: Strength differentiation of targets and distractors*. National Institute on Aging, Francis Scott Key Medical Center, Baltimore, MD.
- Fisk, A. D. & Rogers, W. A. (1987, November). *Associative and priority learning in memory and visual search: A theoretical view of age-dependent practice effects*. National Institute on Aging Working Conference on Aging and Attention, Bethesda, MD.

### **Conferences, Panels, and Symposia (organizer)**

- Remillard, E. T., & Rogers, W.A. (2019, November). *Technologies to Support Aging-in-Place for People with Long-Term Disabilities*. Gerontological Society of America, Austin, TX. Participants: Maurita Harris, Travis Kadylak, Travis Mitzner, Ben Thompson, with Michelle Putnam (Discussant)
- Rogers, W.A. (2019, March). *Challenges confronting older adults in today's healthcare landscape: Design guidance from CREATE*. International Symposium on Human Factors and Ergonomics in Health Care, Chicago, IL. Participants: Walter Boot, Neil Charness, Sara Czaja
- Rogers, W. A. (2018, May). *Design of technologies to support successful aging with disability*. International Society for Gerontechnology, St. Petersburg, FL. Participants: Maribeth Gandy, Maurita Harris, Claudia Rebola, Jon Sanford
- Rogers, W. A. (2017, July). *Design of technologies to support successful aging with disability*. International Association of Gerontology and Geriatrics/Gerontological Society of

- America, San Francisco, CA.
- Participants: Brad Fain, Maribeth Gandy, Elena Gonzalez, Claudia Rebola, Jon Sanford
- Rogers, W.A. (2017, March). *Design for older adult consumers of health IT: Best practice guidance from CREATE*. International Symposium on Human Factors and Ergonomics in Health Care, New Orleans, LA.
- Participants: Walter Boot, Neil Charness, Sara Czaja
- Rogers, W. A. (2016, November). *A spotlight on technologies for individuals aging with a mobility impairment*. Gerontological Society of America, New Orleans, LA.
- Participants: Elena Gonzalez, Ted Johnson, Tracy Mitzner, Jon Sanford
- Discussant: Alex Mihailidis.
- Rogers, W. A. (2015, April). *Designing interventions for successful aging: Findings from CREATE*. International Association of Gerontology and Geriatrics European Region Congress, Dublin, Ireland.
- Participants: Walter Boot, Neil Charness, Sara Czaja, Wendy Rogers
- Rogers, W. A., McBride, S. E., Fisk, A. D., Duncan, J., & Hoffman, J. (2011, November). *Automation and human performance research summit*. Sponsored by Deere & Company, Moline, IL.
- Participants: Missy Cummings, Frank Durso, Alex Kirlik, John Lee, Kathy Mosier, Raja Parasuraman, Nadine Sarter, Tom Sheridan, & Chris Wickens.
- Rogers, W. A. (2010, September). *Facilitating university-industry collaborations in human factors and ergonomics*. Human Factors & Ergonomics Society Annual Meeting, San Francisco, CA.
- Participants: Barry Beith, Jerry Duncan, Mica Endsley, Peter Hancock
- Rogers, W. A. (2009, November). *Human computer interaction issues for older adults*. Gerontological Society of America Annual Meeting, Atlanta, GA.
- Participants: Neil Charness, Sara Czaja, Jenay Beer, Marita O'Brien
- Discussant: Elizabeth Mynatt
- Rogers, W. A. (2009, August). *Health at home: Findings from the CREATE center*. American Psychological Association Annual Meeting, Toronto, ON, Canada.
- Participants: Neil Charness, Sara Czaja, Tracy Mitzner, Katherine Olson
- Rogers, W. A. (2008, August). *Engineering psychology at the Georgia Institute of Technology*. American Psychological Association Annual Meeting, Boston, MA.
- Participants: Elsa Eiriksdottir, Cara Fausset, Ken Hailston, C. J. Hutto, Nick Kelling, Andrew Mayer, Ray Stanley
- Discussant: Arthur D. Fisk
- Rogers, W. A. (2007, May). *Design of home healthcare technologies for older adults*. Living rooms: Human factors and industrial design contributions to the home as a health care venue, Washington, DC.
- Participants: Arthur D. Fisk, Jay Lundell, John Peifer
- Rogers, W. A. (2006, August). *Issues of technology acceptance by older adults: Findings from CREATE*. American Psychological Association, New Orleans, LA.
- Participants: Tracy Mitzner, Neil Charness, Sara Czaja, Arthur D. Fisk
- Discussant: Frank Durso
- Rogers, W. A., Fisk, A. D., Charness, N., Czaja, S. J., Dijkstra, K., & Sharit, J. (2006, April). *CREATE Healthcare Summit*, Atlanta, GA.
- Charness, N., Czaja, S., Fisk, A. D., & Rogers, W. A. (2002, November). *Fourth International Congress on Gerontechnology—Creative Use of Technology for Better Aging*, Miami, FL.
- Rogers, W. A. (2001, August). *Older adults and new technologies: Psychological research*



- initiatives*. American Psychological Association, San Francisco, CA.  
Participants: Sara Czaja, Tim Nichols, Neil Charness, Joseph Sharit  
Discussant: Bill Howell.
- Rogers, W. A., & Fisk, A. D. (2000, February). *Center for Applied Cognitive Research on Aging Conference on Human Factors Interventions - Health Care of Older Adults*, Destin, FL.  
Participants: Barry Beith, Neil Charness, Sara Czaja, Daryle Gardner-Bonneau, Alex Kirlik, Art Kramer, Dan Morrow, Denise Park, Constance Qualls, Tom Sheridan, Richard Schulz, Andy Smith, Max Vercruyssen, Neff Walker, Pamela Whitten
- Rogers, W. A. (1996, August,). *Applied experimental research in gerontology*. American Psychological Association, Toronto, Canada.  
Participants: Karlene Ball, Sara Czaja, Jared Jobe, Roger Morrell.
- Rogers, W. A. (1995, August). *Cognition and Aging*. American Psychological Association, New York, NY.  
Participants: Rob Barr, Arthur D. Fisk, Arthur Kramer, Leah Light, and Timothy A. Salthouse.
- Rogers, W. A., Fisk, A. D., & Walker, N. (1995, February). *Southeastern Center Conference on Aging and Skill Acquisition*, Destin, FL.  
Participants: Phillip L. Ackerman, Neil Charness, Fergus I. M. Craik, Sara J. Czaja, Mark Detweiler, Donald L. Fisher, Arthur D. Fisk, Richard Jagacinski, Arthur F. Kramer, David E. Meyer, Roger W. Morrell, Raja Parasuraman, Wendy A. Rogers, Neff Walker.
- Rogers, W. A. (1994, August). *Applied Cognitive Aging Research*. American Psychological Association, Los Angeles, CA.  
Participants: Robin Barr, Arthur D. Fisk, Roger W. Morrell, Denise C. Park, Wendy A. Rogers, Neff Walker.

### Conference Presentations

- Ramadhani, W. A. & Rogers, W. A. (Accepted). *Home accessibility of older adults aging with mobility disability: A mixed-methods study*. International Association of People-environment Studies 2020 Conference. Quebec City, Canada. <https://www.iaps2020.com/>
- Ramadhani, W. A., & Rogers, W. A. (2020, May). *Keeping up with housekeeping and maintenance: Challenges to age in place among older adults with a long-term mobility disability*. Health in Buildings Roundtable 2020 Conference, Bethesda, MD.  
<https://hibr.nih.gov/conference/cancelled-2020-hibr-conference> (Conference canceled)
- Lydon, E., Harris, M., Mudar, R., & Rogers, W. A. (2020, October). *Understanding everyday needs of older adults with cognitive impairments: Insights from subject matter experts*. 97<sup>th</sup> Annual Conference of the American Congress of Rehabilitation Medicine, Atlanta, GA (conference held virtually).
- Kadylak, T., Bayles, M. A., Rhee, D., Rogers, W. A. (2020, October). *Considerations for designing robots for older adults*. 12th World Conference of Gerontechnology, Trondheim, Norway. (conference held virtually).
- Nie, Q., Nguyen, L. T., Lydon, E., Myers, D., Gibson, A., Kerssens, C., Mudar, R. A., & Rogers, W. A. (2020, October). *Designing video chat for social engagement in older adults with and without mild cognitive impairment*. 12th World Conference of Gerontechnology, Trondheim, Norway (conference held virtually).
- Nie, Q., Remillard, E. T., & Rogers, W. A. (2020, October). *Understanding healthcare challenges and needs for older adults with and without mobility and sensory disabilities*

- 12th World Conference of Gerontechnology, Trondheim, Norway (conference held virtually).
- Ramadhani, W. A., Harris, M. T., & Rogers, W. A. (2020, October). *Aging in place: Perspectives across time and disciplines*. 12th World Conference of Gerontechnology, Trondheim, Norway (conference held virtually).
- Kadylak, T., Blocker, K. A., Koon, L. M., Gowrishankar, S., Ramadhani, W. A., Khaleghi, R., Kovac, C., Sreenivas, R. S., & Rogers, W. A. (2020, September). *Developing a suite of voice activated digital home assistant health applications and instructional materials for older adults with mobility disability*. Presented at the Rehabilitation Engineering and Assistive Technology Society of North America (RESNA) 2020 Virtual Conference. Arlington, Virginia.
- Cohen, J. D., Rogers, W. A., Petruzzello, S. J., Trinh, L., & Mullen, S. P. (2020, April). *Feasibility and efficacy of aerobic and relaxation training for improving fatigue in breast cancer survivors following chemotherapy: A pilot randomized controlled trial*. 41st Annual Meeting of the Society for Behavioral Medicine, San Francisco, CA. (Conference canceled)
- Cohen, J. D., Rogers, W. A., Petruzzello, S. J., Trinh, L., & Mullen, S. P. (2020, March). *Effects of relaxation training and aerobic cycling on executive functioning among breast cancer survivors*. Paper presented at the 44th annual meeting of the American Society of Preventive Oncology. (Conference held virtually)
- Harris, M. T., Koon, L. M., Remillard, E. T., & Rogers, W. A. (2019, November). *Identifying community participation challenges for adults aging with mobility and vision disabilities*. Gerontological Society of America Annual Meeting, Austin, TX.
- Kadylak, T., Koon, L.M., Blocker, K. A., & Rogers, W. A. (2019, November). *Voice-activated digital assistants: perceptions from novice users with long-term mobility disability*. Gerontological Society of America Annual Meeting, Austin, TX.
- Blocker, K. A., Koon, L.M., Kadylak, T., Ramadhani, W. A., Khaleghi, R., Kovac, C., Sreenivas, R. S., & Rogers, W. A. (2019, November). *Smart home technology for older adults with mobility disabilities: potential and challenges*. Gerontological Society of America Annual Meeting, Austin, TX.
- Nguyen, L., Nie, Q., Lydon, E., Myers, D., Gibson, A., Kerssens, C., Mudar, R., & Rogers, W. A. (2019, November). *Exploring video chat for social engagement in older adults with and without cognitive impairment*. Gerontological Society of America Annual Meeting, Austin, TX.
- Rogers, W. A., & Bayles, M. (2019, November). *Design and use of robots to assist older adults with healthcare tasks*. Gerontological Society of America Annual Meeting, Austin, TX.
- Rogers, W. A. (2019, November). *Technology design to support social engagement for older adults*. Gerontological Society of America Annual Meeting, Austin, TX.
- Nie, Q., & Rogers, W. A. (2019, November). *Understanding needs and challenges of health self-management activities for older adults with mobility limitations*. Gerontological Society of America Annual Meeting, Austin, TX.
- Harris, M. T., & Rogers, W. A. (2019, November). *Understanding acceptance of healthcare technology by older adults: Implications for adoption*. Gerontological Society of America Annual Meeting, Austin, TX.
- McGlynn, S. A., Rogers, W. A. (August 2019). *Investigating age-related differences in spatial presence in virtual reality*. American Psychological Association, Chicago, IL.
- Rogers, W. A. (August 2019). *Maximizing success of technology interventions: The importance*

- of training and instructional support.* American Psychological Association, Chicago, IL.
- Mois, G., Mackin, T., Datta, A., Koon, L., Rogers, W. A., Mitzner, T. L., & Beer, J. M. (July 2019). *The feasibility of a Tai Chi tele-exercise intervention for persons aging with mobility impairment.* Georgia Gerontology Society Annual Conference. Greensboro, GA.
- Rogers, W. A. (June 2019). *Maximizing success of technology interventions: The importance of training and instructional support.* International Association of Gerontology & Geriatrics, Gothenburg, Sweden.
- Rogers, W. A., Sanford, J. A., Mitzner, T.L., & Remillard, E. T. (June 2019). *Rehabilitation Engineering Research Center on Technologies to Support Aging-in-Place for People with Long-Term Disabilities.* International Association of Gerontology & Geriatrics, Gothenburg, Sweden.
- Komsky, J., Adams, A., A., Kumar, R., Berry, C., Childs, D., Pompilio, D., Pierotti, D., & Rogers, W.A. (April 2019). *Building care relationships using technology: Behavioral technology adoption by older adults and their caregivers.* Presented at The Southern Gerontological Society, Miramar Beach, Florida.
- Blocker, K., Koon, L., McGlynn, S., & Rogers, W.A. (March 2019). *The potential of digital assistants to support health self-management for older adults.* International Symposium on Human Factors and Ergonomics in Health Care, Chicago, IL.
- Harris, M., Remillard, E., Koon, L., Mitzner, T., & Rogers, W.A. (March 2019). *Understanding health technology use challenges for older adults with mobility or visual impairments.* International Symposium on Human Factors and Ergonomics in Health Care, Chicago, IL.
- Koon, L., Mitzner, T., Harris, M., & Rogers, W.A. (March 2019). *Aging, disability, and needs for physical activity interventions.* International Symposium on Human Factors and Ergonomics in Health Care, Chicago, IL.
- McGlynn, S., Rhee, D., & Rogers, W. A. (March 2019). *Virtual reality applications in healthcare: Understanding the role of spatial presence formation and maintenance.* International Symposium on Human Factors and Ergonomics in Health Care, Chicago, IL.
- Mitzner, T., Remillard, E., Koon, L., Mackin, T., Beer, J., Rogers, W. A. (March 2019). *The Potential of tele-technology for delivering wellness interventions to adults aging with mobility impairments.* International Symposium on Human Factors and Ergonomics in Health Care, Chicago, IL.
- Nie, Q., Nguyen, L., Myers, D., Gibson, A., Kerssens, C., Mudar, R., & Rogers, W. A. (March 2019). *Evaluating a technology support system for social engagement for older adults with and without cognitive impairment.* International Symposium on Human Factors and Ergonomics in Health Care, Chicago, IL.
- Berdychevsky, L., Nimrod, G., & Rogers, W. A. (February 2019). *'Don't stop living before you stop living!' Sex as leisure in older adulthood.* Presented at The Academy of Leisure Sciences Annual Conference on Research and Teaching, Greenville, SC.
- Boot, W. R., Charness, N., Czaja, S. J., Rogers, W. A., & Sharit, J. (2018, November). *Aging and leisure activities: Opportunities and design challenges.* Gerontological Society of America 71st Annual Meeting, Boston, MA.
- Czaja, S. J., Boot, W. R., Charness, N., Rogers, W. A., & Sharit, J. (2018, November). *Technology and older adults: Opportunities and design challenges.* Gerontological Society of America 71<sup>st</sup> Annual Meeting, Boston, MA.

- Mitzner, T., Hartley, J. Q., McGlynn, S. A., Stuck, R. E., & Rogers, W. A. (2018, November). *Designing televideo exercise classes for people aging with mobility impairments: Exercise instructors' insights*. Gerontological Society of America 71<sup>st</sup> Annual Meeting, Boston, MA.
- Remillard, E., Griffiths, P., Mitzner, T. L., Sanford, J. A., & Rogers, W. A. (2018, November). *TechSage Minimum Battery*. Gerontological Society of America 71<sup>st</sup> Annual Meeting, Boston, MA.
- Rogers, W. A., Harris, M. T., Czaja, S. J., Boot, W. R., & Charness, N. (2018, November). *Technology to support aging in place*. Gerontological Society of America 71<sup>st</sup> Annual Meeting, Boston, MA.
- Rogers, W. A., Koon, L. M., Hartley, J. Q., Mitzner, T. L., Harris, M. T., Remillard, E. T., & Singleton, J. L. (2018, November). *Aging concerns, challenges, and everyday solution strategies for individuals with disabilities*. Gerontological Society of America 71<sup>st</sup> Annual Meeting, Boston, MA.
- Sharit, J., Boot, W. R., Charness, N., Czaja, S. J., & Rogers, W. A. (2018, November). The benefits and challenges of technology for older workers. Gerontological Society of America 71<sup>st</sup> Annual Meeting, Boston, MA.
- Koon, L. M., Harris, M. T., & Rogers, W. A. (2018, June). *Understanding exercise challenges and solutions for older adults aging with a mobility impairment*. Presented at the North American Society for the Psychology of Sport and Physical Activity (NASPSPA), Denver, CO.
- McGlynn, S., Koon, L., Blocker, K., Shishegar, N., & Rogers, W. A. (2018, April). *Investigating the potential of digital home assistants to promote physical activity and social engagement for older adults*. Presented at the Cognitive Aging Conference, Atlanta, GA.
- McGlynn, S. A., & Rogers, W. A. (2017, August). *Towards a psychological model of presence in virtual environments*. American Psychological Association, Washington, DC.
- Rogers, W. A., & Fisk, A. D. (2017, August). *CREATE at Georgia Tech*. American Psychological Association, Washington, DC.
- Boot, W. R., Roque, N., Charness, N., Rogers, W. A., Mitzner, T.L., Czaja, C. J., & Sharit, J. (2017, July). *Older adult technology proficiency and technology adoption*. Gerontological Society of America 70<sup>th</sup> Annual Meeting/IAGG World Congress, San Francisco, CA.
- Czaja, C. J., Boot, W. R., Charness, N., Rogers, W. A., & Sharit, J. (2017, July). *The role of technology in supporting social engagement and social support among older adults*. Gerontological Society of America 70<sup>th</sup> Annual Meeting/IAGG World Congress, San Francisco, CA.
- Rogers, W. A., Mitzner, T.L., Boot, W. R., Charness, N., Czaja, C. J., & Sharit, J. (2017, July). *Understanding individual and age-related differences in technology adoption*. Gerontological Society of America 70<sup>th</sup> Annual Meeting/IAGG World Congress, San Francisco, CA.
- Gonzalez, E., Mitzner, T.L., Singleton, J., and Rogers, W. A. (2017, July). *Aging Concerns, Challenges, & Everyday Solution Strategies (ACCESS) of individuals with impairments*. Gerontological Society of America 70<sup>th</sup> Annual Meeting/IAGG World Congress, San Francisco, CA.
- McGlynn, S. A., & Rogers, W. A. (March 2017). *Considerations for presence in teleoperation*. Human-Robot Interaction Conference, Vienna, Austria.
- Stuck, R. E., Hartley, R. E., Mitzner, T. L., Beer, J. M., & Rogers, W. A. (March 2017). *Understanding attitudes of adults aging with mobility impairments toward telepresence*

- robots*. Human-Robot Interaction Conference, Vienna, Austria.
- Barg-Walkow, L. H., & Rogers, W. A., (March 2017). *Strategies for multiple task coordination in emergency departments*. HFES 2017 International Symposium on Human Factors and Ergonomics in Health Care, New Orleans, LA.
- Harris, M. T., & Rogers, W. A., (March 2017). *The value of smart home laboratories to support older adults' home health-care needs*. HFES 2017 International Symposium on Human Factors and Ergonomics in Health Care, New Orleans, LA.
- Bixter, M.T., Prakash, A., Blocker, K.A., Mitzner, T., & Rogers, W. A. (2016, November). *A qualitative analysis of the adoption and use of social communication technologies by older adults*. Gerontological Society of America 69<sup>th</sup> Annual Meeting, New Orleans, LA.
- Blocker, K.A., Insel, K., Koerner, K.M., & Rogers, W. A. (2016, November). *Understanding the medication adherence strategies of older adults with hypertension*. Gerontological Society of America 69<sup>th</sup> Annual Meeting, New Orleans, LA.
- Boot, W., Charness, N., Rogers, W. A., Czaja, S., & Sharit, J. (2016, November). *Leisure and the PRISM system: What differentiates gamers from non-gamers in the PRISM sample?* Gerontological Society of America 69<sup>th</sup> Annual Meeting, New Orleans, LA.
- Charness, N., Yoon, J.S., Boot, W., Czaja, S., Sharit, J., Rogers, W. A., & Mitzner, T. (2016, November). *Depression as a predictor of memory complaints in the PRISM sample*. Gerontological Society of America 69<sup>th</sup> Annual Meeting, New Orleans, LA.
- Chong, A.W., Bixter, M.T., & Rogers, W. A. (2016, November). *Age-related differences in medication risk taking and susceptibility to social influence*. Gerontological Society of America 69<sup>th</sup> Annual Meeting, New Orleans, LA.
- Czaja, S., Sharit, J., Lee, C.C., Rogers, W. A., Mitzner, T., Charness, N., & Boot, W. (2016, November). *Why do older adults at risk for isolation value a computer system: Findings from the PRISM trial*. Gerontological Society of America 69<sup>th</sup> Annual Meeting, New Orleans, LA.
- Gonzalez, E., Singleton, J.L., Mitzner, T., & Rogers, W. A. (2016, November). *Everyday technology use among Deaf older adults*. Gerontological Society of America 69<sup>th</sup> Annual Meeting, New Orleans, LA.
- Mitzner, T., Hartley, J., Stuck, R., Chan, L., Beer, J., & Rogers, W. A. (2016, November). *Being there: Attitudes about televideo technology for adults aging with a mobility impairment*. Gerontological Society of America 69<sup>th</sup> Annual Meeting, New Orleans, LA.
- Preusse, K., Gonzalez, E., Singleton, J.L., Mitzner, T., & Rogers, W. A. (2016, November). *Aging with impairment: Needs assessment insights from subject matter experts*. Gerontological Society of America 69<sup>th</sup> Annual Meeting, New Orleans, LA.
- Rogers, W. A., Mitzner, T., Savla, J., Czaja, S., Charness, N., Boot, W., & Sharit, J. (2016, November). *Predictors of long-term PRISM use*. Gerontological Society of America 69<sup>th</sup> Annual Meeting, New Orleans, LA.
- Sharit, J., Czaja, S., Charness, N., Boot, W., Rogers, W. A., & Mitzner, T. (2016, November). *Contrasting highest and lowest users of the PRISM system*. Gerontological Society of America 69<sup>th</sup> Annual Meeting, New Orleans, LA.
- Stuck, R., Chong, A., Mitzner, T., & Rogers, W. A. (2016, November). *Human factors analysis of medication management apps*. Gerontological Society of America 69<sup>th</sup> Annual Meeting, New Orleans, LA.
- McGlynn, S. A., Geiskkovitch, D., Mitzner, T. L., & Rogers, W. A. (September, 2016). PARO's stress-reduction potential for older adults. *Human Factors and Ergonomics Society 59<sup>th</sup> Annual Meeting*, Washington, DC.

- Preusse, K. C., & Rogers, W. A. (September, 2016). Error interpretation during everyday automation use. *Human Factors and Ergonomics Society 59<sup>th</sup> Annual Meeting*, Washington, DC.
- Mitzner, T. L., Stuck, R. E., Hartley, J. Q., Chan, L., Beer, J. M., & Rogers, W. A. (2016, September). *Televideo technology: Benefits and barriers perceived by older adults with a mobility impairment*. International Society for Gerontechnology, Nice, France.
- Rogers, W. A., Mitzner, T. L., Savla, J., Czaja, S. J., Charness, N., Boot, W., & Sharit, J. (2016, September). *Technology acceptance over time for PRISM users*. International Society for Gerontechnology, Nice, France.
- Hartley, J. Q., Matalenas, L., Mitzner, T.L., & Rogers, W. A. (2016, August). *Kinect games for older adults: Understanding usability challenges*. Georgia Gerontology Society Annual Conference, Jekyll Island, GA.
- McGlynn, S. A., & Rogers, W. A. (2016, August). *Investigating daily predictors of emotion level and variation in older adulthood*. Georgia Gerontology Society Annual Conference, Jekyll Island, GA.
- Preusse, K. C., Gonzalez, E. T., Mitzner, T. L., Singleton J. L., & Rogers, W. A. (2016, April). *Older adults with visual impairments: Potential barriers to social connectedness*. Cognitive Aging Conference, Atlanta, GA.
- McGlynn, S. A., & Rogers, W. A. (2016, April). *Understanding intraindividual variability in positive and negative affect in older adults*. Cognitive Aging Conference, Atlanta, GA.
- Bixter, M. T., Prakash, A., Blocker, K. A., Mitzner, T. L., & Rogers, W. A. (2016, April). *Designing social networking applications for older adults: Insights from current users and non-users*. Cognitive Aging Conference, Atlanta, GA.
- Geiskkovitch, D., Y., McGlynn, S. A., Mitzner, T. L., & Rogers, W. A. (2016, April). *Using the PARO robot to reduce stress in older adults during a cognitively demanding task*. Cognitive Aging Conference, Atlanta, GA.
- Rogers, W. A., Harrington, C. N., Barg-Walkow, L. H., Hartley, J. Q., & Mitzner, T. L. (2015, November). *Designing a quick start guide for Kinect game use by older adults*. Gerontological Society of America 68<sup>th</sup> Annual Meeting, Orlando, FL.
- Gonzalez, E., Sanford, J. A., Rogers, W. A., & Mitzner, T. L. (2015, November). *Re-conceptualizing the impact of aging on disability: Implications for technology interventions*. Gerontological Society of America 68<sup>th</sup> Annual Meeting, Orlando, FL.
- Rogers, W.A., Singleton, J., Mitzner, T. L., Gonzalez, E., & Preusse, K. C. (2015, October). *Needs assessment for individuals aging with impairment*. Human Factors and Ergonomics Society Europe Chapter. Groningen, The Netherlands.
- Harrington, C. N., Mitzner, T.L., & Rogers, W.A. (2015, October). *Identifying the gaps in available assistive technologies to support healthy aging*. Human Factors and Ergonomics Society Europe Chapter. Groningen, The Netherlands.
- McGlynn, S. A., Geiskkovitch, D., Mitzner, T.L., & Rogers, W.A. (2015, October). *Understanding the potential of the PARO robot as a stress reduction tool for older adults*. Human Factors and Ergonomics Society Europe Chapter. Groningen, The Netherlands.
- Rogers, W. A., & Mitzner, T.L. (2015, August). *Technologies to support successful aging with disabilities: A framework for design*. American Psychological Association, Toronto, Canada.
- Rogers, W. A., & Mitzner, T.L. (2015, August). *Understanding the potential and challenges of designing robots for older adults*. American Psychological Association, Toronto, Canada.



- Rogers, W. A., Mitzner, T.L., Hartley, J. Q., & Harrington, C. N. (2015, April). *Identifying the potential of exergame interventions: An analysis of use challenges for novice older adults*. International Association of Gerontology and Geriatrics European Region Congress, Dublin, Ireland.
- Beer, J. M., & Rogers, W. A. (2014, November). *Perceptions of usefulness for robot assistance: Differences between older adults with and without mobility loss*. Gerontological Society of America 67<sup>th</sup> Annual Meeting, Washington, DC.
- Harrington, C. N., Mitzner, T. L., & Rogers, W. A. (2014, November). *Understanding everyday task challenges for older adults with and without disabilities*. Gerontological Society of America 67<sup>th</sup> Annual Meeting, Washington, DC.
- Kerssens, C., Kumar, R., Adams, A., Matalenas, L., Knott, C., Sanford, J. A., & Rogers, W. A. (2014, November). *Tablet use and adoption by cognitively-impaired seniors: A longitudinal in-home assistive technology study*. Gerontological Society of America 67<sup>th</sup> Annual Meeting, Washington, DC.
- Rogers, W. A., Marinelli, E., Cha, G., Hartley, J., & Mitzner, T. L. (2014, November). *Kinect games for older adults: Understanding usability challenges*. Gerontological Society of America 67<sup>th</sup> Annual Meeting, Washington, DC.
- Rogers, W. A., Mitzner, T. L., Czaja, S. J., Charness, N., Boot, W., & Sharit, J. (2014, November). *Testing technology acceptance models for PRISM users*. Gerontological Society of America 67<sup>th</sup> Annual Meeting, Washington, DC.
- Rogers, W. A., Singleton, J., Mitzner, T.L., & Chen, E. (2014, November). *Experiences with technology by older adults in the deaf community*. Gerontological Society of America 67<sup>th</sup> Annual Meeting, Washington, DC.
- Barg-Walkow, L. H., & Rogers, W. A. (October, 2014). Introducing an automated system: Effects on perception and use of the system. *Human Factors and Ergonomics Society 58<sup>th</sup> Annual Meeting*, Chicago, IL.
- Bowman, S. E., & Rogers, W. A. (October, 2014). *Understanding contextual decision making by assisted living caregivers: Implications for training and design supports*. Human Factors and Ergonomics Society 58<sup>th</sup> Annual Meeting, Chicago, IL.
- McGlynn, S., Kemple, S., K., Mitzner, T. L., King, A.-C., & Rogers, W. A. (October, 2014). *Understanding older adults' perceptions of usefulness for the Paro robot*. Human Factors and Ergonomics Society 58<sup>th</sup> Annual Meeting, Chicago, IL. Santa Monica, CA: Human Factors and Ergonomics Society.
- Marinelli, E. C., & Rogers, W. A. (October, 2014). *Identifying potential usability for XBOX 360 Kinect Exergames for older adults*. Human Factors and Ergonomics Society 58<sup>th</sup> Annual Meeting, Chicago, IL.
- Prakash, A., Mostafa, A., Mitchell, D.B., & Rogers, W. A. (October, 2014). *Understanding older adults' health and social memory needs in the home*. Human Factors and Ergonomics Society 58<sup>th</sup> Annual Meeting, Chicago, IL.
- Preusse, K., Mitzner, T. L., Fausset, C., & Rogers, W. A. (October, 2014). *Older adults' changes in intention to adopt wellness management technologies*. Human Factors and Ergonomics Society 58<sup>th</sup> Annual Meeting, Chicago, IL.
- Smarr, C-A., Long, S., Prakash, A., Mitzner, T. L., & Rogers, W. A. (2014). *Understanding younger and older adults' needs for home organization support*. Human Factors and Ergonomics Society 58<sup>th</sup> Annual Meeting, Chicago, IL.
- Singleton, J.L., Mitzner, T.L., & Rogers, W.A. (June, 2014). *Research on technologies to support successful aging with disability*. Effective Access Technology Conference, Rochester, NY.

- Rogers, W. A., Mitzner, T. L., Fisk, A. D., Boot, W., Charness, N., Czaja, C. J., & Sharit, J. (2014, June). *PRISM development: Iterative design using human factors tools*. International Society for Gerontechnology, Taipei, Taiwan.
- Rogers, W. A., Mitzner, T. L., & Sanford, J. A. (2014, June). *A research framework to guide design of technologies for successful aging with disabilities*. International Society for Gerontechnology, Taipei, Taiwan.
- Barg-Walkow, L. H., McBride, S. E., Morgan, M. J., Mitzner, T. L., Clark, E. N., Bauer, D. T., Knott, C. C., & Rogers, W. A. (2014, April). *A system for tracking and managing older adults' osteoarthritis pain*. Cognitive Aging Conference, Atlanta, GA.
- Bobby, S. H., Beer, J. M., Fisk, A. D., & Rogers, W. A. (2014, April). *Older adults' perceived usefulness of in-home robots*. Cognitive Aging Conference, Atlanta, GA.
- Kerssens, C., Kumar, R., Matalenas, L., Knott, C. C., Sanford, J., & Rogers, W. A. (2014, April). *Personalized assistive technology to support older adults with dementia living at home*. Cognitive Aging Conference, Atlanta, GA.
- Long, S. K., Prakash, A., Smarr, C.-A., Mitzner, T. L., & Rogers, W. A. (2014, April). *Understanding older adults' satisfaction and challenges with home organization*. Cognitive Aging Conference, Atlanta, GA.
- McGlynn, S., Mitzner, T. L., & Rogers, W. A. (2014, April). *Investigating subjective well-being as an indicator of physical health in older adults*. Cognitive Aging Conference, Atlanta, GA.
- Prakash, A., Mostafa, A., Morgan, M. J., Mitchell, D. B., & Rogers, W. A. (2014, April). *Understanding the influence of memory challenges on social and interpersonal activities*. Cognitive Aging Conference, Atlanta, GA.
- Preusse, K. C., Mitzner, T. L., Fausset, C. B., & Rogers, W. A. (2014, April). *Potential barriers and facilitators for adoption of wellness management technologies for older adults*. Cognitive Aging Conference, Atlanta, GA.
- Preusse, K., Mitzner, T. L., Fausset, C., & Rogers, W. A. (2014, March). *Activity monitoring technologies and older adults: Heuristic analysis and usability assessment*. International Symposium on Human Factors and Ergonomics in Health Care: Leading the Way, Chicago, IL.
- Barg-Walkow, L., McBride, S. E., Morgan, M.J., Jr., Mitzner, T. L., Clarke, E., Bauer, D. Knott, C., & Rogers, W. A. (2014, March). *Efficacy of a system for tracking and managing osteoarthritis pain for both health care providers and older adults*. International Symposium on Human Factors and Ergonomics in Health Care: Leading the Way, Chicago, IL.
- Prakash, A., Kemp, C. C., & Rogers, W. A. (2014, March). *Older adults' reactions to a robot's appearance in the context of home use*. ACM/IEEE International Conference on Human-Robot Interaction, Bielefeld, Germany.
- McGlynn, S., Snook, B., Kemple, S., Mitzner, T.L. & Rogers, W. A. (2014, March). *Therapeutic robots for older adults: Investigating the potential of Paro*. ACM/IEEE International Conference on Human-Robot Interaction, Bielefeld, Germany.
- Rogers, W. A., Mitzner, T. L., Boot, W., Charness, N., Czaja, S. J., Fisk, A.D., & Sharit, J. (2013, November). *Predicting technology acceptance through individual differences and perceptions of usefulness and ease of use*. Gerontological Society of America 66<sup>th</sup> Annual Meeting, New Orleans, LA.
- Tiberio, L. Mitzner, T. L., Kemp, C. C., & Rogers, W. A. (2013, November). *What do healthcare providers want a personal robot to do in their work setting?* Gerontological Society of America 66<sup>th</sup> Annual Meeting, New Orleans, LA.



- Barg-Walkow, L. H., McBride, S. E., Morgan, M. J., Mitzner, T. L., Knott, C. C., & Rogers, W. A. (2013). *How do older adults manage osteoarthritis pain? The need for a person-centered disease model*. Human Factors and Ergonomics Society 57th Annual Meeting, San Diego, CA.
- Fausset, C. B., Mitzner, T. L., Price, C. E., Jones, B. D., W. B. Fain, & Rogers, W. A. (2013). *Older adults' use of and attitudes toward activity monitoring technologies*. Human Factors and Ergonomics Society 57th Annual Meeting, San Diego, CA.
- Prakash, A., & Rogers, W. A. (2013). *Younger and older adults' attitudes toward robot faces: Effects of task and humanoid appearance*. Human Factors and Ergonomics Society 57th Annual Meeting, San Diego, CA.
- Tiberio, L., Mitzner, T. L., Kemp, C. C., & Rogers, W. A. (2013, April). *Investigating healthcare providers' acceptance of personal robots for assisting with daily caregiving tasks?* ACM SIGCHI Conference on Human Factors in Computing Systems, Paris, France.
- Barg-Walkow, L. H., McBride, S. E., Beer, J. M., Mitzner, T. L., & Rogers, W. A. (2013, March). *Understanding home healthcare providers' challenges in providing task education*. International Symposium on Human Factors and Ergonomics in Health Care: Advancing the Cause, Baltimore, MD.
- McBride, S. E., & Rogers, W. A. (2013, March). *Optimizing resident care in assisted living communities: The role of worker knowledge and reporting practices*. International Symposium on Human Factors and Ergonomics in Health Care: Advancing the Cause, Baltimore, MD.
- Mitzner, T. L., Beer, J. M., McBride, S. E., & Rogers, W. A. (2013, March). *From the front lines of home health care: Potential solutions to provider challenges*. International Symposium on Human Factors and Ergonomics in Health Care: Advancing the Cause, Baltimore, MD.
- Beer, J. M., Fisk, A. D., & Rogers, W. A. (2013, March). *Developing a framework for robot autonomy*. ACM/IEEE International Conference on Human-Robot Interaction, Tokyo, Japan.
- Olson, K. E., Long, S. K., Fisk, A. D., & Rogers, W. A. (2013, March). *Toward understanding human trust in service robots*. ACM/IEEE International Conference on Human-Robot Interaction, Tokyo, Japan.
- Prakash, A., Beer, J. M., Deyle, T., Smarr, C.-A., Chen, T. L., Mitzner, T. L., Kemp, C. C., & Rogers, W. A. (2013, March). *Older adults' medication management in the home: How can robots help?* ACM/IEEE International Conference on Human-Robot Interaction, Tokyo, Japan.
- Rogers, W. A., & Mitzner, T. L. (2012, November). *Using human factors tools to prepare for a field trial with older adults*. Gerontological Society of America 65th Annual Meeting, San Diego, CA.
- Rogers, W. A., Mitzner, T. L., Smarr, C.-A., Beer, J. M., Prakash, A., Chen, T. L., & Kemp, C. C. (2012, November). *What do older adults want their personal robots to do?* Gerontological Society of America 65th Annual Meeting, San Diego, CA.
- Barg-Walkow, L. H., Walsh, D. R., & Rogers, W. A. (2012, October). *Understanding use errors for medical devices: Analysis of the MAUDE database*. Human Factors and Ergonomics Society 56th Annual Meeting, Boston, MA.
- Beer, J. M., Prakash, A., Smarr, C.-A., Mitzner, T. L., Kemp, C. C., & Rogers, W. A. (2012, October). *"Commanding your robot" Older adults' preferences for methods of robot control*. Human Factors and Ergonomics Society 56th Annual Meeting, Boston, MA.

- Cullen, R. H., Rogers, W. A., & Fisk, A. D. (2012, October). *The effects of automation reliability and experience on attention in a computer environment*. Human Factors and Ergonomics Society 56<sup>th</sup> Annual Meeting, Boston, MA. **Winner of the HFES Computer System Technical Group Best Paper Award.**
- Dan, C. S., Cullen, R. H., Rogers, W. A., & Fisk, A. D. (2012, October). *Exploring strategy use in a multiple task environment: Effects of automation reliability and task properties*. Human Factors and Ergonomics Society 56<sup>th</sup> Annual Meeting, Boston, MA.
- Fausset, C. B., & Rogers, W. A. (2012, October). *Younger and older adults' comprehension of health risk probabilities: Understanding the relationship between format and numeracy*. Human Factors and Ergonomics Society 56<sup>th</sup> Annual Meeting, Boston, MA.
- McBride, S. E., Beer, J. M., Mitzner, T. L., Springman, J. M., & Rogers, W. A. (2012, October). *Challenges of training older adults in a home health care context*. Human Factors and Ergonomics Society 56<sup>th</sup> Annual Meeting, Boston, MA.
- Smarr, C.-A., Prakash, A., Beer, J. M., Mitzner, T. L., Kemp, C. C., & Rogers, W. A. (2012, October). *Older adults' preferences for and acceptance of robot assistance for everyday living tasks*. Presented at the Human Factors and Ergonomics Society 56<sup>th</sup> Annual Meeting, Boston, MA. **Winner of the HFES Arnold M. Small Aging Technical Group Best Student Paper Award.**
- Tsai, W.-C., Ro, Y.-L., Lee, C.-F., & Rogers, W. A. (2012, October). *The development of a participatory design research for kitchen cruet with older adults*. The 4<sup>th</sup> Annual Conference for Universal Design, Fukuoka, Japan.
- Morgan, Jr., M. J., Fausset, C. B., & Rogers, W. A. (2012, August). *Number format influences health risk comparisons for older adults*. Georgia Gerontology Society Conference, St. Simon's Island, GA.
- Beer, J. M., Smarr, C.-A., Prakash, A., Chen, T. L., Mitzner, T. L., Kemp, C. C., & Rogers, W. A. (2012, April). *Older adult preferences for controlling a home-based robot*. Cognitive Aging Conference, Atlanta, GA.
- Burnett, J. S., Mitzner, T. L., Rogers, W. A., & Charness, N. (2012, April). *Understanding older adults' perceived usefulness of a computer for everyday activities*. Cognitive Aging Conference, Atlanta, GA.
- Fausset, C. B., Morgan, M. J., Jr. & Rogers, W. A. (2012, April). *The role of format on older adults' comprehension and recall of health risk probabilities*. Cognitive Aging Conference, Atlanta, GA.
- McBride, S. E., Barg-Walkow, L. H., Mitzner, T. L., & Rogers, W. A. (2012, April). *A framework to understand adults' health support needs*. Cognitive Aging Conference, Atlanta, GA.
- Prakash, A., Mitchell, D., & Rogers, W. A. (2012, April). *Toward a taxonomy of memory demands in the home environment*. Cognitive Aging Conference, Atlanta, GA.
- Smarr, C.-A., Fisk, A. D., & Rogers, W. A. (2012, April). *Age-related differences in recognizing emotions displayed by a virtual agent: Effects of intensity and movement*. Cognitive Aging Conference, Atlanta, GA.
- Beer, J. M., Smarr, C.-A., Chen, T. L., Prakash, A., Mitzner, T. L., Kemp, C. C., & Rogers, W. A. (2012, March). *The domesticated robot: Design guidelines for assisting older adults to age in place*. ACM/IEEE International Conference on Human-Robot Interaction, Boston, MA.
- Mitzner, T. L., Beer, J. M., Smarr, C.-A., Kemp, C.C., & Rogers, W. A. (2012, March). *Mobile manipulator: An emerging class of robots for health and medicine*. Symposium on Human Factors and Ergonomics in Health Care: Bridging the Gap, Baltimore, MD.

- Mitzner, T. L., McBride, S. E., Beer, J. M., & Rogers, W. A. (2011, November). *Challenges experienced by home health care providers and the potential for technology supports*. Gerontological Society of America 64<sup>th</sup> Annual Meeting, Boston, MA.
- Boron, J. B., Mitzner, T. L., Fausset, C. B., Adams, A. E., & Rogers, W. A. (2011, November). *Technology use for health care: Older adults' likes, dislikes, and training preferences*. Gerontological Society of America 64<sup>th</sup> Annual Meeting, Boston, MA.
- Beer, J. M., McBride, S. E., Adams, A. E., & Rogers, W. A. (2011, September). *Applied experimental psychology: A capstone course for undergraduate psychology degree programs*. Human Factors and Ergonomics Society 55<sup>th</sup> Annual Meeting, Las Vegas, NV.
- Beer, J. M., Springman, J.M., McBride, S. E., Mitzner, T. L., & Rogers, W. A. (2011, September). *Needs assessment for certified nursing assistants providing personal care*. Human Factors and Ergonomics Society 55<sup>th</sup> Annual Meeting, Las Vegas, NV.
- Burnett, J. S., Mitzner, T.L., Charness, N., & Rogers, W. A. (2011, September). *Understanding predictors of computer communication technology use by older adults*. Human Factors and Ergonomics Society 55<sup>th</sup> Annual Meeting, Las Vegas, NV.
- Fausset, C. B., Rogers, W. A., & Fisk, A. D. (2011, September). *Older adults' comprehension of probabilistic risk expressions in a vaccine information statement: A teach-back approach*. Human Factors and Ergonomics Society 55<sup>th</sup> Annual Meeting, Las Vegas, NV.
- McBride, S. E., Tsai, W. C., Knott, C. C., & Rogers, W. A. (2011, September). *Supporting the management of osteoarthritis pain: A needs analysis*. Human Factors and Ergonomics Society 55<sup>th</sup> Annual Meeting, Las Vegas, NV.
- Mitzner, T. L., Chen, T. L. Kemp, C. C., & Rogers, W. A. (2011, September). *Older adults needs for assistance as a function of living environment*. Human Factors and Ergonomics Society 55<sup>th</sup> Annual Meeting, Las Vegas, NV.
- Smarr, C.-A., Fisk, A. D., & Rogers, W. A. (2011, September). *Dynamic vs. static: Age-related differences in recognizing emotive facial expressions in a virtual agent*. Human Factors and Ergonomics Society 55<sup>th</sup> Annual Meeting, Las Vegas, NV.
- Beer, J. M., McBride, S. E., Mitzner, T. L., Springman, J. M., & Rogers, W. A. (2011, August). *Challenges in patient education: Teaching older adults home health care tasks*. American Psychological Association Annual Meeting, Washington, DC.
- McBride, S. E., Tsai, W. C., Knott, C. C., & Rogers, W. A. (2011, August). *Understanding user needs for an osteoarthritis management tool*. American Psychological Association Annual Meeting, Washington, DC.
- Smarr, C.-A., Serrano-Baquero, D., Cullen, R. H., McBride, S. E., Beer, J. M., & Rogers, W. A. (2011, August). *Using knowledge engineering to understand communication processes in the mowing of citrus groves*. American Psychological Association Annual Meeting, Washington, DC.
- Bergstrom, J. C. R., Olmsted-Hawala, E. L., Rogers, W. A., & Krosnick, J. A. (2011, May). *Age-related differences in reported computer and internet usage based on question type: A "great deal" of variability*. The American Association for Public Opinion Research, Phoenix, AZ.
- Beer, J. M., Fisk, A. D., & Rogers, W. A. (2010, September). *Recognizing emotion in virtual agent, synthetic human, and human facial expressions*. Human Factors and Ergonomics Society 54<sup>th</sup> Annual Meeting, San Francisco, CA.
- Felipe, S. K., Adams, A. E., Rogers, W. A., & Fisk, A. D. (2010, September). *Training novices on hierarchical task analysis*. Human Factors and Ergonomics Society 54<sup>th</sup> Annual Meeting, San Francisco, CA.
- McBride, S. E., Rogers, W. A., & Fisk, A. D. (2010, September). *Do younger and older adults*

- differentially depend on an automated system?* Human Factors and Ergonomics Society 54<sup>th</sup> Annual Meeting, San Francisco, CA.
- McLaughlin, A. C., & Rogers, W. A. (2010, September). *Learning by doing: Understanding skill acquisition through skill acquisition*. Human Factors and Ergonomics Society 54<sup>th</sup> Annual Meeting, San Francisco, CA.
- Mitzner, T. L., Touron, D. R., Rogers, W. A., & Hertzog, C. (2010, September). *Checking it twice: Age-related differences in double checking during visual search*. Human Factors and Ergonomics Society 54<sup>th</sup> Annual Meeting, San Francisco, CA.
- O'Brien, M. A., Rogers, W. A., & Fisk, A. D. (2010, September). *Understanding the role of experience in younger and older adults' interactions with a novel technology*. Human Factors and Ergonomics Society 54<sup>th</sup> Annual Meeting, San Francisco, CA.
- Poole, A. B., Caine, K. E., Fisk, A. D., & Rogers, W. A. (2010, September). *Errors of disclosure in computer mediated systems*. Human Factors and Ergonomics Society 54<sup>th</sup> Annual Meeting, San Francisco, CA.
- O'Brien, M. A., Rogers, W. A., Fisk, A. D. (2010, June). *Does prior experience mitigate age-related differences in interactions with a Kindle electronic book reader?* International Society for Gerontechnology 7<sup>th</sup> World Conference, Vancouver, BC, Canada.
- Beer, J. M., Fisk, A. D., & Rogers, W. A. (2010, April). *Age and emotion recognition: A comparison of virtual robotic agent, synthetic human, and human facial expressions*. Cognitive Aging Conference, Atlanta, GA.
- Fausset, C. B., Kelly, A. J., Rogers, W. A., & Fisk, A. D. (2010, April). *Older adults' strategies for aging in place*. Cognitive Aging Conference, Atlanta, GA.
- Hickman, J. M., Rogers, W. A., Fisk, A. D. (2010, April). *Understanding the role of presentation pace for learning in a time-sensitive task*. Cognitive Aging Conference, Atlanta, GA.
- McBride, S. E., Rogers, W. A., & Fisk, A. D. (2010, April). *Age-related differences in performance in a dual-task environment with an automated aid*. Cognitive Aging Conference, Atlanta, GA.
- O'Brien, M. A., Burnett, J. S., Rogers, W. A., & Fisk, A. D. (2010, April). *Understanding age-related problems in use of everyday technologies*. Cognitive Aging Conference, Atlanta, GA.
- Olson, K. A., Fisk, A. D., & Rogers, W. A. (2010, April). *The effect of mental model quality on older adults' dependence on automated systems*. Cognitive Aging Conference, Atlanta, GA.
- Beer, J.M., Fisk, A. D., & Rogers, W. A. (2009, November). *Recognizing social cues when interacting with virtual agents: What leads to emotion misattributions?* Gerontological Society of America 62<sup>nd</sup> Annual Meeting, Atlanta, GA.
- Fausset, C. B. Kelly, A., Rogers, W. A., & Fisk, A. D. (2009, November). *Aging in place: Understanding the home maintenance and management needs of older adults*. Gerontological Society of America 62<sup>nd</sup> Annual Meeting, Atlanta, GA.
- O'Brien, M. A., Rogers, W. A., Fisk, A. D. (2009, November). *Examining encounters with everyday technologies by older adults*. Gerontological Society of America 62<sup>nd</sup> Annual Meeting, Atlanta, GA.
- Beer, J. M., Rogers, W. A., & Fisk, A. D. (2009, October). *Emotion recognition of virtual agent facial expressions: The effects of age and emotion intensity*. Human Factors and Ergonomics Society 53<sup>rd</sup> Annual Meeting, San Antonio, TX.
- Cullen, R. H., O'Brien, M. A., Rogers, W. A., & Fisk, A. D. (2009, October). *The persistence of content knowledge*. Human Factors and Ergonomics Society 53<sup>rd</sup> Annual Meeting, San Antonio, TX.

- Ezer, N., Fisk, A. D., & Rogers, W. A. (2009, October). *More than a servant: Self-reported willingness of younger and older adults to having a robot perform interactive and critical tasks in the home*. Human Factors and Ergonomics Society 53<sup>rd</sup> Annual Meeting, San Antonio, TX.
- Fausset, C. B., Mayer, A. K., Rogers, W. A., & Fisk, A. D. (2009, October). *Understanding aging in place for older adults: A needs analysis*. Human Factors and Ergonomics Society 53<sup>rd</sup> Annual Meeting, San Antonio, TX.
- Mitzner, T. L., Beer, J. M., McBride, S. E., Rogers, W. A., & Fisk, A. D. (2009, October). *Older adults' needs for home health care and the potential for human factors interventions*. Human Factors and Ergonomics Society 53<sup>rd</sup> Annual Meeting, San Antonio, TX.
- Olson, K. E., Fisk, A. D., & Rogers, W. A. (2009, October). *Collaborative automated systems: Older adults' mental model acquisition and trust in automation*. Human Factors and Ergonomics Society 53<sup>rd</sup> Annual Meeting, San Antonio, TX.
- Shorr, D. J., Ezer, N., Fisk, A. D., & Rogers, W. A. (2009, October). *Comprehension of warning symbols by younger and older adults: Effects of visual degradation*. Human Factors and Ergonomics Society 53<sup>rd</sup> Annual Meeting, San Antonio, TX.
- Mitzner, T. L., Beer, J. M., McBride, S., Rogers, W. A., & Fisk, A. D. (2009, August). *Difficulties encountered by home health care providers: A human factors investigation*. American Psychological Association Annual Meeting, Toronto, ON, Canada.
- Olson, K. E., O'Brien, M. A., Rogers, W. A., & Fisk, A. D. (2009, August). *Can technology empower older caregivers?* American Psychological Association Annual Meeting, Toronto, ON, Canada.
- Ezer, N., Fisk, A. D., & Rogers, W. A. (2009, July). *What can a robot do for me? An investigation of age-related differences in expectations of and attitudes toward home-based robots*. 13<sup>th</sup> International Conference on Human Computer Interaction, San Diego, CA
- Hall, C., Echt, K., Wolf, S., & Rogers, W. A. (2009, June). *Cognitive and motor mechanisms underlying ability to divide attention while walking*. International Society for Posture & Gait Research Conference, Bologna, Italy.
- O'Brien, M.A., Rogers, W. A., & Fisk, A. D. (2009, April). *Discerning prior knowledge use by older adults in technology interactions*. Presented at the *30th Annual Meeting of the Southern Gerontological Society (SGS)*, April 16-19, 2009, St. Petersburg, FL.
- Olson, K.E., O'Brien, M.A., Rogers, W. A., Fisk, A. D., & Fisk, A.D. (2009, April). *Understanding the potential for technology to support caregivers*. Presented at the *30th Annual Meeting of the Southern Gerontological Society (SGS)*, April 16-19, 2009, St. Petersburg, FL.
- Caine, K. E., Burnham, K. E., Fisk, A. D., & Rogers, W. A. (2008, September). *The effects of immediate experience with technology of privacy concerns and disclosure behavior in a health setting*. Human Factors and Ergonomics Society 52<sup>nd</sup> Annual Meeting, New York.
- Fausset, C. B., Rogers, W. A., & Fisk, A. D. (2008, September). *Understanding the required resources in line graph comprehension*. Human Factors and Ergonomics Society 52<sup>nd</sup> Annual Meeting, New York.
- Mitzner, T. L., Fausset, C. B., Boron, J. B., Adams, A. E., Dijkstra, K., Lee, C. C., Rogers, W. A., & Fisk, A. D. (2008, September). *Older adults' training preferences for learning to use technology*. Human Factors and Ergonomics Society 52<sup>nd</sup> Annual Meeting, New York.
- O'Brien, M. A., Rogers, W. A., & Fisk, A. D. (2008, September). *Developing a framework for intuitive human-computer interaction*. Human Factors and Ergonomics Society 52<sup>nd</sup>

- Annual Meeting, New York.
- Mayer, A. K., Fisk, A. D., & Rogers, W. A. (2008, September). *Age-related differences, expectancy, and resultant reliance and compliance behavior using an automated system*. Human Factors and Ergonomics Society 52<sup>nd</sup> Annual Meeting, New York.
- O'Brien, M. A., Rogers, W. A., & Fisk, A. D. (2008, September). *Understanding intuitive technology use in older persons*. IFA's 9<sup>th</sup> Global Conference on Ageing, Montreal, Canada.
- Mayer, A. K., Fausset, C. B., Fisk, A. D., & Rogers, W. A. (2008, September). *Difficult tasks in the home: Identifying ways to support successful aging in place*. IFA's 9<sup>th</sup> Global Conference on Ageing, Montreal, Canada.
- Rogers, W. A. (2008, August). *Understanding the review process*. American Psychological Association Annual Meeting, Boston, MA.
- Fausset, C. B., Mayer, A. K., Rogers, W. A., & Fisk, A. D. (2008, August). *Toward an understanding of successful aging in place: A needs analysis*. American Psychological Association Annual Meeting, Boston, MA.
- Caine, K. E., Fisk, A. D., & Rogers, W. A. (2008, August). *Digital divides: Age, health, race, and income in health-related search*. American Psychological Association Annual Meeting, Boston, MA.
- Mayer, A. K., Fisk, A. D., & Rogers, W. A. (2008, August). *The effects of automation reliability, error type, and age on reliance and compliance behavior*. American Psychological Association Annual Meeting, Boston, MA.
- Fausset, C. B., Rogers, W. A., & Fisk, A. D. (2008, July). *Designing technology for older adults*. 2<sup>nd</sup> International Conference on Applied Human Factors and Ergonomics, Las Vegas, NV.
- O'Brien, M.A., Olson, K.E., Charness, N., Czaja, S.J., Fisk, A.D., Rogers, W.A. & Sharit, J. (2008, June). *Understanding technology usage in older adults*. International Society for Gerontechnology, Pisa, Italy.
- Fausset, C. B., Rogers, W. A., & Fisk, A.D. (2008, April). *Match or mismatch? Understanding the influence of age and task in line graph comprehension*. Twelfth Cognitive Aging Conference, Atlanta, GA.
- Mayer, A. K., Fisk, A. D., & Rogers, W. A. (2008, April). *Age-related differences in automation supported dual-task performance: The effects of system reliability and error type*. Twelfth Cognitive Aging Conference, Atlanta, GA.
- Mitzner, T. L., Adams, A., Fausset, C. B., Boron, J. B., Rogers, W. A., & Fisk, A.D. (2008, April). *Understanding older adults' attitudes about technology use in the home*. Twelfth Cognitive Aging Conference, Atlanta, GA.
- O'Brien, M.A., Olson, K.E., Charness, N., Czaja, S.J., Fisk, A.D., Rogers, W.A. & Sharit, J. (2008, April). *Understanding technology usage in younger and older adults*. Twelfth Cognitive Aging Conference, Atlanta, GA.
- Kwasny, M., Caine, K. E., Rogers, W. A., & Fisk, A. D. (2008, April). *Privacy and technology: Folk definitions and perspectives*. CHI Conference, Florence, Italy.
- Mitzner, T. L., Boron, J. B., Rogers, W. A., & Fisk, A. D. (2007, November). *Older adults' attitudes toward health-related technology use*. Gerontological Society of America 60<sup>th</sup> Annual Meeting, San Francisco, CA.
- Boron, J. B., Rogers, W. A., & Fisk, A. D. (2007, November). *Complexity of older adults' medication regimens*. Gerontological Society of America 60<sup>th</sup> Annual Meeting, San Francisco, CA.
- Adams, A. E., Rogers, W. A., & Fisk, A. D. (2007, October). *Inferences and confidence in*

- warning texts: The role of age and prior knowledge.* Human Factors and Ergonomics Society 51<sup>st</sup> Annual Meeting, Baltimore, MD.
- Ezer, N., Fisk, A. D., & Rogers, W. A. (2007, October). *Reliance on automation as a function of expectation of reliability, cost of verification, and age.* Human Factors and Ergonomics Society 51<sup>st</sup> Annual Meeting, Baltimore, MD.
- Hickman, J. M., Rogers, W. A., & Fisk, A. D. (2007, October). *Deciphering optimality: A framework towards understanding optimal technology training for older adults.* Human Factors and Ergonomics Society 51<sup>st</sup> Annual Meeting, Baltimore, MD.
- Mayer, A., Boron, J. B., Kress, C., Fisk, A. D., & Rogers, W. A. (2007, October). *Caution! Warning effectiveness may be more obfuscated than it appears: Making sense of the warning literature.* Human Factors and Ergonomics Society 51<sup>st</sup> Annual Meeting, Baltimore, MD.
- Wilkison, B. D., Fisk, A. D., & Rogers, W. A. (2007, October). *Effects of mental model quality on collaborative system performance.* Human Factors and Ergonomics Society 51<sup>st</sup> Annual Meeting, Baltimore, MD.
- Blanson Henkemans, O. A., Fisk, A. D., Neerincx, M. A., de Ruyter, B., & Rogers, W. A. (2007, August). *A computer assistant supervision of self-care and improvement of health literacy.* American Psychological Association Annual Meeting, San Francisco, CA.
- Fausset, C. B., Mitzner, T. L., Adams, A., Boron, J. B., Dijkstra, K., Charness, N., Argüelles, T. Lee, C. C., Rogers, W. A., & Fisk, A. D. (2007, August). *Technology use by older adults in the work domain.* American Psychological Association Annual Meeting, San Francisco, CA.
- Lewen, L. J., & Rogers, W. A. (2007, August). *Understanding the factors that influence managers' ratings of job applicants.* American Psychological Association Annual Meeting, San Francisco, CA.
- McLaughlin, A. C., O'Brien, M. A., & Rogers, W. A. (2007, August). *Age-related cognitive differences may be ameliorated through correct input device choice.* American Psychological Association Annual Meeting, San Francisco, CA.
- Stronge, A. J., Rogers, W. A., & Fisk, A. D. (2007, August). *Role of environmental support in the development of technology for older adults.* American Psychological Association Annual Meeting, San Francisco, CA.
- Fisk, A. D., Rogers, W. A., Ezer, N., Mayer, A. K., & Wilkinson, B. (2007, July). *Automation usage with live- collaborative systems.* Cognitive Aging Conference Down Under, Adelaide, Australia.
- Hickman, J. M., Rogers, W. A., & Fisk, A. D. (2007, July). *Aging and training attributes: A framework towards training development.* Cognitive Aging Conference Down Under, Adelaide, Australia.
- Boron, J. B., Mayer, A. K., Kress, C., Rogers, W. A., & Fisk, A. D. (2007, July). *Predictors of reported medication adherence by older adults.* Cognitive Aging Conference Down Under, Adelaide, Australia.
- O'Brien, M.A., Rogers, W.A., & Fisk, A.D. (2007, June). *Evaluating design features that affect older adults' performance on common computer tasks.* Presented at the 2<sup>nd</sup> International Conference on Technology and Aging. Toronto, Ontario, Canada.
- Blanson Henkemans, O. A., Caine, K. E., Rogers, W. A., Fisk, A. D., Neerincx, M. A., de Ruyter, B. (2007, April). *Medical monitoring for independent living: User-centered design of smart home technologies for older adults.* Med-E-Tel: The International Educational and Networking Forum for eHealth, Telemedicine and Health ICT, Luxembourg.

- Rogers, W. A., O'Brien, M. A., & McLaughlin, A. C., (2006, December). *Selection and design of input devices for assistive technologies*. The 9<sup>th</sup> International Conference on Control, Automation, Robotics, and Vision (ICCARV 2006), Singapore.
- Sanchez, J., Fisk, A. D., Rogers, W. A., & Ezer, N. (2006, December). *What determines appropriate trust of and reliance on an automated collaborative system? Effects of error type and domain knowledge*. The 9<sup>th</sup> International Conference on Control, Automation, Robotics, and Vision (ICARCV 2006), Singapore.
- Boron, J. B., Rogers, W. A., & Fisk, A. D. (2006, November). *Association of individual characteristics with medication adherence strategies in older adults*. Gerontological Society of America 59<sup>th</sup> Annual Meeting, Dallas, TX.
- Caine, K. E., Fisk, A. D. & Rogers, W. A. (2006, November). *Privacy and ethical considerations about Aware Home technologies for older adults*. Gerontological Society of America 59<sup>th</sup> Annual Meeting, Dallas, TX.
- Boron, J. B., Rogers, W. A., & Fisk, A. D. (2006, October). *Medication adherence strategies in older adults*. Human Factors and Ergonomics Society 50th Annual Meeting, San Francisco, CA.
- Caine, K. E., Fisk, A. D., & Rogers, W. A. (2006, October). *Benefits and privacy concerns of a home equipped with a visual sensing system: A perspective from older adults*. Human Factors and Ergonomics Society 50th Annual Meeting, San Francisco, CA.
- Caine, K. E., O'Brien, M. A., Park, S., Rogers, W. A., Fisk, A. D., Van Ittersum, K., Capar, M., Parsons, L. J. (2006, October). *Understanding acceptance of high technology products: 50 years of research*. Human Factors and Ergonomics Society 50th Annual Meeting, San Francisco, CA.
- Ezer, N. Bowles, C. T., Fisk, A. D., & Rogers, W. A. (2006, October). *The use of similes to enhance inferencing and memory of unfamiliar product hazards*. Human Factors and Ergonomics Society 50th Annual Meeting, San Francisco, CA.
- Hickman, J. M., Caine, K. E., Stronge, A. J., Pak, R., Rogers, W. A., & Fisk, A. D. (2006, October). *Doctor-patient communication: Guidelines for improvements*. Human Factors and Ergonomics Society 50th Annual Meeting, San Francisco, CA.
- Mayer, A. K., Sanchez, J., Fisk, A. D., & Rogers, W. A. (2006, October). *Don't let me down: The role of operator expectations in human-automation interaction*. Human Factors and Ergonomics Society 50th Annual Meeting, San Francisco, CA.
- McLaughlin, A. C., Rogers, W. A., & Fisk, A. D. (2006, October). *How effective feedback for training depends on controlled learner resources and task demands*. Human Factors and Ergonomics Society 50th Annual Meeting, San Francisco, CA.
- O'Brien, M. A., Rogers, W. A., & Fisk, A. D. (2006, October). *Text entry on a virtual keyboard: Evaluating shape and practice effects*. Human Factors and Ergonomics Society 50th Annual Meeting, Santa Monica, CA: Human Factors and Ergonomics Society.
- Pak, R., Rogers, W. A., & Fisk, A. D. (2006, October). *Aging and visual attention: The effect of perceptual load on dual-task performance*. Human Factors and Ergonomics Society 50th Annual Meeting, San Francisco, CA.
- Park, S., O'Brien, M. A., Caine, K. E., Rogers, W. A., Fisk, A. D., Van Ittersum, K., Capar, M., Parsons, L. J. (2006, October). *Acceptance of computer technology: Understanding the user and the organizational characteristics*. Human Factors and Ergonomics Society 50th Annual Meeting, San Francisco, CA.
- Mitzner, T. L., Touron, D., Rogers, W. A., Hertzog, C., & Spieler, D. (2006, August). *Age-related differences in verification behavior during visual search*. American Psychological Association Annual Meeting, New Orleans, LA.



- Mitzner, T. L., Adams, A., Arguelles, T., Bailey, C. L., Boron, J. B., Lee, C. C., Weitz, J. R., Charness, N., Czaja, S. J., Dijkstra, K., Fisk, A. D., Rogers, W. A., & Sharit, J. (2006, August). *Technology use by older adults*. American Psychological Association Annual Meeting, New Orleans, LA.
- Adams, A. E., Bowles, C. T., Choi, K. C., Rogers, W. A., & Fisk, A. D. (2006, April). *Age-related differences in learning information that contradicts recently acquired knowledge*. Eleventh Cognitive Aging Conference, Atlanta, GA.
- Hickman, J. M., Stronge, A., Pak, R., Caine, K., Rogers, W. A., & Fisk, A. D. (2006, April). *Doctor patient communication: Exploring the nature of communication problems for an older population*. Eleventh Cognitive Aging Conference, Atlanta, GA.
- Lewen, L., & Rogers, W. A. (2006, April). *Understanding the psychological factors that contribute to age discrimination in the workplace*. Eleventh Cognitive Aging Conference, Atlanta, GA.
- McLaughlin, A. C., Rogers, W. A., & Fisk, A. D. (2006, April). *Attention and aging: Cognitive demand and performance variability*. Eleventh Cognitive Aging Conference, Atlanta, GA.
- O'Brien, M. A., Caine, K. E., Rogers, W. A., & Fisk, A. D. (2006, April). *Developing a model of aging and technology acceptance*. Eleventh Cognitive Aging Conference, Atlanta, GA.
- Pak, R., Rogers, W. A., & Fisk, A. D. (April, 2006). *A signal detection analysis of perceptual load, aging, and the functional field of view*. Eleventh Cognitive Aging Conference, Atlanta, GA.
- Stronge, A. J., Rogers, W. A., & Fisk, A. D. (2006, April). *Understanding the source of the mixed findings in the prospective memory literature*. Eleventh Cognitive Aging Conference, Atlanta, GA.
- Tran, Q. T., Mynatt, E. D., & Rogers, W. A. (2006, April). *Memory for actions: The good, the bad, and the help*. Eleventh Cognitive Aging Conference, Atlanta, GA.
- Caine, K. E., Rogers, W. A., & Fisk, A. D. (2005, September). *Privacy perceptions of an aware home with visual sensing devices*. Human Factors and Ergonomics Society 49th Annual Meeting, Orlando, FL.
- Caine, K. E., Nichols, T. A., Fisk, A. D. & Rogers, W. A. (2005, September). *Age-related differences in learning incidental environmental information*. Human Factors and Ergonomics Society 49th Annual Meeting, Orlando, FL.
- Adams, A. E., Bowles, C. T., Choi, K. C., Rogers, W. A., & Fisk, A. D. (2005, September). *The effect of contradictory information on recently acquired knowledge*. Human Factors and Ergonomics Society 49th Annual Meeting, Orlando, FL.
- O'Brien, M.A. (2005, September). *Examining keyboard shape and arrangement effects for younger and older adults*. Human Factors and Ergonomics Society 49th Annual Meeting, Orlando, FL.
- Charness, N., Sharit, J., Fisk, A. D., Czaja, S. J., & Rogers, W. A. (2005, July). *Interface design for older adults: Findings from the Center for Research and Education on Aging and Technology Enhancement (CREATE)*. 11<sup>th</sup> International Conference on Human Computer Interaction, Las Vegas, NV
- McLaughlin, A. C., Rogers, W. A., Fisk, A. D., & Essa, I. (2005, July). *Designing a technology coach for older adults*. 11<sup>th</sup> International Conference on Human Computer Interaction, Las Vegas, NV.
- Sanchez, J., Ezer, N., Rogers, W.A., & Fisk, A.D. (2005). *Trust in collaborative systems*. 11<sup>th</sup> International Conference on Human Computer Interaction, Las Vegas, NV.
- Fisk, A. D., Rogers, W. A., & McLaughlin, A. C. (2004, November). *How much attention does it*

- take to use an input device?* Gerontological Society of America Annual Meeting, Washington, DC.
- Turio, M. J., Devine, M. A., Hasler, R., Kaye, R., & Rogers, W. A. (2004, September). *Human factors considerations in the migration of medical devices from clinical to homecare settings*. Human Factors and Ergonomics Society 48th Annual Meeting, New Orleans, LA.
- Melenhorst, A. S., Fisk, A. D., Mynatt, E. D., & Rogers, W. A. (2004, September). *Potential intrusiveness of aware home technology: Perceptions of older adults*. Human Factors and Ergonomics Society 48th Annual Meeting, New Orleans, LA.
- Pak, R., Peters, R. E., Rogers, W. A., Abowd, G. D., & Fisk, A. D. (2004, September). *An analysis of why people lose objects, how they find them, and their attitudes about a technology aid*. Human Factors and Ergonomics Society 48th Annual Meeting, New Orleans, LA.
- Bowles, C. T., Sanchez, J., Rogers, W. A., & Fisk, A. D. (2004, September). *Knowledge engineering: applying the process*. Human Factors and Ergonomics Society 48th Annual Meeting, New Orleans, LA.
- Johnson, J. D., Sanchez, J., Fisk, A. D., & Rogers, W. A. (2004, September). *Type of automation failure: The effects on trust and reliance in automation*. Human Factors and Ergonomics Society 48th Annual Meeting, New Orleans, LA.
- Sanchez, J., Fisk, A. D., & Rogers, W. A. (2004, September). *Reliability and age-related effects on trust and reliance of a decision support aid*. Human Factors and Ergonomics Society 48th Annual Meeting, New Orleans, LA.
- Melenhorst, A.S., Fisk, A. D., Mynatt, E. D., & Rogers, W. A. (2004, September). *Potential intrusiveness of aware home technology: Perceptions of older adults*. *Human Factors and Ergonomics Society 48th Annual Meeting*, New Orleans, LA.
- Nichols, T. A., Stronge, A. J., Rogers, W. A., Fisk, A. D., Rasche, J., & Dingbaum, A. M. (2004, September). *The use of structured interviews in the evaluation of a teledermatology system*. Human Factors and Ergonomics Society 48th Annual Meeting, New Orleans, LA.
- Hickman, J. M., Rogers, W. A., & Fisk, A. D. (2004, July). *Age-related effects of training on learning complex system structures*. Presented at the Annual Meeting of the American Psychological Association, Honolulu, HI.
- O'Brien, M. A., Richman, M., Rogers, W. A., & Fisk, A. D. (2004, July). *Assessing text entry requirements and designs for next generation devices*. Presented at the Annual Meeting of the American Psychological Association, Honolulu, HI.
- Rogers, W. A., Pak, R., Czaja, S. J., Sharit, J., & Fisk, A. D. (2004, July). *Toward understanding components of age-related differences in menu navigation*. Presented at the Annual Meeting of the American Psychological Association, Honolulu, HI.
- Nichols, T. A., Stronge, A. J., Fisk, A. D., Rasche, J., Rogers, W. A., Sessions, G. R. (2004, May). *Human Factors: An overview of tools and techniques relevant to telemedicine*. American Telemedicine Association, Tampa, FL.
- Stronge, A. J., Nichols, T. A., Rogers, W. A., Fisk, A. D., Rasche, J., Dingbaum, A. M. (2004, May). *Critical human factors issues contributing to the success of a regional teledermatology system*. American Telemedicine Association, Tampa, FL.
- Rogers, W. A., Fisk, A. D., Mynatt, E. D., & Melenhorst, A. S. (2004, April). *Realizing the potential of "aware" home technology to enhance functional independence for older adults*. Computer Human Interaction Conference (CHI), Vienna, Austria.
- Bowles, C. T. Fisk, A. D., & Rogers, W. A. (2004, April). *Product hazard perception in diverse age groups*. Tenth Cognitive Aging Conference, Atlanta, GA.

- Gilbert, K. D., & Rogers, W. A. (2004, April). *Self-appraisal as a predictor of memory abilities and task performance*. Tenth Cognitive Aging Conference, Atlanta, GA.
- Melenhorst, A. S., Rogers, W. A., & Fisk, A. D. (2004, April). *Older adults' perceptions of a technology-rich home environment: The conditionality of acceptance*. Tenth Cognitive Aging Conference, Atlanta, GA.
- Pak, R., Peters, R. E., Rogers, W. A., Fisk, A. D., & Abowd, G. D. (2004, April). *Finding lost objects in the home: Toward an understanding of why older adults lose and how they find everyday objects in the home*. Tenth Cognitive Aging Conference, Atlanta, GA.
- Sanchez, J., Fisk, A. D., Pak, & Rogers, W. A. (2004, April). *Reliance on collaborative systems: Does age and system reliability matter?* Tenth Cognitive Aging Conference, Atlanta, GA.
- McLaughlin, A. C., Fiesler, C., Fisk, A. D., & Rogers, W. A. (2004, April). *Older adults learning through feedback*. Tenth Cognitive Aging Conference, Atlanta, GA.
- Touron, D. R., Mitzner, T. L., Rogers, W. A., & Hertzog, C. (2004, April). *Age and strategy in visual search: An eye-movement analysis*. Tenth Cognitive Aging Conference, Atlanta, GA.
- Hickman, J. M., Rogers, W. A., & Fisk, A. D. (2003, August). *Understanding age-related training principles for the development of a system representation*. Presented at the Annual Meeting of the American Psychological Association, Toronto, Canada.
- Nichols, T. A., Stronge, A. J., Rogers, W. A., Fisk, A. D., Rasche, J. D., & Sessions, G. R. (2003, October). *Methodological considerations in a human factors assessment of a teledermatology system*. Human Factors and Ergonomics Society 47<sup>th</sup> Annual Meeting, Denver, CO.
- Rogers, W. A., & Hickman, J. M. (2003, April). *Understanding how human factors/ergonomics can contribute to your profession*. Presented at the Annual Meeting of the National Black Association for Speech-Language and Hearing, Atlanta, GA.
- Beaty, N., Dingbaum, A., Fisk, A. D., Nichols, T. A., Rasche, J., Rogers, W. A., Sessions, R., & Stronge, A. J. (2003, April). *Evaluating human factors in a regional teledermatology program*. Presented at the Annual Meeting of the American Telemedicine Association, Orlando, FL.
- Abowd, G., Bobick, A. Essa, I., Mynatt, E., & Rogers, W. (2002, July). *The Aware Home: A living laboratory for technologies for successful aging*. Paper presented at the American Association of Artificial Intelligence Workshop on Automation as a Care Giver, Edmonton, Alberta, Canada.
- Lin, C. C., McLaughlin, A. C., Pak, R., Rogers, W. A., & Fisk, A. D. (2002, November). *A comparison of direct and indirect input devices for older adults*. Fourth International Conference on Gerontechnology, Miami, FL.
- McLaughlin, A. C., Whittle, J. D., Rogers, W. A., & Fisk, A. D. (2002, November). *Determining age-related touch screen usability: Changes in Fitts' Law as a result of control type*. Fourth International Conference on Gerontechnology, Miami, FL.
- Mitzner, T. L. & Rogers, W. A. (2002, November). *Effects of contrast reduction on reading strategies of young and older adults*. Fourth International Conference on Gerontechnology, Miami, FL.
- Nichols, T. A., Mayhorn, C., Rogers, W. A., & Fisk, A. D. (2002, November). *Ecology of product hazards in the older adult home: Hazard awareness and warning perception*. Fourth International Conference on Gerontechnology, Miami, FL.
- Rogers, W. A., & Fisk, A. D. (2002, November). *CREATE at home: Human factors contributions to an aware home for older adults*. Fourth International Conference on

- Gerontechnology, Miami, FL.
- Stronge, A. J., Rogers, W. A., & Fisk, A. D. (2002, November). *Understanding decision-action processes for younger and older adults*. Fourth International Conference on Gerontechnology, Miami, FL.
- Bowles, C. T., Fisk, A. D., & Rogers, W. A. (2002, October). *Inferences and the use of similes and metaphors in warnings*. Human Factors and Ergonomics Society 46<sup>th</sup> Annual Meeting, Baltimore, MD.
- Stronge, A. J., Rogers, W. A., & Fisk, A. D. (2002, October). *Are there age-related differences in problem solving?* Human Factors and Ergonomics Society 46<sup>th</sup> Annual Meeting, Baltimore, MD.
- McLaughlin, A. C., Rogers, W. A., & Fisk, A. D. (2002, October). *Effectiveness of audio and visual training presentation modes for glucometer calibration*. Human Factors and Ergonomics Society 46<sup>th</sup> Annual Meeting, Baltimore, MD.
- Nichols, T. A., Mayhorn, C. B., Whittle, J. D., Hancock, H. E., Rogers, W. A., & Fisk, A. D. (2002, October). *Hazardous products in the older adult home*. Human Factors and Ergonomics Society 46<sup>th</sup> Annual Meeting, Baltimore, MD.
- Sierra, E. A., Jr., Fisk, A. D., & Rogers, W. A., (2002, October). *Matching instructional media with instructional demands*. Human Factors and Ergonomics Society 46<sup>th</sup> Annual Meeting, Baltimore, MD.
- Pak, R., McLaughlin, A. C., Lin, C. C., Rogers, W. A. & Fisk, A. D. (2002, October). *An age-related comparison of a touch screen and a novel input device*. Human Factors and Ergonomics Society 46<sup>th</sup> Annual Meeting, Baltimore, MD.
- Abowd, G. D., Bobick, A. F., Essa, I. A., Mynatt, E. D., Rogers, W. A. (2002, July). *The Aware Home: Developing technologies for successful aging*. The Eighteenth National Conference on Edmonton, Alberta, Canada
- Hancock, H., Fisk, A. D., & Rogers, W. A. (2002, April). *Aging and inferencing ability: An examination of factors underlying text comprehension*. Ninth Cognitive Aging Conference, Atlanta, GA.
- Lamson, N., Rogers, W. A., & Kipp, K. (2002, April). *Can adult age-related differences in episodic memory be attributed to strategy production and utilization deficiencies?* Ninth Cognitive Aging Conference, Atlanta, GA.
- Mayhorn, C. B., Rogers, W. A., & Marsh, R. L. (2002, April). *Input and output monitoring in young and older adults*. Ninth Cognitive Aging Conference, Atlanta, GA.
- McLaughlin, A. C., Lin, C., Pak, R., Fisk, A. D., & Rogers, W. A. (2002, April). *Age differences for input devices: A comparison of direct and indirect devices for complex computer tasks*. Ninth Cognitive Aging Conference, Atlanta, GA.
- McLaughlin, A. C., Rogers, W. A., Fisk, A. D., & Lewen, L. (2002, April). *Age differences and presentation mode in a complex, sequential task: Is there an advantage for video vs. audio?* Ninth Cognitive Aging Conference, Atlanta, GA.
- Nichols, T. A., Mayhorn, C. B., Rogers, W. A., Fisk, A. D., & Whittle, J. D. (2002, April). *A focus group approach to understanding hazard awareness in familiar environments*. Ninth Cognitive Aging Conference, Atlanta, GA.
- Pak, R., Rogers, W. A., & Fisk, A. D. (2002, April). *The influence of spatial abilities on performance in a computer-based task in younger and older adults*. Ninth Cognitive Aging Conference, Atlanta, GA.
- Sierra, E. A., Jr., Fisk, A. D., & Rogers, W. A. (2002, April). *On the benefit of video mediated instruction: Does age matter?* Ninth Cognitive Aging Conference, Atlanta, GA.
- Stronge, A. J., Rogers, W. A., & Fisk, A. D. (2002, April). *Examining problem solving strategies*

- used by younger and older adults to search the World Wide Web.* Ninth Cognitive Aging Conference, Atlanta, GA.
- Lamson, N., Kipp, K., Rogers, W.A. (April, 2002). *Adult age-related differences in utilization deficiencies.* Biennial Conference on Human Development, Charlotte, NC.
- Melenhorst, A. S., Rogers, W. A., & Caylor, E. C. (2001, October). *The use of communication technologies by older adults: Exploring the benefits from the user's perspective.* Human Factors and Ergonomics Society 45<sup>th</sup> Annual Meeting, Minneapolis, MN.
- Nichols, T. A., Rogers, W. A., Fisk, A. D., & West, L. D. (2001, October). *How old are your participants? An investigation of age classifications in the literature.* Human Factors and Ergonomics Society 45<sup>th</sup> Annual Meeting, Minneapolis, MN.
- Schroeder, D. G., Hancock, H. E., Rogers, W. A., & Fisk, A. D. (2001, October). *Phrase generation and symbol comprehension for 40 safety symbols.* Human Factors and Ergonomics Society 45<sup>th</sup> Annual Meeting, Minneapolis, MN.
- Hancock, H. E., Fisk, A. D., & Rogers, W. A. (2001, October). *Comprehension of explicit and implicit warning information in younger and older adults.* Human Factors and Ergonomics Society 45<sup>th</sup> Annual Meeting, Minneapolis, MN.
- Hancock, H. E., Gerouville, O., Fisk, A. D., & Rogers, W. A. (2001, October). *A tool for screening medications that could affect usability.* Human Factors and Ergonomics Society 45<sup>th</sup> Annual Meeting, Minneapolis, MN.
- Mayhorn, C. B., Marsh, R. L., & Rogers, W. A. (2001, August). *Input and output monitoring in older adults.* Annual Meeting of the American Psychological Association, San Francisco, CA.
- Nichols, T. A., Fisk, A. D., & Rogers, W. A. (2001, August). *Age-related differences in using environmental support: Resources or strategies?* Annual Meeting of the American Psychological Association, San Francisco, CA.
- Rogers, W. A., Stronge, A. J., & Pak, R. (July 2001). *Enabling older adults to successfully use the World Wide Web.* 17<sup>th</sup> World Congress of the International Association of Gerontology. Vancouver, Canada.
- Rogers, W. A., Fisk, A. D., & Lewen, L. J. (2001, June). *The promise of telemedicine for delivering home-based medical assistance to older adults.* American Telemedicine Association, Fort Lauderdale, FL.
- Mynatt, E. D., Essa, I., & Rogers, W. A. (2000, November). *Increasing the opportunities for aging in place.* ACM Conference on Universal Usability, Arlington, VA
- Pak, R., Rogers, W. A., & Stronge, A. J. (2000, July). *How would you describe the World Wide Web? Analogies of the web from users.* Human Factors and Ergonomics Society 44<sup>th</sup> Annual Meeting, San Diego, CA.
- Mykityshyn, A. L., Campbell, R. H., Rogers, W. A., & Fisk, A. D. (2000, July). *System and human error in "simple" medical devices: Task analysis and survey of blood glucose monitors.* Human Factors and Ergonomics Society 44<sup>th</sup> Annual Meeting, San Diego, CA.
- Hancock, H. E., Rogers, W. A., & Fisk, A. D. (2000, July). *Age as a predictor of adequate warning design.* Human Factors and Ergonomics Society 44<sup>th</sup> Annual Meeting, San Diego, CA.
- Rogers, W. A., Campbell, R. H., & Fisk, A. D. (2000, July). *Evaluating environmental support benefits of video-mediated communication for older adults.* Human Factors and Ergonomics Society 44<sup>th</sup> Annual Meeting, San Diego, CA.
- Hancock, H. E., Batsakes, P. J., Rogers, W. A., & Fisk, A. D. (2000). *Developing a tool to identify neurological, motoric, and sensory effects of medication.* Eighth Cognitive Aging Conference, Atlanta, GA.

- Rogers, W. A., & Van Hegewald, W. (2000, April). *Acquisition of a pattern: Age differences in implicit and explicit learning*. Eighth Cognitive Aging Conference, Atlanta, GA.
- Schmitter-Edgecombe, M., Beglinger, L., & Rogers, W. A. (1999). *Acquisition of skilled visual search performance following severe closed-head injury*. Twenty-Eighth Annual Meeting of the International Neuropsychological Society, Orlando, FL.
- Batsakes, P. J., Hancock, H. E., Rogers, W. A., Parugulla, V., & Tidwell, J. (1999, September). *Medication usage among older adults: Relevance to human factors professionals*. Human Factors and Ergonomics Society 43<sup>rd</sup> Annual Meeting, Houston, TX.
- Hancock, H. E., Rogers, W. A., & Fisk, A. D. (1999, September). *Understanding age-related differences in the perception and comprehension of symbolic warning information*. Human Factors and Ergonomics Society 43<sup>rd</sup> Annual Meeting, Houston, TX.
- Rogers, W. A., & Fisk, A. D. (1999, August). *Enhancing the functional independence of older adults through technology*. Annual Meeting of the American Psychological Association, Boston, MA.
- Rogers, W. A. (1999, August). *Accommodating an older population*. Annual Meeting of the American Psychological Association, Boston, MA.
- Rogers, W. A. (1999, August). *Suggestions for involvement of divisions in interdivisional grants program*. Annual Meeting of the American Psychological Association, Boston, MA.
- Rogers, W. A. (1999, April). *Senior CHI: How Can We Make Technology "Elder-Friendly?"* CHI 99 Conference on Human Factors in Computing Systems, Pittsburgh, PA.
- Lamson, N., & Rogers, W. A. (1999, April). *Age-related and individual differences in cognitive strategies*. Southern Gerontological Society Meeting, Atlanta, GA.
- Rogers, W. A., & Wogalter, M. (1999, February). *Exposing students to human factors/ergonomics: Applying psychology to make technology user friendly*. Eleventh Southeastern Conference on the Teaching of Psychology, Atlanta, GA.
- Jamieson, B. A., & Rogers, W. A. (1998, October). *Age-related differences in the acquisition, transfer, and retention of using an automatic teller machine*. Human Factors and Ergonomics Society 42<sup>nd</sup> Annual Meeting, Chicago, IL.
- Meyer, B., Rogers, W. A., & Mead, S. E. (1998, October). *Guidelines for age-inclusive design*. Human Factors and Ergonomics Society 42<sup>nd</sup> Annual Meeting, Chicago, IL.
- Huff, M. M., Rousseau, G. K., & Rogers, W. A. (1998, October). *Long-term retention of skilled search for young and older adults*. Human Factors and Ergonomics Society 42<sup>nd</sup> Annual Meeting, Chicago, IL.
- Hancock, H. E., Rogers, W. A., & Fisk, A. D. (1998, October). *Perception and comprehension of consumer warning information from both ecological and age-related perspectives*. Human Factors and Ergonomics Society 42<sup>nd</sup> Annual Meeting, Chicago, IL.
- Meyer, B., Rogers, W. A., & Mead, S. E. (1998, April). *Making technology accessible for older users*. CHI 98 Conference on Human Factors in Computing Systems, Los Angeles.
- Lamson, N., & Rogers, W. A. (1998, April). *Understanding age-related differences in cognitive performance through strategy analysis*. Seventh Cognitive Aging Conference, Atlanta, GA.
- Rousseau, G. K., Lamson, N., & Rogers, W. A. (1997, September). *The relevance of cognitive aging research to warning label design*. Human Factors and Ergonomics Society 41<sup>st</sup> Annual Meeting, Albuquerque, NM.
- Rogers, W. A., Lamson, N., & Rousseau, G. K. (1997, August). *Warning signs and labels: Maximizing their effectiveness for older adults*. Annual Meeting of the American Psychological Association, Chicago, IL.
- Rousseau, G. K., & Rogers, W. A. (1997, March). *Schema acquisition*. Annual Meeting of the

- Southern Society of Philosophy and Psychology, Atlanta, GA.
- Schmitter-Edgecombe, M., & Rogers, W. A. (1997, February). *Automatic process development following severe closed head injury*. Twenty-Fifth Annual Meeting of the International Neuropsychological Society, Orlando, FL.
- Rogers, W. A., & Rousseau, G. K. (1996, November). *Influences of information quantity versus consistency in schema acquisition*. Annual Meeting of the Psychonomic Society, Chicago, IL.
- Harris, J. L., Rogers, W. A., and Qualls, C. D. (1996, November). *Text comprehension in adults: Age, genre, and practice effects*. National Convention of the American Speech-Language-Hearing Association, Seattle, WA.
- Gilbert, D. K., Cregger, M. E., & Rogers, W. A. (1996, September). *Retention of a spatial mental model: Do young and older adults differ?* Human Factors and Ergonomics Society 40th Annual Meeting, Philadelphia, PA.
- Jamieson, B. A., & Rogers W. A. (1996, September). *Age-related effects of blocked and random training for automatic teller machines*. Human Factors and Ergonomics Society 40th Annual Meeting, Philadelphia, PA.
- Mead, S. E., Jamieson, B. A., Rousseau, G. K., Sit, R. A., & Rogers W. A. (1996, September). *Online library catalogs: Age-related differences in query construction and error recovery*. Human Factors and Ergonomics Society 40th Annual Meeting, Philadelphia, PA.
- Rousseau, G. K., & Rogers, W. A. (1996, August). *Age-related differences in acquisition of a personal-action schema*. Annual Meeting of the American Psychological Association, Toronto, Canada.
- Mead, S. E., Sit, R. A., Jamieson, B. A., Rousseau, G. K., & Rogers W. A. (1996, August). *Online library catalogs: Age-related differences in performance for novice users*. Annual Meeting of the American Psychological Association, Toronto, Canada.
- Rogers, W. A., Rousseau, G. K., Jamieson, B. A., Mead, S. E., & Sit, R. A. (1996, August). *Online library catalogs: Design and training guidelines for older adults*. Annual Meeting of the American Psychological Association, Toronto, Canada.
- Harris, J. L., Rogers, W. A., & Qualls, C. D. (1996, May). *Age differences in statement verification ability: An index of text comprehension*. Third International Conference on Communication, Aging, and Health, Lawrence, KS.
- Jamieson, B. A., & Rogers W. A. (1996, May). *Training older adults to use automatic teller machines*. Seventh Annual Student Convention for Gerontology and Geriatrics, Athens, GA.
- Rousseau, G. K., & Rogers W. A. (1996, May). *Age-related trends in computer use among professors: What do they profess to know?* Seventh Annual Student Convention for Gerontology and Geriatrics, Athens, GA.
- Rousseau G. K., & Rogers, W. A. (1996, April). *Ability correlates of schema acquisition and schema detail*. Sixth Cognitive Aging Conference, Atlanta, GA.
- Meyer, B., Walker, N., & Rogers, W. A. (1996, April). *Daily living tasks in the aged: Sources of and solutions to functional limitations*. Sixth Cognitive Aging Conference, Atlanta, GA.
- Gilbert, D. K., Cregger, M. E., & Rogers, W. A. (1996, April). *The effects of a robust mental model on retention: Can age differences be attenuated?* Sixth Cognitive Aging Conference, Atlanta, GA.
- Washburn, D. A., Rogers, W. A., & Fisk, A. D. (1996, April). *Attention - principles of (primate) cognition*. Southern Society for Philosophy and Psychology, Nashville, TN.
- Gilbert, D. K., & Rogers, W. A. (1995, November). *Spatial mental models: Can they be learned*

- by older adults?* Annual Meeting of the Psychonomic Society, Los Angeles, CA.
- Gilbert, D. K., & Rogers, W. A. (1995, October). *An evaluation of age differences in acquisition and utilization of mental models*. Human Factors and Ergonomics Society 39th Annual Meeting, San Diego, CA.
- Rogers, W. A., Cabrera, E. F., Jamieson, B. A., & Rousseau, G. K. (1995, August). *Automatic teller machines and older adults: Usage patterns and training needs*. Annual Meeting of the American Psychological Association, New York, NY.
- Van Wyhe, W. & Rogers, W. A. (1995, August). *Age-related differences in serial learning*. Annual Meeting of the American Psychological Association, New York, NY.
- Rogers, W. A., Gilbert, D. K., Lilly R. L., & Clark, J. L. (1994, November) *Skill acquisition and aging: Does order of practice affect learning?* Annual Meeting of the Psychonomic Society, St. Louis, MO.
- Rogers, W. A., Gilbert, D. K., & Fraser, E. (1994, October). *An in-depth analysis of automatic teller machine usage by older adults*. Human Factors and Ergonomics Society 38th Annual Meeting, Nashville, TN.
- Gilbert, D. K., & Rogers, W. A. (1994, October). *Age differences on a paired associates task: How does practice type and order affect learning?* Human Factors and Ergonomics Society 38th Annual Meeting, Nashville, TN.
- Clark, J. L., & Rogers, W. A. (1994, October). *Memory skill acquisition for young and old adults: Does training order affect learning?* Human Factors and Ergonomics Society 38th Annual Meeting, Nashville, TN.
- Rogers, W. A., Walker, N., Gilbert, D. K., Fraser, E. F., & Fisk, A. D. (1994, August). *A questionnaire study of automatic teller machine usage by adults of all ages*. Annual Meeting of the American Psychological Association, Los Angeles, CA.
- Fisk, A. D., Rogers, W. A., & Walker (1994, August). *From basic science to practical relevance: A cognitive gerontology example*. Annual Meeting of the American Psychological Association, Los Angeles, CA.
- Rogers, W. A., Gilbert, D. K., & Fisk, A. D. (1994, April). *Long-term retention of general skill and stimulus-specific abilities in associative learning: Age-related differences*. Fifth Cognitive Aging Conference, Atlanta, GA.
- Gilbert, D. K., & Rogers, W. A. (1994, April). *Strategy effects on learning and performance for young and old adults*. Annual Meeting of the Southern Society for Philosophy and Psychology, Atlanta, GA.
- Cregger, M. E., & Rogers, W. A. (1994, April). *Age differences in memory for activities: The effects of task length and type*. Annual Meeting of the Southern Society for Philosophy and Psychology, Atlanta, GA.
- Rogers, W. A., Cantor, J., & Nestor, J. E. (1993, November). *Age-related differences in working memory: Differential fan effects*. Annual Meeting of the Psychonomic Society, Washington, DC.
- Gilbert, D. K., & Rogers, W. A. (1993, November). *Age differences in search strategies*. Annual Meeting of the Psychonomic Society, Washington, D. C.
- Rogers, W. A., Gilbert, D. K., & Fisk, A. D. (1993, October). *Ability-performance relationships in memory skill tasks for young and old adults*. Human Factors and Ergonomics Society 37th Annual Meeting, Seattle, WA.
- Cregger, M. E., & Rogers, W. A. (1993, March). *The effects of length and type of task on recall for activities in older and younger adults*. National Conference for Undergraduate Research, Salt Lake City, UT.
- Rogers, W. A., Bertus, E. L., & Gilbert, D. K. (1993, February). *Utilizing a dual task*



- methodology to assess age differences in automatic process development.* First Mid-Atlantic Human Factors Conference, Virginia Beach, VA.
- Rogers, W. A., & Gilbert, D. K. (1992, November). *What do young and old adults learn in consistent category search tasks?* Annual Meeting of the Psychonomic Society, St. Louis, MO.
- Gilbert, D. K., & Rogers, W. A. (1992, October). *Performance on a consistent mapping visual search task: Can age differences be eliminated?* Human Factors Society 36th Annual Meeting, Atlanta, GA.
- Bertus, E. L., Gilbert, D. K., & Rogers, W. A. (1992, October). *Automatic process development in young and old adults: A dual task assessment.* Human Factors Society 36th Annual Meeting, Atlanta, GA.
- Rogers, W. A., Fisk, A. D., & Hertzog, C. (1992, October). *Determinants of visual search performance: Age and practice effects.* Human Factors Society 36th Annual Meeting, Atlanta, GA.
- Fisk, A. D., Rogers, W. A., Anderson, M. M., & Cooper, B. P. (1992, August). *Automaticity and skill development: An age-related perspective.* Annual Meeting of the American Psychological Association, Washington, D.C.
- Rogers, W. A., Hertzog, C., & Fisk, A. D. (1992, April). *Models of age-related differences in ability-performance relationships for consistent and varied search tasks.* Fourth Cognitive Aging Conference, Atlanta, GA.
- Dulaney, C. L., & Rogers, W. A. (1992, April). *Age differences in the development of a reading suppression response with Stroop practice.* Fourth Cognitive Aging Conference, Atlanta, GA.
- Rogers, W. A., Fisk, A. D., & Hertzog, C. (1991, November). *Ability-performance relationships as a function of practice and age.* Annual Meeting of the Psychonomic Society, San Francisco, CA.
- Lee, M. D., Rogers, W. A., & Fisk, A. D. (1991, September). *Contextual change and skill acquisition in visual search: Does the rate of change affect performance?* Human Factors Society 35th Annual Meeting, San Francisco, CA. (Winner of the Student Paper Award - Training Technical Group)
- Rogers, W. A., Fisk, A. D., Giambra, L. M., & Rosenberg, E. H. (1990, October). *Identifying the learning capabilities of older adults: Associative and priority learning.* Human Factors Society 34th Annual Meeting, Orlando, FL.
- Rogers, W. A., Lee, M. D., & Fisk, A. D. (1990, August). *Skill acquisition in visual search: The effects of practice on performance and learning.* Annual Meeting of the American Psychological Association, Boston, MA.
- Lee, M. D., Rogers, W. A., & Fisk, A. D. (1990, April). *Performance improvement and transfer of training as a function of consistency and amount of practice.* Annual Meeting of the Southern Society for Philosophy and Psychology, Louisville, KY.
- Rogers, W. A., & Fisk, A. D. (1990, April). *The complexity of the complexity hypothesis: Consistency, complexity, task structure, and amount of practice predict age-related slowing.* Annual Meeting of the Southern Society for Philosophy and Psychology, Louisville, KY.
- Fisk, A. D., Giambra, L. M., Rogers, W. A., & Rosenberg, E. H. (1990, March). *Efficiency of associative and priority learning and young, young-old, and old adults.* Third Cognitive Aging Conference, Atlanta, GA.
- Rogers, W. A., & Fisk, A. D. (1989, November). *Dynamic visual attention: Age-related differences.* Gerontological Society of America, Minneapolis, MN.

- Casey, B. J., Richards, J. E., Rogers, W. A., & Fisk, A. D. (1989, October). *Heart rate and reaction time as indices of automatic and controlled processing in children*. Annual Meeting of the Society for Psychophysiological Research, New Orleans, LA.
- Lee, M. D., Rogers, W. A., & Fisk, A. D. (1989, October). *Transfer of automatic component processes to compatible, incompatible, and conflict situations: Issues for retraining*. Human Factors Society 33rd Annual Meeting, Denver, CO. (**Winner of the Student Paper Award - Training Technical Group.**)
- Rogers, W. A., & Fisk, A. D. (1989, October). *Arithmetic Stroop interference as a function of age: Maintenance and modification of automatic processes*. Human Factors Society 33rd Annual Meeting, Denver, CO.
- Rogers, W. A., & Fisk, A. D. (1989, August). *Predicting the development of skilled performance: An age-related perspective*. Annual Meeting of the American Psychological Association, New Orleans, LA.
- Rogers, W. A. (1988, November). *Target and distractor learning in visual search: Age-related differences*. Annual Meeting of the Gerontological Society, San Francisco, CA.
- Fisk, A. D., & Rogers, W. A. (1988, November). *Priority learning mediates age-related differences in visual search*. Annual Meeting of the Psychonomic Society, Chicago, IL.
- Rogers, W. A., & Fisk, A. D. (1988, October). *Age-related effects of stimulus-specific context on perceptual learning*. Human Factors Society 32nd Annual Meeting, Anaheim, CA.
- Fisk, A. D., & Rogers, W. A. (1988, August). *A connectionist interpretation of age differences in memory/visual search*. Cognitive Science Annual Meeting, Montreal, Canada.
- Fisk, A. D., & Rogers, W. A. (1988, August). *Age-dependent influences of memory and visual load in perceptual learning*. Annual Meeting of the American Psychological Association, Atlanta, GA.
- Rogers, W. A., & Fisk, A. D. (1988, August). *Can stimulus-set context mediate the development of automatic detection?* Annual Meeting of the American Psychological Association, Atlanta, GA.
- Rogers, W. A., & Fisk, A. D. (1988, April). *Age-related influences of massed practice, practice type, and practice order on perceptual learning*. Second Cognitive Aging Conference, Atlanta, GA.
- Fisk, A. D., & Rogers, W. A. (1988, March). *Overview of age-related characteristics of human automatic and controlled information processing*. University Systems Advances in Gerontology and Geriatrics: Creative Energies for Now and Tomorrow. University of Georgia Gerontology Center, Athens, GA.
- Casey, B. J., Rogers, W. A., & Fisk, A. D. (1987, October). *Cognitive skill acquisition: A developmental approach*. Human Factors Society 31st Annual Meeting, New York, NY.
- Fisk, A. D., Rogers, W. A., & Giambra, L. M. (1987, August). *Age-related factors inhibiting automatic process development in visual search*. Annual Meeting of the American Psychological Association, New York, NY.
- Rogers, W. A., & Fisk, A. D. (1987, July). *Age dependent skills training: Theory, data, and guidelines*. Fourth Mid-Central Ergonomics/Human Factors Conference, Champaign-Urbana, IL.

**Teaching Experience****Undergraduate Teaching History**

Quarter/Semester	Course Number	Course Name	Students Enrolled
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**University of Illinois**

Fall 2018	CHLH 494	Technology, Health, & Aging	1
Fall 2017	CHLH 494	Technology, Health, & Aging	6

**Georgia Institute of Technology**

Spring 2016	PSYC 4031	Applied Experimental Psychology	12
Spring 2015	PSYC 4031	Applied Experimental Psychology	25
Spring 2014	PSYC 4031	Applied Experimental Psychology	30
Spring 2012	PSYC 4031	Applied Experimental Psychology	20
Spring 2011	PSYC 4031	Applied Experimental Psychology	23
Spring 2010	PSYC 4031	Applied Experimental Psychology	11
Spring 2009	PSYC 4031	Applied Experimental Psychology	20
Fall 2006	PSYC 1101	General Psychology	118
Fall 2002	PSYC 1101	General Psychology	116
Fall 2001	PSYC 1101	General Psychology	108
Spring 2001	PSYC 1101	General Psychology	140
Spring 2000	PSYC 1101	General Psychology	83
Fall 1999	PSYC 1101	General Psychology	217
Winter 1999	PSY 3303	General Psychology I	98

**The University of Georgia**

Spring 1998	PSY 401	Advanced General Psychology	10
Spring 1997	PSY 401	Advanced General Psychology	14
Winter 1997	PSY 401	Advanced General Psychology	5
Winter 1996	PSY 401	Advanced General Psychology	16
Spring 1995	PSY 401	Advanced General Psychology	23
Winter 1995	PSY 103H	Honors Introductory Psychology	21

**The University of Memphis**

Spring 1994	PSYC 3303	Thinking & Cognitive Processes	32
Fall 1993	PSYC 3303	Thinking & Cognitive Processes	28
Spring 1993	PSYC 3303	Thinking & Cognitive Processes	31
Fall 1992	PSYC 3303	Thinking & Cognitive Processes	23
Spring 1992	PSYC 3303	Thinking & Cognitive Processes	19
Fall 1991	PSYC 3303	Thinking & Cognitive Processes	15

**Graduate Teaching History**

Quarter/Semester	Course Number	Course Name	Students Enrolled
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**University of Illinois**

Summer 2021	HT 512	Health Technology Capstone Implementation	6
Spring 2021	HT 511	Health Technology Capstone Development	6
Fall 2020	HT 510	Health Technology Capstone Orientation	6
Fall 2018	CHLH 494	Technology, Health, & Aging	8
Fall 2017	CHLH 494	Technology, Health, & Aging	11

Spring 2017	ARCH 572	Studio: Aging in the American Dream <i>(Guest lecturing and studio design feedback)</i>	15
<b>Georgia Institute of Technology</b>			
Fall 2016	PSY 7104	Psychomotor & Cognitive Skills	8
Spring 2015	PSY 6043	Engineering Psychology Research Seminar	23
Fall 2014	PSY 6043	Engineering Psychology Research Seminar	17
Fall 2014	PSY 8040	Psychology of Human Robot Interaction	5
Fall 2013	PSY 7104	Psychomotor & Cognitive Skills	15
Fall 2011	PSY 7104	Psychomotor & Cognitive Skills	10
Fall 2011	PSY 6041	Current Topics in Cognitive Aging	15
Spring 2011	PSY 6041	Current Topics in Cognitive Aging	16
Fall 2010	PSY 6041	Current Topics in Cognitive Aging	22
Spring 2010	PSY 7104	Psychomotor & Cognitive Skills	5
Spring 2008	PSY 7104	Psychomotor & Cognitive Skills	9
Fall 2007	PSY 8020	Seminar – Applied Cognitive Aging	14
Spring 2006	PSY 7104	Psychomotor & Cognitive Skills	14
Fall 2005	PSY 8020	Seminar – Applied Cognitive Aging	7
Spring 2005	PSY 7020	Survey of Cognitive Aging	10
Fall 2004	PSY 8040	Seminar – Psychology of HCI	8
Spring 2004	PSY 7104	Psychomotor & Cognitive Skills	8
Spring 2002	PSY 7104	Psychomotor & Cognitive Skills	7
Fall 2000	PSY 7020	Survey of Cognitive Aging	8
Spring 1999	PSY 7011B	Seminar – Training & Aging	10

**The University of Georgia**

Spring 1998	PSY 800B	Human Factors Seminar	6
Winter 1998	PSY 883	Cognition and Aging	4
Spring 1997	PSY 800C	Skill Acquisition Seminar	6
Spring 1996	PSY 800C	Human Factors Seminar	9
Winter 1996	PSY 883	Cognition and Aging	8
Spring 1995	PSY 800B	Human Factors Seminar	4

**The University of Memphis**

Fall 1993	PSYC 8503	Human Factors Seminar	5
Spring 1993	PSYC 7/8211	Cognitive Processes	13
Fall 1992	PSYC 7503	Attention Seminar	9

**Research Mentoring****Post-Doctoral**

Allury Lothary	2020-present	OneClick and ENHANCE
Travis Kadylak	2019-present	TechSage and Human Factors and Aging Laboratory
Lyndsie Koon	2017-2019	TechSage and Human Factors and Aging Laboratory
Lucile Dupuy	2017-2018	CREATE and Human Factors and Aging Laboratory
Michael Bixter	2015-2017	NIH Training Grant
Courtney Hall	2006-2009	VA Advanced Research Career Development Award
Julie Boron	2005-2007	NIH Training Grant
Anne-Sophie Melenhorst	2002-2004	NSF ITR Aware Home Grant
Tracy Mitzner	2001-2003	NIH Training Grant

Christopher Mayhorn	2000-2002	NIH Strategies and CREATE Grant
Joyce Harris	1995-1997	NIH Diversity Supplement Grant

**Dissertation Chairperson:***University of Illinois Urbana-Champaign*

Maurita Harris	in prep	TBD
Madina Khamzina	in prep	TBD
Kenneth Blocker	in prep	TBD
Qiong (Tina) Nie	current	Design guidance for behavioral feedback visualizations to support health self-management for older adults

*Georgia Institute of Technology*

Sean McGlynn	2019	Investigating age-related differences in spatial presence formation and maintenance in virtual reality
Laura Barg-Walkow	2017	Understanding multiple task coordination in a complex healthcare environment ( <i>Winner: George E. Briggs Dissertation Award APA Division 21</i> )
Akanksha Prakash	2016	Understanding social connectedness of older adults who live alone
Cory Smarr	2014	Applying a qualitative framework of acceptance of personal robots
Sara McBride	2014	Understanding the cognitive processes of problem detection and decision making among assisted living caregivers
Cara Fausset	2012	Comprehension of health risk probabilities: The roles of age, numeracy, format, and mental representation ( <i>Winner: George E. Briggs Dissertation Award APA Division 21</i> )
Anne Adams	2010	Understanding the skill of functional task analysis
Marita O'Brien	2010	Understanding human-technology interactions: The role of prior experience and age
Jamye Hickman	2009	Understanding the role of presentation pace in learning a time-sensitive task
Anne McLaughlin	2007	A controlled resource approach to understanding the effects of feedback on learning ( <i>Winner: George E. Briggs Dissertation Award APA Division 21</i> )
Lisa Lewen	2007	Understanding the role of age, work context, and task demands on managers' attitudes
Aideen Stronge	2006	Understanding the role of planning in the performance of complex prospective memory tasks
Richard Pak	2005	An investigation of perceptual load, aging, and the functional field of view

*Eindhoven University of Technology*

Anne-Sophie Melenhorst	2002	Adopting communication technologies in later life: The decisive role of benefits ( <i>co-promoter with Dominic Bouwhuis</i> )
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*University of Georgia*

Nina Lamson	2003	An analysis of adult age-related differences in episodic
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		memory: Understanding and differentiating production and utilization strategies
Brian Jamieson	1999	Incubation and aging: The nature of processing underlying insight
Gabriel Rousseau	1998	Age-related differences in the utilization of conceptually-driven processing
<i>University of Memphis</i>		
Kristen Gilbert	1995	Mental models training and age differences in spatial learning

**Dissertation Committee Member:***University of Illinois Urbana-Champaign*

Yaguang Sun	current	Concerns on smartphone apps among Chinese urban older adults during the COVID-19 pandemic ( <i>School of Art + Design</i> )
Thierry Guigma	current	tbd ( <i>Health and Medical Informatics</i> )
Ryan Santens	current	tbd ( <i>Community Health</i> )
Widya Ramadhani	current	Basic daily activity engagement of older adults aging in place with long term mobility disabilities: Assessment of home accessibility through the person-environment interaction lens ( <i>School of Architecture</i> )
Priscilla Ferronato	2020	Trust in autonomous systems: Investigating human factors and individual differences on dispositional and situational trust ( <i>School of Information Sciences</i> )
Katherine Hsieh	2020	Fall risk assessment with mobile technology for people with multiple sclerosis ( <i>Kinesiology</i> )
Nastaran Shishegar	2020	Impacts of tuning ambient illumination on sleep quality, mood, and cognitive performance in older adults ( <i>School of Architecture</i> )
Jason Cohen	2019	Exploring the acute effects of aerobic exercise and relaxation on fatigue and executive function in breast cancer survivors ( <i>Kinesiology</i> )
Hsiao-Ying Huang	2019	Examining older users' online privacy-enhancing experience from a human-computer interaction perspective ( <i>School of Information Sciences</i> )

*Lund University*

Kiran Gerhardsson	2020	Light, comfort, and joy: User experience of light and darkness in Swedish homes. ( <i>Opponent</i> )
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*University of Rome La Sapienza*

Lorenza Tiberio	2014	Barriers and facilitators to the use of assistive service robots for eldercare: The role of human factors in user-robot interaction ( <i>External Member</i> )
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*Nanyang Technological University*

Benedict Tay Tiong Chee	2013	Understanding the effect of role gender and personality stereotypes on user acceptance of social robots at home ( <i>External Examiner</i> )
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*Delft University of Technology*

Olivier Blanson-

Henkemans

2009

ePartner for self-care: How to enhance eHealth with personal computer assistants (*External Member*)*Georgia Institute of Technology*

Ljilja Kascak

2018

Development and validation of the universal design mobile interface guidelines through a mHealth application for individuals aging with multiple sclerosis (*College of Design*)

Christina Harrington

2017

Understanding the effect of persuasive systems design on older adults' physical activity levels (*College of Design*)

Joseph McDonald

2016

The impact of social and technological factors on task management behavior

Sadaf Kazi

2016

Prospective memory in dynamic environments: The role of uncertainty

Lauren Margulieux

2016

Using subgoal learning and self-explanation to improve programming education

Tiffany Chen

2014

Haptic interaction between naïve participants and mobile manipulators in the context of healthcare (*Robotics*)

Jenay Beer

2013

Understanding older adults' perceptions of usefulness of an assistive home robot

Kathi Olson

2013

Understanding the construct of human trust in domestic service robots

Philart Jeon

2012

Effects of affective states on driver situation awareness and adaptive mitigating interfaces – focused on anger

Jarrod Hines

2012

Understanding age-related differences in knowledge-updating in a categorized list-learning task

Keith Kline

2012

The effects of visualizations and spatial ability on learning from static multimedia instructions

Brian Gane

2011

A framework for demonstrating practice schedule effects in skill acquisition

Star Sinclair

2011

Reality monitoring, metacognitive accuracy, and aging: Expanding the view on age-related deficits for source information

Elsa Eiriksdottir

2011

The role of principles in instructions for procedural tasks: Timing of use, method of study, and procedural instruction specificity

Mike Nees

2009

Internal representations of auditory frequency: Behavioral studies of format and malleability by instructions

Kelly Caine

2009

Supporting privacy by preventing disclosures

Ken Hailston

2009

The effects of multiple feature priming on identifying and locating targets in visual search

Sung Park

2009

Social responses to virtual humans: The effect of human-like characteristics and realism

Quan Tran

2009

Visual summaries augmenting memory recall of repetitive actions (*College of Computing*)

Neta Ezer	2008	Is a robot an appliance, teammate, or friend? Age differences in expectations of and attitudes towards personal home-based robots
Jodi Price	2008	Examining metacognitive control: Are there age-related differences in item selection during self-paced study?
Jesse Zolna	2008	Two-stage process model of learning from multimedia: Guidelines for design
Emanuel Robinson	2006	Impact of causality, strategies, and temporal cues on games of decision
Tim Nichols	2006	Explaining dual-task implicit learning deficits: The effect of within-stimulus presentation
Julian Sanchez	2006	Factors that affect monitoring behavior of automated decision aids ( <i>Winner: George E. Briggs Dissertation Award APA Division 21</i> )
Jim Rowan	2005	Digital family portraits: Support for aging in place ( <i>College of Computing</i> )
Loraine Tarou	2003	An examination of perceptual and cognitive processes associated with foraging in the giant panda ( <i>Ailuropoda melanoleuca</i> )
Regan Campbell	2003	Comparing attention theories utilizing static and dynamic function allocation methods operationalized with an expert system
Bob King	2003	Perceptual grouping selection rules in visual search: Methods of sub-group selection in multiple target visual search tasks
Karen Daniels	2002	Control, automaticity, and working memory: A dual process approach
Brad Fain	2002	An investigation of attention in a consistently mapped auditory detection task
Ellen Bass	2002	Human-automated judgment learning: A research paradigm based on interpersonal learning to investigate human interaction with automated judgments of hazards
Marcie Benne	2001	Methods for assessing the influence of the visual-spatial environment on museum display attraction
Renee Stein	2001	Negative age stereotypes and older adults' memory performance: An examination of age stereotype activation and underlying mechanisms.
Holly Hancock	2001	Aging and inferencing ability: An examination of factors underlying text comprehension
Christy McGuire	2001	Memory monitoring intervention for healthy older adults.
Kathryn Bleckley	2000	Working memory capacity as controlled attention: Implications for visual selective attention
Peter Batsakes	2000	Age-related differences in dual-task search: Understanding the role of component task learning in skilled performance
Zachary Hambrick	2000	An investigation of the relative contributions of working memory capacity and domain-specific knowledge to text comprehension in adults



Paul Gay	2000	An analysis of the influence of order of part task component training on whole task performance
Sherry Mead	2000	Contributions of stimulus-driven and goal-directed processing to visual selection by older and younger observers
Richard Sit	1999	Training attentional control in multiple-task environments: A comparison of younger and older adults
<i>University of Georgia</i>		
Mark Stimson	1998	Learning from hypertext depends on metacognition
Jason Hicks	1998	Divided attention and recognition memory
Joshua Landau	1997	The revelation effect: The role of familiarity
Katharina Echt	1997	The effects of illumination, contrast, and age on text comprehension performance
Narayanan Srinivasan	1996	Spatial frequency based inhibition of return
<i>University of Memphis</i>		
Wesley Spencer	1999	The impact of working memory, amount of contextual detail, and number of sources on memory for facts and contextual information
Wendy Loken	1995	Working memory as a mediator of visuospatial attention: Evidence from normal aging
Allen Thornton	1995	Multiple sclerosis and memory functioning: Associative encoding and encoding specificity
Eugenie Bertus	1994	Differences in inference generation between young and older adults
Maureen Schmitter	1994	The effects of divided attention on the implicit and explicit memory performance of control subjects and severe closed-head injured patients
Ivan Torres	1994	Data-driven and conceptually-driven priming in aging: Towards validation of the processing approach

#### **Sponsor for Visiting Scholars to Human Factors & Aging Laboratory:**

Lizandra Vergara	Universidade Federal de Santa Catarina (December 2019)
Gudur Raghavendra Reddy	University of Canberra (August-December 2019)
Charles Consel	University of Bordeaux (April-June 2019)
Stephanie Morey	Flinders University (September-December 2016)
Willy Barnett	University of Manchester (Summer 2014)
Lorenza Tiberio	University of Rome La Sapienza (February-September 2012)
Qin Tang (Tom)	Tokyo Institute of Technology (August -December 2011)
Wang-Chin Tsai (Wangwang)	National Yunlin University of Science and Technology (March 2010-February 2011)
Kathryn (Thomas) Fike	University of Southern California Gerontology Center (Summer 2007)
Olivier Blanson-Henkemans	Delft University of Technology & TNO (Aug-Dec 2006)

Anne-Sophie Melenhorst      Eindhoven University of Technology (Aug 2000-Feb 2001)

### Preliminary Examination Committee:

#### Committee Chair:

Madina Khamzina	2021		
Maurita Harris	2021	Marita O'Brien	2007
Tina Nie	2020	Jamye Hickman	2007
Kenny Blocker	2020	Lisa Lewen	2005
Sean McGlynn	2017	Anne McLaughlin	2005
Laura Barg-Walkow	2015	Aideen Stronge	2004
Akanksha Prakash	2014	Richard Pak	2004
Sara McBride	2011	Nina Lamson	1999
Cara Fausset	2009	Brian Jamieson	1998
Anne Adams	2008	Gabriel Rousseau	1997

#### Committee Member:

David Illingworth	2016	Ken Hailston	2007
Christina Harrington (College of Architecture)	2015	Jesse Zolna	2006
Joe McDonald	2015	Jodi Price	2005
Sadaf Kazi	2015	Emanuel Robinson	2004
Lauren Margulieux	2014	Tim Nichols	2003
Cory Smarr	2013	Loraine Tarou	2002
Keith Bujak	2012	Meredith Bashaw	2002
Jenay Beer	2012	Tabitha Payne	2002
Kathi Olson	2011	Chuck Robertson	2001
Myounghoon 'Philart' Jeon	2011	Monica Huff	2001
Keith Kline	2009	Marcie Benne	1999
Jarrold Hines	2009	Kate Bleckley	1999
Lisa Mauney	2009	Holly Hancock	1999
Hillary Schwarb	2009	Peter Batsakes	1998
Star Sinclair	2009	Chris Marino	1998
Elsa Eiríksdóttir	2008	Richard Sit	1998
Mike Nees	2008	Chu-Cun Tang	1997
Kelly Caine	2008	Mark Stimson	1997
Sung Park	2008	Jason Hicks	1997
Brian Gane	2008	Joshua Landau	1997
Susan LaGrone	2007	Katharina Echt	1996
Neta Ezer	2007	Narayanan Srinivasan	1995

### Master's Thesis Chairperson:

*University of Illinois Urbana-Champaign*

Megan Bayles	2021	A holistic understanding of domestic robot acceptance by older adults
Daniel Rhee	2020	Older adults' perceptions towards socially assistive robots: Connecting trust and perceived sociability

Maurita Harris	2019	Developing the healthcare technology acceptance model (H-TAM) for older adults
<i>Georgia Institute of Technology</i>		
Kenneth Blocker	2017	Understanding the medication management strategies of older adults with hypertension
Rachel Stuck	2017	Understanding dimensions of trust between older adults and human or robot care providers
Amy Chong	2017	Age-related differences in medication risk taking
Kim Preusse	2016	How people interpret and react to everyday automation issues
Sean McGlynn	2016	Investigating proximal predictors of intra-individual affect variability in older adults
Michael Morgan	2014	Understanding age-related differences in numeracy: A process level approach
Laura Barg-Walkow	2013	Understanding the role of expectations on human responses to an automated system
Akanksha Prakash	2013	Understanding younger and older adults' perceptions of humanoid robots: Effects of facial appearance and task
Ralph Cullen	2011	Human performance in a multiple-task environment: Effects of automation reliability on visual attention allocation
Sara McBride	2010	Effect of workload and age on compliance with and reliance on an automated system
Cara Fausset	2008	On processing line graphs: Understanding aging and the role of spatial and verbal resources
Anne Adams	2006	Inferences and the role of prior knowledge
Marita O'Brien	2006	Effects of shape, layout, and practice on text entry on a virtual keyboard
Jamye Hickman	2004	Age-related effects of action and concept training on developing a system representation
Anne McLaughlin	2003	Attentional demands of input devices in a complex task
Aideen Stronge	2002	Age-related differences in strategies: Investigating problem solving in a complex real-world task
Richard Pak	2001	A further examination of the influence of spatial abilities on computer task performance in younger and older adults
Regan Campbell	2000	An age-related comparison of audio and audio plus video presentation modes for conveying technical information ( <i>Winner: APA Division 20 Master's Proposal Award</i> )
<i>University of Georgia</i>		
Brian Jamieson	1996	Differential effects of training schedules for young and older adults
Gabriel Rousseau	1995	Age-related differences in schema acquisition
<i>University of Memphis</i>		
Wendy Van Wyhe	1994	Acquisition of explicit awareness in an implicit pattern-learning task in young and old adults

Kristen Gilbert	1993	The development of automatic processes for young and older adults
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**Master's Thesis Committee Member:***University of Illinois Urbana-Champaign*

Alex Fliflet	in progress	Understanding the needs of older adult wheelchair and scooter users regarding fall technology
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*Georgia Institute of Technology*

Carolyn Hartzell	2017	Influences of expectations on second target misses in visual search
Ashley Ferguson	2016	Strategy switching in the pediatric intensive care unit
Sarah Gregg	2015	Detection of infection risk: The effects of risk factors, expertise, and time pressure
Laura Schaeffer	2015	Interaction of order of instructional materials and subgoal labels in computer programming
Kathryn Dalrymple	2015	The assembly of product design teams: Do team assembly mechanisms shape team conflict and viability?
Dar-Wei Chen	2015	Comparing usage of metacognitive prompts in reading from screens and paper
Vlad Pop	2012	Individual differences in calibration of trust in automation
Cory-Ann Smarr	2011	Emotion and motion: Age-related differences in recognizing virtual agent facial expressions
Jenay Beer	2010	Recognizing facial expressions of virtual agents, synthetic faces, and human faces: The effects of age and character type on emotion recognition.
Julia DeBlasio	2009	Documentation in a medical setting with young and older adults
Stephanie MacLavery	2008	Are age-related differences in episodic feeling-of-knowing accuracy influenced by the timing of the judgment?
Andrew Mayer	2008	The manipulation of user expectancies: Effects on reliance, compliance, and trust using an automated system
Bart Wilkison	2008	Effects of mental model quality on collaborative system performance
Andrew Kelly	2007	The effect of divided attention on inadvertent plagiarism for young and older adults
Starlette Sinclair	2007	Judgments of learning for source information in meta-memory paradigm: The judgment of source learning
Elsa Eiríksdóttir	2007	Strategies for using instructions in procedural tasks
Mike Nees	2007	Data density and trend reversal in auditory graphs: Effects on point estimation and trend identification tasks
Sung Park	2006	Social facilitation effects of virtual humans
Kelly Caine	2006	Privacy perceptions of visual sensing devices: Effects of users' ability and type of sensing device
Neta Ezer	2006	Toward an understanding of optimal performance with a human-automation collaborative system: Effects of error verification costs

Kenneth Hailston	2005	Effects of priming relatedness and expectancy on visual search performance
Jesse Zolna	2005	Learning from multimedia: The locus of modality effects
Jason Johnson	2004	Type of automation failure: The effects on trust and reliance in automation
Travis Bowles	2004	Perceived product hazard norms in younger and older adults
Abby Heckman	2004	Age differences in emotion regulation in interpersonal situations: The role of affect complexity and expressivity
Emanuel Robinson	2003	The role of item complexity, strategies, instructions, and aging in relational deductive reasoning
Chao-Chung (Albert) Lin	2002	The attention attraction characteristics of signal words under division of attention
Edmundo Sierra	2002	The effect of age, video, instruction complexity, and task difficulty on the performance of an assembly task
Rachel Keyes	2001	Visual perception, search, and attention
Timothy Nichols	2001	Age-related differences in benefit from environmental support in visual search: The role of strategies.
Colleen Parks	2000	Aging and the illusion of truth: Fluency effects on judgments of truth
Victoria Spaulding	2000	Age-related differences in the training, transfer, and retention of perceptual decision making skills
Amy Mykityshyn	2000	Toward age-related training methodologies for sequence-based systems: An evaluation using a home medical device
Kimberly Andrews	2000	Beliefs about older workers' learning and development behavior
Fleming Seay	1999	Assessing the centrality of motion in instructional multimedia: Algorithm animation revisited
Sherry Mead	1997	Age-related effects of procedural and conceptual training for learning a complex skill
<i>Hong Kong Polytechnic University</i>		
Wan Ka Yan Kania	2003	Complicated daily tasks of Chinese elderly with stroke
<i>University of Georgia</i>		
Philip Dunwoody	1998	Cognitive adaptation and its consequences: A test of cognitive continuum theory
Eric Haarbauer	1998	The insight continuum index: Self-insight as a measure of task properties in cognitive continuum theory
Chris Marino	1997	The effect of information display format on performance in a naturalistic decision task
<i>University of Memphis</i>		
Mary Cregger	2000	Memory for activities for young, young-old, and old adults
Susan Briggs	1993	Imagery abilities and working memory in older adults
Wesley Spencer	1993	Aging, contextual memory, and frontal functioning

**Master of Public Health**

*University of Illinois Urbana-Champaign*  
Edward Lam 2018

**Master of Human-Computer-Interaction**

*Georgia Institute of Technology*

Chiu Shun Dan	2012
Aditi Singh	2009
Daniel Serrano-Baquero	2009
Michelle Kwasny	2008
Jamie Weitz	2005
Casey Fiesler	2005
Mark Richman	2003

**First Year Project Reader**

*Georgia Institute of Technology*

Kenneth Blocker	2016	Jenay Beer	2008
Amy Chong	2016	Bart Wilkison	2007
Emily Lustig	2016	Stephanie MacLaverty	2006
Brittany Noah	2016	Cara Bailey	2006
Rachel Stuck	2016	Andrew Mayer	2006
David Illingworth	2015	Neta Ezer	2005
Denise Geiskkovitch	2015	Jason Johnson	2004
Max Silverman	2015	Marita O'Brien	2004
Melanee Nugent	2015	Anne Adams	2004
Ashley Ferguson	2014	Kelly Caine	2004
Sean McGlynn	2014	Julian Sanchez	2003
Kim Preusse	2014	Jamye Hickman	2002
Joe McDonald	2012	Travis Bowles	2002
Laura Barg-Walkow	2012	Anne McLaughlin	2001
Michael Morgan	2012	Just Whittle	2001
Akanksha Prakash	2011	Albert Lin	2001
Chiu Shun Dan	2011	Aideen Stronge	2000
John Burnett	2010	Tim Nichols	2000
Ralph Cullen	2009	Rachel Keyes	2000
Cory-Ann Smarr	2009	Richard Pak	1999
Sara McBride	2008		

**Undergraduate Research: University of Illinois Urbana-Champaign**Honors Thesis

Jenny Lee (2020-2021) “*Understanding older adults’ consideration of robot appearance and function*”

Olivia Kupiek (2020-2021) “*Understanding older adults’ motivations and preferences for medication adherence app*”

Community-Academic Scholars Program

Maya Malecki (summer 2020)

SPARK (Students Pursuing Applications, Research, and Knowledge)

Maya Dye (2020-2021)  
 Olivia Kuhl (2020-2021)  
 Carson Smith (2019-2020)

START (Student Aging Researchers in Training)

Vivian Chay (2020-2021)  
 Siyao Zhang (2019-2020)  
 Jennifer Lee (2018-2019)

I-Health

Jessica Coleman (2019-2020)

**Undergraduate Research: Georgia Institute of Technology**Senior Theses

Qifeng (Maomao) Li "Understanding older adults' intentions to use healthcare technologies" (2016 – advisor)  
 Laura Matalenas "Measuring increases in self-efficacy following a short technology interaction " (2014 – advisor)  
 Shawn Kemple "Active engagement of older adults' interaction with Paro" (2014 – advisor; Biomedical Engineering Program)  
 Jackie Gilberto "Understanding motivations behind social network site use in older adults" (2014 – advisor)  
 Sarah Felipe "Training novices on hierarchical task analysis" (2009 – advisor)  
 Alan Poole "Errors in disclosure and computer mediated systems" (2009 – co-advisor)  
 Daniel Shorr "Degradation of information: Influence on warning symbol comprehension" (2008 – co-advisor)  
 Kaylee Burnham "Effects of immediate experience with a novel technology on privacy concerns" (2008 – co-advisor)  
 Tatyana Kabakova "The effects of pacing in training older adults" (2008 – advisor)  
 Ralph Cullen "Persistence of content knowledge under different learning conditions and experience levels" (2008 – advisor)  
 Amy Laitsch "Understanding planning strategies in the performance of everyday tasks" (2006 – advisor)  
 Michael Metger "Testing design principles that affect graph reading and comprehension" (2005 – advisor)  
 Sarah Whitlock "The effects of cognitive anchoring on trust in automation" (2006 – co-advisor)  
 Rachael Stewart "Dual-task interference in implicit sequence learning" (2005 – co-advisor)  
 Alberta Watkins "The effect of task coherence and part-task training" (2004 – advisor)  
 Gregory Sarkisian "Older adults' opinions of a technology-rich home environment: Conditional and unconditional device acceptance" (2003 – advisor)  
 Casey Fiesler "Conceptual versus procedural feedback in learning to use a home medical device" (2003 – advisor)  
 Judy Tang "Structured interviews of older adults learning basic computer skills" (2001 – advisor)  
 Derek Schroeder "Phrase generation and symbol comprehension" (2000 – advisor)

President's Undergraduate Research Award (PURA)

- Amrutha Vasan (Spring 2016) "Understanding how physicians resume tasks following interruptions"
- Banafsheh (Bonnie) Shaoi (Summer 2015) "Understanding the value perceptions, usage patterns, and emotional involvement on Facebook of older adults who live alone"
- Jaudale Banks (with Dr. Mitzner Summer 2015) "How humans interpret and react to perceived automation errors"
- Hiyong Byun (Spring 2015) "Developing a taxonomy of everyday support needs for older adults with disability"
- Evelyn Chang (Spring 2014) "Automation use and expectations"
- Braedon Snook (with Dr. Mitzner Fall 2013) "Stress reduction through social robot interventions"
- Laura Matalenas (Summer 2013) "Predicting technology acceptance"
- Jackie Gilberto (with Dr. Mitzner Summer 2013) "The potential for personalized technologies for older adults"
- Shelby Long (with Dr. Mitzner Spring 2013) "Understanding younger and older adults' trust in service robots"
- Eric Turnquist (Fall 2012) "The potential of robotic assistance for professional caregivers"
- Sarah Johnston (Spring 2011) "Task challenges experienced by home health care providers"
- Kaitlyn Geldbach (Summer 2009) "User interactions with everyday technologies"
- Kaylee Burnham (Spring 2007) "Technology use by older adults"
- Daniel Shorr (Spring 2007) "Factors of technology acceptance"
- Gillian Housman (Fall 2006) "Center for Research and Education on Aging and Technology Enhancement"
- Emily Seifert (Spring 2006) "Business and psychological aspects of technology acceptance"

Undergraduate Research Spring Symposium

- Evelyn Chang (April 2014). "Understanding how expectations impact perceived reliability of automation"
- Shawn Kemple (April 2014). "Active engagement of older adults' interaction with Paro"
- Shelby Long (April 2013). "A multi-faceted approach to investigating younger and older adults' trust in service robots"
- Min Sun Park (April 2012). "Assessing the relationship between math ability and health numeracy for younger and older adults"
- Sarah Johnston (April 2011). "Task challenges experienced by home health care providers"
- Alan Poole (April 2009). "Errors of disclosure in computer mediated systems"
- Sarah Felipe (April 2009). "Training novices on hierarchical task analysis"

Undergraduate Research Internship

- Melissa Shields (Summer & Fall 2002)
- Gregory Sarkisian (Summer & Fall 2002)
- Elizabeth Gibson (Fall 2001 & Spring 2002) "Exploring the validity of the MMSE as an exclusionary criterion in the CREATE battery"

**Major Area Papers** (University of Memphis):

- Kristen Gilbert "A review of mental models" [Chairperson]
- Wesley Spencer "Differential age effects on memory for content and context: A quantitative review" [Committee Member]



Allen Thornton "Memory deficits in multiple sclerosis: Organizational and strategic processing deficits" [Committee Member]  
 Wendy Loken "Neuroanatomical networks involved in attentional processing" [Committee Member]  
 Natalie Person "A review of tutoring" [Committee Member]  
 Maureen Schmitter "The effects of closed-head injury on performance: search of an attention-deficit hypothesis" [Committee Member]  
 Ivan Torres "The neural basis of verbal priming: A processing approach " [Committee Member]

**Master's Specialty Exam** (University of Memphis):

Roderick Lilly "Self-appraisal as a predictor of memory abilities and task performance"  
 [Faculty Advisor]

**Undergraduate Research Supervision** (University of Memphis):

Jennifer L. Clark, "Does practice order affect memory skill acquisition for young and old adults?" (*Awarded first place in The University of Memphis Graduate and Undergraduate Research Forum*)  
 Rolf J. Trainor, "Pictorial naming differences between younger and older adults", Undergraduate Research Scholars Program (chosen to represent The University of Memphis at the National Conference on Undergraduate Research; *awarded first place in The University of Memphis Graduate and Undergraduate Research Forum*)  
 Jennifer E. Nestor, "Age-related differences in working memory", Undergraduate Research Scholars Program (chosen to represent The University of Memphis at the National Conference on Undergraduate Research)  
 Mary E. Cregger, "The effects of length and type of task on recall for activities in older and younger adults", Undergraduate Research Scholars Program (awarded second place in Works in Progress Symposium; *awarded first place in The University of Memphis Graduate and Undergraduate Research Forum*)

**Professional Service Activities**

LeadingAge Center for Aging Services Technologies (CAST) Commissioner (2019-present)  
 Center for Health Design, Advisory Council for Healthcare at Home (2017)  
 Board of Directors – Federation of Associations in Behavioral and Brain Sciences (FABBS) (Member-at-Large: Jan 2014-Dec 2016)  
 Advisory Board Member – Atlanta VAMC Rehabilitation Research and Development Center of Excellence for Visual and Neurocognitive Rehabilitation (June 2011-Dec 2016)  
 Advisory Committee, Emory Center for Health in Aging (June 2010- Dec 2016)  
 Steering Committee – Design and Technology for Healthy Aging (DATHA) Initiative (March 2009- Dec 2016)  
 International Program Committee of ICT4AgeingWell 2015: International Conference on ICT for Ageing Well and e-Health (2015)  
 Board of Certification in Professional Ergonomics (BCPE) Job Analysis Subject Matter Expert Panel (October 2014)  
 Board of Directors – FABBS Foundation (Secretary: Jan 2009-Dec 2010; Member-at-Large: Jan 2011-Dec 2013)  
 Aptima Scientific Advisory Board (2012-2014)

SimpleC Science Board (2011-2014)

Consultant – General Hospital and Personal Use Devices Panel of the Medical Devices Advisory Committee, Center for Devices and Radiological Health, Food and Drug Administration (June 2011-2014)

Judge, Silicon Valley Boomer Venture Summit and Business Plan Competition (May 2010)

Scientific Advisory Board, SeniorSMART Center for South Carolina (2007-2009)

Member, National Academy of Science Committee on Human Factors (2006-2008)

Program Committee, 3<sup>rd</sup> Yearly Usability Symposium – Symposium of the WG HCI & US of the Austrian Computer Society - Medical Usability & HCI for Health Care (2007)

Coordinator of Congressional Briefing – cosponsored by the Human Factors & Ergonomics Society and the Federation of Behavioral, Cognitive, and Psychological Sciences

*Preventing the Number One Causes of Crashes: Driver Safety through Human Factors Science* November 13, 2007

Coordinator of Science Forums – cosponsored by the Human Factors & Ergonomics Society and the Federation of Behavioral, Cognitive, and Psychological Sciences, Washington, DC

*Human Factors Research in Science and Technology Education: Accelerating U.S. Competitiveness* November 13, 2006

*Homeland Security Applications of Human Factors and Ergonomics Research* November 17, 2005

*Human Factors and Patient Safety Research* October 15, 2004

Council of Scientific Society Presidents (2004-2005)

External Review Committee for Research in Technology Management at Eindhoven University of Technology; for QANU – Quality Assurance Netherlands Universities (January 2005)

National Research Council Steering Committee for Workshops on Adaptive Aging: From Gerontology to Technology (2002-2003)

National Steering Committee - Wayne State University Institute of Gerontology (2002-2005) Secondary Co-chair 2003-2004; Lead Co-Chair 2004-2005

Technical Advisory Group for "Lexicon of Technologies in Long-Term Care Settings" at the Polisher Research Institute (Philadelphia Geriatric Center) (2003)

Board of Directors of Cognitive Aging Conference, Inc. (1999-2016)

Advisory Board Member, Center for Aging and Cognition: Health, Education & Technology (1998-2003)

## **Professional Society Activities**

### American Psychological Association

Editor Search Committee Member (2020) – *American Psychologist*

Editor Search Committee Co-Chair (2016) – *Journal of Experimental Psychology: Human Perception and Performance* and *Journal of Experimental Psychology: General*

Editor Search Committee Member (2015) – *American Psychologist*

Science Showcase Steering Committee (2011)

Advisory Board – Office of Applied Psychological Science (2007-2008)

Council Member: Council on Division/APA Relations (1998-2000)

Division 21 - Applied Experimental and Engineering Psychology

List Server Manager (1996-2002)

Awards Chair (1999)

President-Elect, President, Past-President (1996-1999)

Golden Anniversary Commission Representative (1996-1997)

Nominations and Elections Committee (1995-1997)

Member-at-Large, Executive Committee (1995-1996)  
 Program Chair (1995 Annual Meeting)  
 Special Membership Committee (1994)  
 Program Committee (1993-1996)

Division 20 - Adult Development and Aging

Reviewer (1997 Annual Meeting)  
 External Organization Linkage (1994-1996)  
 Reviewer, Pre-Doctoral and Post-Doctoral Research Awards (1994, 1998)

Human Factors and Ergonomics Society

Oliver Hansen Outreach Award Committee (2018; 2019, 2020)  
 President-Elect, President, Past-President (2003-2006)  
 Professionalism Subcouncil (chair 2005-2006)  
 Chair of Federation Events (2004-2007)  
 International Ergonomics Association Representatives Committee (2004-2008)  
 Faculty Advisor – Georgia Tech HFES Student Chapter (1999-2016)  
 Executive Committee (2003-2006)  
 Corporate Activities Subcouncil (2003-2006; chair 2004-2005)  
 Finance and Budget Committee (2003-2005)  
 Parliamentarian (2003-2004)  
 Policy and Planning Committee (2003-2006; chair 2003-2004)  
 Nominations and Elections Committee (2003-2004)  
 Professional Standards Committee (2002-2003)  
 Keynote Speaker Selection Ad hoc Committee to the Technical Program Committee (2003)  
 Annual Meeting Policy Committee (2001-2002)  
 Executive Council (1997-2000)  
     Executive Committee Member (1998-2000)  
     Chair of Subcouncil on Internal Relations (1998-2000)  
     Chair of Subcouncil on External Relations (1997-1998)  
 Chair of Student Affairs (1995-1998)  
*Ergonomics in Design* Award Committee (1995, 1999, 2001, 2004)  
 Local Organizing Committee (1994 Annual Meeting)  
 Aging Technical Group  
     Reviewer (1994-1996, 1998-2001 Annual Meetings)  
     Program Chair (1992, 1993 Annual Meetings)  
     Award Chair, Arnold M. Small Memorial Award (1993)  
     Executive Committee, International Ergonomics Association  
 Individual Differences in Performance Technical Group  
     Secretary-Treasurer (1994-1996)  
 Training Technical Group  
     Secretary-Treasurer (1996-1998)  
     Reviewer (1997, 1998 Annual Meetings)  
     Program Chair (1995 Annual Meeting)

Gerontological Society of America

Editor Search Committee Member (2017) - *Journal of Gerontology: Psychological Sciences*  
 Coordinator, Mentorship Committee - Behavioral and Social Sciences Section (1989-1990)  
 Student Representative, Executive Board - Behavioral and Social Sciences Section (1988-1990)

Committee Member, Student Paper Award (1989)

### Other Societies

Reviewer, Conference on Human Robot Interaction (2015)

Reviewer, ACM SIGCHI Conference on Human Factors in Computing Systems (2003; 2015)

Reviewer, International Society for Gerontechnology (2008)

Program Committee, Georgia Gerontology Society (2004)

Reviewer, Triennial Congress of International Ergonomics Association (1994)

Local Arrangements, Southern Society for Philosophy and Psychology (1992)

### **Continuing Education**

Understanding Excel Workshop (August 2010)

T-Square Training – Basics (web based course management tool; 2008)

Teaching Fellow, Georgia Tech Center for Enhancement of Teaching and Learning (1998-1999)

WebCT Training (web based course management tool; 1998)

Introduction to WebCT; Navigation and Organization; Customizing WebCT

Human Performance in Complex Systems, tutorial sponsored by Division 21 of American Psychological Association (March, 1998)

Cognitive Modeling for Virtual Reality, tutorial sponsored by Division 21 of American Psychological Association (February, 1997)

Emerging Issues in Differential Psychology: Human Factors Implications of Individual Differences in Work and Activities of Daily Living, tutorial sponsored by Division 21 of American Psychological Association (March, 1996)

Human Factors and Ergonomics Society Workshop (October, 1995)

Questionnaire Design and Use: A Primer for Practitioners

American Society on Aging Summer Series (June, 1995)

In-home Capability and Environmental Assessment

In-home Assistive Technology and Environmental Modification

### **Editorial/Reviewing Activities**

#### Advisory Boards:

*Innovation in Aging* (2017-present)

*Current Directions in Psychological Science* (2009-2012)

#### Chief Editorial Advisor:

American Psychological Association (2015-2018)

#### Editor:

*Journal of Experimental Psychology: Applied* (incoming 2007; editor 2008-2013)

#### Associate Editor:

*Human Factors* (2005-2006)

*Ergonomics in Design* (1994-2005)

#### Editorial Boards:

*Human Factors* (1990-2004)

*Psychology and Aging* (1997-2000)

#### Grant Reviewing (US):

National Institute on Disability, Independent Living, and Rehabilitation Research – Disability and Rehabilitation Research Projects (DRRP) (July 2020)

National Institutes of Health, Small Business Innovation Research Panel – Disease

Prevention and Management, Risk Reduction and Health Behavior Change (July 2020)  
 Small Projects in Rehabilitation Research (SPiRE) – Department of Veterans Affairs  
 Office of Research and Development’s Rehabilitation Research and Development  
 Service (April 2018)

Retirement Research Foundation (July 2016)

National Institutes of Health, Special Emphasis Panel: Understanding and Promoting  
 Health Literacy (February 2015)

National Science Foundation (June 2009; April 2013; Sept 2014)

Oregon Roybal Center for Aging & Technology (ORCATECH) Pilot Grant (June 2013)

National Institute of Disability and Rehabilitation Research: RERC on Technologies for  
 Successful Aging (March 2007)

State of South Carolina (January 2007)

National Institutes of Health, Special Emphasis Panel: Aging Systems and Geriatrics  
 (March 2004)

National Institutes of Health, Special Emphasis Panel on Aging - Small Business  
 Innovation Research and Small Business Technology Transfer (March 1998; August  
 1996; April 1996)

National Institutes of Health, Human Development Review Panel - Ad Hoc Reviewer  
 (February 1997)

National Institutes of Health, Biological and Clinical Aging Review Committee (October  
 1995; November 1994)

Claude Pepper Older Americans Independence Center Pilot Grant Competition

Grant Reviewing (International):

Swiss National Science Foundation (June 2020)

Fondation pour la Recherche Médicale (September 2016)

Flemish Agency for Innovation and Entrepreneurship (August 2016)

Israeli Ministry of Science, Technology, and Space (February 2015)

Natural Sciences and Engineering Research Council of Canada (July 2012)

Health Research Council of New Zealand (February 2008)

Ad Hoc Reviewer – Journals:

*Aging, Neuropsychology, and Cognition*

*American Psychologist*

*Applied Cognitive Psychology*

*Applied Ergonomics*

*Behaviour and Information Technology*

*Canadian Journal of Communication*

*Developmental Neuropsychology*

*Developmental Psychology*

*Diabetes Technology & Therapeutics*

*Ergonomics*

*Experimental Aging Research*

*Foundations and Trends in HCI*

*Gerontechnology*

*Gerontologist*

*Health and Technology*

*Health Education Research*

*Healthy Aging Research*

*Housing Studies*

*Innovation in Aging*

*Interacting with Computers*

*International Journal of Human-Computer  
 Studies*

*International Journal of Human Factors &  
 Ergonomics*

*International Journal of Psychology*

*International Journal of Social Robotics*

*Journal of Aging and Health*

*Journal of Applied Gerontology*

*Journal of Experimental Psychology: Applied*

*Journal of Experimental Psychology: Human*

*Perception and Performance*

*Journal of Experimental Psychology: Learning,*

*Memory, and Cognition*

*Journal of Medical Internet Research*

*Journal of the Experimental Analysis of Behavior*

*Journals of Gerontology: Psychological Sciences*

*Perception & Psychophysics*

*Personnel Psychology*

*Pervasive and Mobile Computing*

*Psychology and Aging*

*Transactions on Computer-Human Interaction*Ad Hoc Reviewer – Publishers:

Academic Press	Kluwer Academic Publishers
CRC Press	Norton Publishers
Harcourt-Brace Publishers	Oxford University Press
Human Factors & Ergonomics Society	Taylor & Francis

**Service****University of Illinois**University

Campus Awards and Honors Committee	2019-2021
Review of Director of the Interdisciplinary Health Sciences Institute (IHSI)	2019-2020
Discover Partners Institute	2018-2019
Health & Wellness Working Group	
Social Determinants of Health Subcommittee	
Campus Awards and Honors Committee	2018-2019
OSF Saint Francis Medical Center Collaborations: Innovation and Research Working Group	2017-2018
The Next 150 Strategic Planning Session: Foster Scholarship, Discovery, and Innovation	2017
Promotion Appeal – Provost Review Committee	2017

College of Applied Health Sciences

Review Committee: Dean of Applied Health Sciences	2020-2021
Search Committee – LIFE Home Assistant Director for Research	2019
Executive Committee	2017-2019
Promotion & Tenure Committee	2017-2019
Special Designations Committee	2017
Corporate and Foundation Relations	
Strategic Planning Committee	2017-2018
Center for Health, Aging, and Disability (CHAD) Senior Faculty Committee	2017-2018

Department of Kinesiology and Community Health

Strategic Planning Committee	2020-2021
Department Advisory Committee	2017-2018; 2020-2022
Promotion & Tenure Committee	2019-2021
Teaching Evaluation (Hyojung Kang)	2020
Faculty Mentor (Minakshi Raj)	2020-present
Faculty Mentor (Hyojung Kang)	2020-present
Faculty Mentor (Harshal Mahajan)	2019-present
Faculty Mentor (Chelsea Singleton)	2019-present
Faculty Mentor (Tim Hale)	2018-present
Faculty Mentor (Dominika Pindus)	2018-present

Faculty Mentor (Shannon Mejia; Neha Gothe)	2017-present
Faculty Search Committee Chair (Health Technology)	2019
Teaching Evaluation (Chelsea Singleton)	2019
Teaching Evaluation (Naiman Khan)	2018 & 2019
Faculty Search Committee (Aging, Technology, and Health)	2017

Department of Human Development & Family Studies

Director Search Committee (Family Resiliency Center)	2019-2020
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Interdisciplinary Health Sciences Institute (IHSI)

Faculty Mentor NIH Grant Writing Series Mary Pietrowicz	2020-2021
Laura Rice	2017-2018

College of Engineering

Faculty Mentor (Abigail Woolridge)	2018-present
Faculty Search Committee (Industrial & Enterprise Systems Engineering) (Cognitive Human Factors)	2017-2018

College of Agriculture, Consumer, and Environmental Sciences

Research Academy Mentoring	
- Graduate Student Mentoring	2018; 2019
- Research Planning: Funding and Publications	2017

**Georgia Institute of Technology**

Institute

Institute Promotion & Tenure Committee	2010-2012
Mentor, ADVANCE Career Coaching Session	2008

College of Sciences

Search Committee – School of Psychology Chair	2010-2011
Panelist – P & T Discussion	2008
Search Committee – School of Psychology Chair	2007-2008
Review Committee – School of Psychology Chair	2006-2007
Dean’s Tenure & Promotion Advisory Committee	2003-2006
Review Committee – School of Psychology Chair	2001-2002

College of Architecture

Search Committee – School of Industrial Design Chair	2010
Search Committee – Director of the Center for Assistive Technology and Environmental Access	2001-2002

College of Computing - GVU

Foley Scholar Award Reviewer	2013; 2014
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GVU Steering Committee	2001-2006
<i>School of Psychology</i>	
Program Director: Cognitive Aging Training Grant	2012-2016
Post Tenure Review Committees	1999, 2000, 2001, 2006, 2007, 2008, 2009, 2011, 2012
Promotion and Tenure Committees	2007, 2009, 2013, 2014, 2015
Curriculum Committee	2004-2012
Brown Bag Series Coordinator for Cognitive Aging Program	2000-2010 (became a course in 2010)
50 <sup>th</sup> Anniversary Committee	2009-2010
Faculty Advisor:	
HFES Student Chapter	1999-2016
Psychology Club	1998-2001
Psi Chi	1999-2001
Colloquium Series Coordinator for Engineering Psychology Program	1998-2009; 2013 (became a course in 2014)
Advisory Committee	1998-2000; 2001-2003; 2008-2009; 2013-present
Personnel Committee	2003-2006 (Chair 2005-2006); 2008- 2009; 2013-2014
Faculty Search Committee (Cognitive Aging)	2005-2006; 2006-2007
Faculty Search Committee, Chair (Cognitive)	2003-2004
Faculty Search Committee (Multivariate)	2001-2002
Ad Hoc Committee on Senior Theses	2001
Teaching Effectiveness ad hoc Committees	1999-2002; 2005; 2014
Faculty Search Committee (Engineering Psych) (Chair, 2000-2001; 2014-2015)	1999-2001; 2014-2015
Faculty Search Committee (Cognitive)	1999-2000
Graduate Admissions Coordinator for Engineering Psychology Program	1998-2000
Ad Hoc Committee on Graduate Student Teaching Requirements	1998-1999
Faculty Search Committee (I/O)	1998-1999
<i>Other</i>	
Presentation Judge – President’s Scholars in Psychology 1000	Spring 1998; Fall 1999
<b>The University of Georgia</b>	
Presentation Judge - Psi Chi Conference	1996 & 1997
Faculty Search Committee (Experimental)	1997
Long-Range Development and Planning Committee, Chair	1997-1998
Cognitive/Experimental Program Curriculum Review Committee	1997
Personnel Advisory Committee	1996-1997



Position Advisory Committee	1996
Undergraduate Studies Committee	1995-1998
Chair - Semester Transition Subcommittee	
Undergraduate Awards Subcommittee	

### **The University of Memphis**

Personnel Committee	1993-1994
Faculty Search Committee	1993-1994
Consortium Committee	1993
Ethics Committee	1992
Curriculum Committee	1992-1994
Equipment Committee	1991-1993

### **Research Consultation Activities**

Alzheimer's Disease Programs Initiative	CRIS Healthy Aging Center (Community Research Resource Information & Services for Seniors)
Senior Living Project/Sundial	State Farm
Medication Education, Decision Support, Reminding, and Monitoring System (MEDSRem)	University of Arizona, PI Kathie Insel
Development of Personalized Assistive Technology to Improve Dementia Care at Home	SBIR awarded to SimpleC – PIs Chantal Kerssens then Anne Adams
Digital Life Living in Place Field Study	AT&T Digital Life project with Lee Callaway
Cognitive Training and Dual Task Ability in Older Adults	VA Research Award awarded to Courtney Hall – Atlanta VA & Emory University
Home-Based Automated Therapy of Arm Function after Stroke via Tele-Rehabilitation	R01 awarded to Gitendra Uswatte – University of Alabama at Birmingham (Taub Training Clinic)
Dual-Task Ability and Fall Risk in Older Adults	VA Research Career Development Award to Courtney Hall – Atlanta VA & Emory University
Computer-Based Assessment of Mild Cognitive Impairment	SBIR awarded to Walter Schneider – Psychological Software Tools
Understanding and Improving Functional Health Literacy for Older Adults	National Institutes of Health Grant submitted by Joyce Harris (University of Texas)
Information Technologies to Improve Patient Adherence	National Institutes of Health Grant awarded to Raymond Ownby (University of Miami)
Mental Models as a Training Tool for Young and Old Adults	National Institutes of Health Grant applied for by Kristen Gilbert (U. of Montevallo)
A Home-Care Companion for Enhanced Medication Compliance	Small Business Innovation Research Program Grant submitted by IA, Inc.
Computational Approaches to Aging, Vision, and Search	National Institutes of Health Grant applied for by Beth Davis (Georgia Tech)

Automatic Process Development Following  
Closed Head Injury

National Institutes of Health Grant awarded to  
Maureen Schmitter-Edgecombe  
(Washington State University)

Graphic User Interface Analysis

Partner Software

Automatic Teller Machine Design

National Cash Register (NCR)

Public Transportation Project

Creative Action, Akron, Ohio

Model Home for the Elderly

Berlin, Germany

Part-Task Training Review

International Business Machines (IBM)