

# JENAY M. BEER

Institute of Gerontology  
Department of Health Promotion and Behavior  
College of Public Health and School of Social Work, University of Georgia  
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GoogleScholar: <https://scholar.google.com/citations?user=5BnVZi4AAAAJ&hl=en&oi=ao>

## ACADEMIC HISTORY

<i>Present Rank</i>	Assistant Professor, appointed at UGA August 1, 2017
<i>Proportion Time Assignments</i>	9 month, 75% FTE; 40.4% Instruction, 34.5% Research, 0% Service
<i>Tenure Status</i>	Tenure Track
<i>Graduate Faculty Status</i>	Appointed to Graduate Faculty August 2017

## Education

Georgia Institute of Technology	Ph.D. Engineering Psychology (Human Factors)	2013
Georgia Institute of Technology	M.S. Engineering Psychology (Human Factors)	2010
University of Dayton, Ohio	B.A. Psychology, Magna Cum Laude	2006

## Academic Positions

University of Georgia	<i>Assistant Professor</i> , Institute of Gerontology; Department of Health Promotion and Behavior College of Public Health; School of Social Work	2017-current
University of South Carolina	<i>Assistant Professor</i> , Department of Computer Science and Engineering; College of Engineering & Computing; College of Social Work	2014-2017

## Affiliations

Delta Omega Beta Chi	<i>Faculty Inductee</i> , UGA College of Public Health	2020-current
Cognitive Aging Research and Education Center (CAREcenter)	<i>Co-Director, co-Founder</i> , Institute of Gerontology, University of Georgia	2019-current
Technologies to Support Aging-in-Place for People with Long-Term Disabilities - TechSAGE	<i>Investigator</i> (TechSAGE I), <i>Advisor</i> (TechSAGEII), Georgia Institute of Technology, University of Illinois at Urbana-Champaign	2017-current
Assistive Robotics and Technology Laboratory	<i>Director</i> , Department of Computer Science and Engineering, University of South Carolina	2014-2017
SmartHOME, a SmartState Center of Economic Excellence	<i>Associate Director of Usability</i> , College of Social Work, University of South Carolina	2014-2017
Office for the Study of Aging	<i>Faculty Affiliate</i> , Arnold School of Public Health, University of South Carolina	2015-2017
Center for Computational Robotics	<i>Faculty Affiliate</i> , Department of Computer Science and Engineering, University of South Carolina	2015-2017

## RESEARCH KEYWORDS

Aging, Aging-in-Place, Assistive Technology, Educational Robotics, Gerontechnology, Gerontology, Human Factors, Human-Computer Interaction, Human-Robot Interaction, Psychology, Smart Homes

**POST-GRADUATE HONORS, AWARDS, & NOMINATIONS**

First Inaugural Faculty Innovation Fellows, Innovation Gateway, UGA	2019-2020
<ul style="list-style-type: none"> <li>UGA NSF iCorps, commercialization training, award: \$10k</li> </ul>	
Best Overall Poster and Presentation, SE Gerontology Student Mentoring Conference	2018
<ul style="list-style-type: none"> <li>Mentored MPH student, Kasey Smith.</li> </ul>	
Teacher of the Year Nomination, School of Social Work, UGA	2018
<ul style="list-style-type: none"> <li>Student nomination for Teacher of the Year, MSW-Athens Program</li> </ul>	
Graduate School Outstanding Mentoring Award Nomination, UGA	2018
<ul style="list-style-type: none"> <li>Student nomination, research guidance, preparation for career placement</li> </ul>	
Leadership and Service Awards Nomination and Finalist, UofSC	2017
<ul style="list-style-type: none"> <li>Student nomination contribution to community/university through service</li> </ul>	
Distinguished Undergraduate Research Mentor Award Nomination, UofSC	2017
<ul style="list-style-type: none"> <li>Student nominated; excellence in undergraduates research mentorship</li> </ul>	
First Place Discovery Day Poster Award, University of South Carolina	2016
<ul style="list-style-type: none"> <li>Mentored undergraduate computer science student, Omar Ansari</li> </ul>	

**INSTRUCTION**

<b>University of Georgia</b>		<b>Year(s)</b>	<b>Enrolled</b>	<b>Credit</b>	<b>Rating</b>
Social Work Research Methods	SOWK 7126	Spg 2022	17	51	--
		Spg 2022	21	63	--
Public Health and Aging	GRNT 8200	Spg 2021	6	18	--
		Spg 2020	20	60	--
Smart Tech in an Aging Society	GRNT 7500	Fall 2020	4	12	4.1/5
		Fall 2019	11	33	5.0/5
		Fall 2018	14	42	4.7/5
Smart Tech in an Aging Society	GRNT 3500	Fall 2020	8	24	4.8/5
		Fall 2018	19	57	4.9/5
Social Work Healthcare Settings	SOWK 7190	Spg 2018	14	42	4.7/5
Undergraduate Mentorship	GRNT 4960-4990	2018-2019	7	21	--
	HPRB 4960	2020-2021	6	12	--
Masters Mentorship	HPRB 7000	2019	2	9	--
	PBHL 7560, 7800	2020	5	21	--
	GRNT 8000-8010	2019-2021	5	15	
Doctorate Mentorship	HPRB 8000	2019	2	6	
	HPRB 9000-9300	2019-2021	7	41	--
	SOWK 8309- 8429	2019-2020	4	12	
	SOWK 9000-9300	2019-2021	9	48	
<b>University of South Carolina</b>		<b>Term</b>	<b>Enrolled</b>	<b>Credit</b>	<b>Rating</b>
Human Behavior Social Environ	SOWK 341	Spg 2016	14	--	4.6/5
		Fall 2016	43		4.6/5
Human-Computer Interaction	CSCE 572	Fall 2015	18	--	4.8/5
		Fall 2014	19		4.8/5
Human Behavior Social Environ	SOWK 716	Spg 2013	17	--	4.7/5
<b>Georgia Institute of Technology</b>		<b>Year</b>	<b>Enrolled</b>	<b>Credit</b>	<b>Rating</b>
Engineering Psychology	PSYC 2270	Fall 2012	39	--	4.7/5
Introductory Psychology	PSYC 1101	Spg 2013	100+	--	n/a
		Fall 2010			
Applied Experimental Psych Lab*	PSYC 4031	Spg 2012			4.7/5
		Spg 2011	13-25	--	4.4/5
		Spg 2010			4.6/5

## UNIVERSITY OF GEORGIA RESEARCH MENTORSHIP

Doctoral Students	Degree	Dissertation Topic	Years
Kasey Smith	Public Health	(Committee member) mHealth Nutrition	2018 – current
Lydia Burton	Public Health	(Chair) Technology for Social Engagement	2021 – current
Anita Reina	Public Health	(Committee member) Mindfulness Eating	2020 – current
Lindsay White	Public Health	(Committee member) Fitness Tracker Use	2019 – current
Bailey Collette	Public Health	(Chair) Rural Dementia Awareness	2018 – current
George Mois	Social Work	(Chair) Telepresence for Addressing Loneliness	2018 – 2021
Jessica Shotwell	Public Health	(Committee member) Health Literacy Autonomy	2017 – 2021
Masters Students	Degree	Thesis or Project	Years
Samantha Clay	MSW	(GA) Dementia Care Partner Support Guide	2022 – current
Erin Adelmeyer	MSW	(GA) Dementia Care Partner Support Guide	2021 – current
Kellye Call	MSW	(GA) Dementia Individualized Support Planning	2020 – 2021
Deborah Kim	MSW	(GA) Dementia Education/Support Programming	2019 – 2021
Chelsea Johnson	MSW/MPH	(Capstone) Cancer Survivorship Programming	2019 – 2020
Bailey Collette	MPH	(Internship) Piano Robot	2018 – 2020
Madeline Eason	MPH	(Capstone) Dementia Education Evaluation	2019 – 2020
Taylor Mackin	MSW	(GA) Tele-exercise Feasibility	2017 – 2019
Taylor Kennedy	MSW/MPH	(GA) Lung Cancer Survivorship	2017 – 2019
uGrad Students	Degree	Project	Years
Ifeolusa Adu	Public Health	Grandparents Raising Grandchildren	2021 – current
Kathryn Calloway	Public Health	Tele-Cognition	2021 – current
Arya Datta	Public Health	Nutrition <i>CURO scholarship recipient</i>	2020 – current
Sarah Schultz	Public Health	Piano Robot <i>CURO scholarship recipient (twice)</i>	2019 – 2021
Marielle Quinn	Public Health	Dementia Education and Outreach	2020 – 2021
Amber Data	Public Health	Tele-exercise <i>CURO scholarship recipient</i>	2018 – 2020
Claire Anderson	Public Health	Piano Robot	2019 – 2020

## UNIVERSITY OF SOUTH CAROLINA RESEARCH MENTORSHIP

Doctoral Students	Degree	Dissertation Topic	Years
Karina Liles	CS	(Chair) Ms. An: the Robot Teaching Assistant <i>SPARC and GEM Scholarship Recipient</i>	2013 – 2018
Xian Wu	CS	(Chair) Usable Privacy-Enhanced Telepresence	2013 – 2018
Masters Students	Degree	Thesis or Project	Years
Abena Boateng	MSW	Fall Risk Education for Caregivers	2016 – 2017
Satasade Roberts	MSW	Challenges in Aging-in-Place Focus Groups	2016 – 2017
Sarah Andress	MSW	Technology Use in Senior Care	2016 – 2017
Briana Calhoun	MSW	Technology Use in Senior Care	2015 – 2017
Allison Hoyt	MSW	Video Diary with African American Older Adults	2015 – 2016
Melissa Henderson	Engin Mgmt	Industrial Robot Acceptance	2014 – 2015
Michelle Boren	MSW	Robot Music Therapy for Children with Autism	2013 – 2015
Allison Kacmar	MSW	Smart Presence for Retirement Communities	2014 – 2015
Tashay Davis	MSW	General Graduate Assistant	2014 – 2015
uGrad Students	Degree	Project	Years
Abby Holdeman	CS	Educational Robotics	2015 – 2017
Clifton Perry	CS	Educational Robotics	2015 – 2017
De'Aira Bryant	CS	Robotic Assisted Teaching <i>Magellan Scholarship Recipient</i>	2014 – 2017
Emma Dorbina	CS	Telewellness; ARTlab Webmaster	2014 – 2017
Rebecca Thomas	Psych	Telewellness for Older Adults with Disability	2015 – 2016
Omar Ansari	CS	Use of Telepresence in Classrooms <i>Magellan Scholarship Recipient</i>	2014 – 2016

Ben Aaron	CS	General Research Assistant	2014 – 2016
Alyssa Shofner	CS	EDICT: Triage App	2015 – 2016
Rachel Stuck	Psych	Telewellness for Older Adults with Disability	2013 – 2015
Blakeley Hoffman	CS	General Research Assistant	2014 – 2015

### PEER-REVIEWED JOURNAL PUBLICATIONS

Underline = mentored student co-author; authorship order determined by ICMJE guidelines; first authorship denotes primary responsibility of drafting manuscript; last author denotes senior author.

- [J.26] Emerson, K., Kim, D., Mois, G., & **Beer, J. M.** (2021). COVID-19 and Older Adults: Coping With Long-Term Pandemic Precautions. *Innovation in Aging*, 5(Supplement\_1), 37-37.
- [J.25] Wu, X., Nix, L. C., Brummett, A. M., Aguillon, C., Oltman, D. J., & **Beer, J. M.** (2021). The design, development, and evaluation of telepresence interfaces for aging adults: Investigating user perceptions of privacy and usability. *International Journal of Human-Computer Studies*, 156, 102695.
- [J.24] Baldwin, A., Read, G., **Beer, J. M.**, & Darville, G. (2021). Harnessing technology to prevent sexual assault on college campuses. *Journal of American college health*, 1-4.
- [J.23] McDonnell, K. K., Gallerani, D. G., Newsome, B. R., Owens, O. L., **Beer, J. M.**, Myren-Bennett, A. R., Regan, E., Hardin, J. W., & Webb, L. A. (2020). A Prospective Pilot Study Evaluating Feasibility and Preliminary Effects of Breathe Easier: A Mindfulness-based Intervention for Survivors of Lung Cancer and Their Family Members. *Integrative cancer therapies*, 19, 1-14.
- [J.21] Owens, O. L., **Beer, J. M.**, Revels, A. A., & White, K. (2021). The lived experiences of older low-income African Americans living alone: Implications for aging in place in the United States. *Journal of Aging and Environment*, 35(1), 42-61.
- [J.20] **Beer, J. M.**, Smith, K. N., Kennedy, T., Mois, G., Acena, D., Gallerani, D. G., McDonnell, K. K., Owens, S. L., (2020). A focus group evaluation of Breathe Easier: A mindfulness-based mHealth app for survivors of lung cancer and their family members. *American Journal of Health Promotion*, 34(7), 770-778.
- [J.19] Owens, O. L., Smith, K. N., **Beer, J. M.**, Gallerani, D. G., McDonnell, K. K., (2020). A qualitative cultural sensitivity assessment of Breathe Easier mobile application for lung cancer survivors and their families. *Oncology Nursing Forum*, 47(3), 1-12.
- [J.18] Mois, G., & **Beer, J. M.** (2020). The role of healthcare robotics in providing support to older adults: A socio-ecological perspective. *Current Geriatric Reports*, 1-8.
- [J.17] Owens, O. L., **Beer, J. M.**, Reyes, L. I., & Thomas, T. L. (2019). Systematic review of commercially available mobile phone applications for prostate cancer education. *American Journal of Men's Health*, 13(1), 1-14.
- [J.16] Owens, O. L., **Beer, J. M.**, Revels, A., & Levkoff, S. (2019). Feasibility of using a video diary methodology with older African Americans living alone. *Qualitative Social Work*, 18(3), 397-416.
- [J.15] Owens, O. L., **Beer, J. M.**, Reyes, L. I., Gallerani, D. G., Myhren-Bennett, A. R., & McDonnell, K. K. (2018). Mindfulness-Based Symptom and Stress Management Apps for Adults with Chronic Lung Disease: Systematic Search in App Stores. *JMIR mHealth and uHealth*, 6(5).
- [J.14] Chen, T. L., Bhattacharjee, T., **Beer, J. M.**, Ting, L. H., Hackney, M. E., Rogers, W. A., & Kemp, C. C. (2017). Older adults' acceptance of a robot for partner dance-based exercise. *PloS one*, 12(10), e0182736 (E-pub available).
- [J.13] Mitzner, T. L., Stuck R., Hartley, J. Q., **Beer, J. M.**, & Rogers, W. A. (2017). Acceptance of televideo technology by adults aging with a mobility impairment for health and wellness interventions. *Journal of Rehabilitation and Assistive Technologies Engineering*, 4, 1-12.
- [J.12] **Beer, J. M.**, Prakash, A., Smarr, C. A., Chen, T. L., Hawkins, K., Nguyen, H., Deyle, T., Mitzner, T. L., Kemp, C. C., & Rogers, W. A. (2017). Older users' acceptance of an assistive robot: Attitudinal changes following brief exposure. *Gerontechnology*, 16(1), 21-36.

- [J.11] **Beer, J. M.**, Mitzner, T. L., Stuck, R. E., & Rogers, W. A. (2015). Design considerations for technology interventions to support social and physical wellness for older adults with disability. *International Journal of Automation & Smart Technology (AUSMT)*, 5(4), 249-264.
- [J.10] **Beer, J. M.**, Smarr, C. A., Fisk, A. D., & Rogers, W. A. (2015). Younger and older users' recognition of virtual agent facial expressions. *International Journal of Human-Computer Studies*, 75, 1-20.
- [J.9] **Beer, J. M.**, Fisk, A. D., Rogers, W. A., (2014). Toward a framework for levels of robot autonomy in Human-Robot Interaction. *Journal of Human-Robot Interaction*, 3(2), 74-99.
- [J.8] **Beer, J. M.**, McBride, S. E., Mitzner, T. L., & Rogers, W. A. (2014). Understanding challenges in the front lines of home health care: A human-systems approach. *Applied Ergonomics*, 45, 1687-1699.
- [J.7] Smarr, C.-A., Mitzner, T. L., **Beer, J. M.**, Prakash, A., Chen, T. L., Kemp, C. C., & Rogers, W. A. (2014). Domestic robots for older adults: Attitudes, preferences, and potential. *International Journal of Social Robotics*, 6(2), 229-247.
- [J.6] Fausset, C.B., Bujak, K.R., Kline, K.A., **Beer, J.M.**, Smarr, C., Adams, A., McBride, S.E., & Burnett, J.S. (2012). Leaving the lecture hall: Conducting HF/E outside the classroom. *Ergonomics in Design*, 20(3), 23-26.
- [J.5] Cullen, R. H., Smarr, C.-A., Serrano-Baquero, D., McBride, S. E., **Beer, J. M.**, & Rogers, W. A. (2012). The smooth (tractor) operator: Outcomes of a knowledge engineering project. *Applied Ergonomics*, 43(6), 1122-1130.
- [J.4] McBride, S. E., **Beer, J. M.**, Mitzner, T. L., & Rogers, W. A. (2011). Challenges for home health care providers: A needs assessment. *Physical & Occupational Therapy in Geriatrics*, 29(1), 5-22.
- [J.3] Crutcher, R. J., & **Beer, J. M.** (2011). An auditory analog of the picture superiority effect. *Memory & Cognition*, 39, 63-74.
- [J.2] **Beer, J. M.**, & Ezer, N. (2008). Human-robotic interactions: The development of "helping robots" for the older population. *Signpost: Journal of Dementia and Mental Health Care for Older People*, 13(2), 31-33.
- [J.1] McBride, S. E., **Beer, J. M.**, & Olson, K. E. (2008). Automation and aging: The future is now. *Signpost: Journal of Dementia and Mental Health Care for Older People*, 13(2), 26-28.

#### **PEER-REVIEWED PROCEEDINGS\* (with Conference Presentation)**

Underline = mentored student co-author; authorship order determined by ICMJE guidelines; first authorship denotes primary responsibility of drafting manuscript; last author denotes senior author.

\*In technical fields, especially computing-related, proceedings are highly selective, highly visible, and hold similar status to journals. Proceedings are published, 4-8 pages, peer reviewed, and undergo a revise-and-resubmit period.

- [P.41] Collette, B., Shotwell, J., Shepherd, A., Shepherd, K., Renzi-Hammond, L. M., & **Beer, J. M.** (2021, September). Developing an Integrated Virtual Assistant (IVA): Feasibility of a Behavior Tracking and Reminder Prototype Solution to Assist Persons with Dementia and Their Care Partners. In *Proceedings of the Human Factors and Ergonomics Society Annual Meeting* (Vol. 65, No. 1, pp. 16-20). Sage CA: Los Angeles, CA: SAGE Publications.
- [P.40] Wu, X., Adams, A. E., Komsky, J. C., Saint, S. E., Mackin, T. E., Zamer, J. P., ... & **Beer, J. M.** (2021, September). Socially Assistive Robots for Dementia Care: Exploring Caregiver Perceptions of Use Cases and Acceptance. In *Proceedings of the Human Factors and Ergonomics Society Annual Meeting* (Vol. 65, No. 1, pp. 6-10). Sage CA: Los Angeles, CA: SAGE Publications.
- [P.39] Wu, X., Mitzner, T. L., Thomas, R. C., Drobina, E. C., Rogers, W. A., & **Beer, J. M.** (2021, September). Tele-Technology Evaluation and User Testing with Persons Aging with Long-Term Mobility Disabilities. In *Proceedings of the Human Factors and Ergonomics Society Annual Meeting* (Vol. 65, No. 1, pp. 1-5). Sage CA: Los Angeles, CA: SAGE Publications.
- [P.38] Collette, B., Mois, G., **Beer, J. M.**, Boccanfuso, L., Ramachadran, A., Gibson, P., ... & Renzi-

- Hammond, L. M. (2021, September). Robot-Led Piano Lessons May Improve Cognitive Function: A Feasibility Study in a Sample with Mild Cognitive Impairment. In *Proceedings of the Human Factors and Ergonomics Society Annual Meeting* (Vol. 65, No. 1, pp. 21-25). Sage CA: Los Angeles, CA: SAGE Publications.
- [P.37] Wu, X., & **Beer, J. M.** (2021, September). Usability Evaluation of Telepresence Interfaces for Older Adults. In *Proceedings of the Human Factors and Ergonomics Society Annual Meeting* (Vol. 65, No. 1, pp. 591-595). Sage CA: Los Angeles, CA: SAGE Publications.
- [P.36] Mois, G., & **Beer, J. M.** (2020). Toward a framework for embodiment in communication technologies: facilitating social connectivity for older adults. *Proceedings of the Human Factors and Ergonomics Society Annual Meeting*. SAGE Publications.
- [P.35] Mois, G., Collette, B. A., Renzi-Hammond, L. M., Boccanfuso, L., Ramachandran, A., Gibson, P., Emerson, K. G., **Beer, J. M.**, (2020). Understanding Robots' Potential to Facilitate Piano Cognitive Training in Older Adults with Mild Cognitive Impairment. *Proceedings of the International Conference on Human-Robot Interaction [Late Breaking Report]*, ACM/IEEE.
- [P.34] Mois, G., Mackin, T. E., Datta, A., Koon, L. M., Rogers, W. A., Mitzner, T. L., & **Beer, J. M.** (2019). Perceptions from People Aging with a Mobility Impairment towards using Tele-Technology for Exercise. *Proceedings of the Human Factors and Ergonomics Society Annual Meeting* (pp. 11-15). SAGE Publications.
- [P.33] **Beer, J. M.**, Rogers, W. A., Sanford, J. A., Remillard, E. T., Phillips, C., & Campbell, M. (2019). A Panel Discussion on Human Factors Considerations for Persons Aging-in-Place with Disability. *Proceedings of the Human Factors and Ergonomics Society Annual Meeting* (pp. 1-5). SAGE Publications.
- [P.32] Wu, X., Thomas, R. C., Drobina, E. C., Mitzner, T. L., & **Beer, J. M.** (2017). Telepresence Heuristic Evaluation for Adults Aging with Mobility Impairment. In *Proceedings of the Human Factors and Ergonomics Society Annual Meeting* (pp. 16-20). SAGE Publications.
- [P.31] Wu, X., Thomas, R., Drobina, E., Mitzner, T. L., & **Beer, J. M.** (2017). An evaluation of a telepresence robot: User testing among older Americans with mobility impairment. *Proceedings of the International Conference on Human-Robot Interaction [Late Breaking Report]*, 325-326.
- [P.30] Stuck, R. E., Hartley, J. Q., Mitzner, T. L., **Beer, J. M.**, & Rogers, W. A. (2017). Understanding attitudes of adults aging with mobility impairments toward telepresence robots. *Proceedings of the International Conference on Human-Robot Interaction [Late Breaking Report]*, 293-294.
- [P.29] Liles, K. R., Bryant, D. G., & **Beer, J. M.** (2017). Developing a robot hip-hop dance game to engage rural minorities in Computer Science. *Proceedings of the International Conference on Human-Robot Interaction [Late Breaking Report]*, 80-90.
- [P.28] Liles, K. R., Perry, C. D., Craig, S., & **Beer, J. M.** (2017). Student perceptions: The test of Spatial Contiguity and gestures for robot instructors. *Proceedings of the International Conference on Human-Robot Interaction [Late Breaking Report]*, 185-186.
- [P.27] Liles, K. R., Bryant, D. G., & **Beer, J. M.** (2017). How Can Social Robots Motivate Students to Practice Math? *Proceedings of the International Conference on Human-Robot Interaction [Late Breaking Report]*, 353-354.
- [P.26] Wu, X., Stuck, R. E., Mitzner, T. L., Rogers, W. A., & **Beer, J. M.** (2016). Televideo for older adults with mobility impairment: a needs assessment. *Proceedings of the International Conference on Rehabilitation Engineering and Assistive Technology (RESNA/NCART)*.
- [P.25] **Beer, J. M.**, Boren, M., & Liles, K. R. (2016). Robot assisted music therapy: A case study with children. *Proceedings of the International Conference on Human-Robot Interaction [Late Breaking Report]*, 419-420.
- [P.24] Liles, K. R., & **Beer, J. M.** (2015). Ms. An, feasibility study with a robot teaching assistant. *Proceedings of the International Conference on Human-Robot Interaction [Late Breaking Report]*, 83-84.
- [P.23] Liles, K. R., Kacmar, A. A., Stuck, R. E., **Beer, J. M.** (2015). Smart presence for retirement community employees. *Proceedings of the International Conference on Human-Robot*

- Interaction [Late Breaking Report]*, 85-86.
- [P.22] Wu, X., Stuck, R. E., Rekleitis, I., & Beer, J. M. (2015). Towards a human factors model for underwater robotics. *Proceedings of the International Conference on Human-Robot Interaction [Late Breaking Report]*, 159-160.
- [P.21] Liles, K. R., & Beer, J. M. (2015). Rural minority students' perceptions of Ms. An, the robot teaching assistant, as a social teaching tool. *Proceedings of the Human Factors and Ergonomics Society Annual Meeting* (pp. 372-376). SAGE Publications.
- [P.20] Liles, K. R., Stuck, R. E., Kacmar, A. A., & Beer, J. M. (2015). Understanding retirement community employee's perceived benefits and concerns of smart presence technology. *Proceedings of the Human Factors and Ergonomics Society Annual Meeting* (pp. 75-79). SAGE Publications.
- [P.19] Wu, X., Stuck, R. E., Rekleitis, I. & Beer, J. M. (2015). Towards a framework for human factors in underwater robotics. *Proceedings of the Human Factors and Ergonomics Society Annual Meeting* (pp. 115-119). SAGE Publications.
- [P.18] **Beer, J. M.,** Fisk, A. D., & Rogers, W. A. (2015). Commanding home robots: A comparison between older adults with and without mobility loss. *Proceedings of the Human Factors and Ergonomics Society Annual Meeting* (pp. 70-74). SAGE Publications.
- [P.17] Liles, K. R., Stuck, R. E., Kacmar, A. A., & Beer, J. M. (2015). Use Cases of Smart Presence for Retirement Communities. *Proceedings of the HCI International (HCII); Human Aspects of IT for the Aged Population.* (pp. 446-455). Springer. [Invitation only]
- [P.16] Weiss, A., **Beer, J. M.,** Shibata, T., & Vincze, M. (2014). Socially assistive robots for the aging population: Are we trapped in stereotypes? *Proceedings of the International Conference on Human-Robot Interaction [Workshop Overview]*, 497-498.
- [P.15] Prakash, A., **Beer, J. M.,** Deyle, T., Smarr, C.-A., Chen, T. L., Mitzner, T. L., Kemp, C. C., & Rogers, W. A. (2013). Older adults' medication management in the home: How can robots help? *Proceedings of the International Conference on Human-Robot Interaction (HRI)* (pp. 283-290). ACM/IEEE. [Acceptance rate 21%]
- [P.14] **Beer, J. M.,** Fisk, A. D., & Rogers, W. A. (2013). Developing a framework of robot autonomy. *Proceedings of the International Conference on Human-Robot Interaction (HRI) [Late Breaking Report]*.
- [P.13] **Beer, J. M.,** Smarr, C.-A., Chen, T. L., Prakash, A., Mitzner, T. L., Kemp, C. C., & Rogers, W. A. (2012). The domesticated robot: Design guidelines for assisting older adults to age in place. *Proceedings of the International Conference on Human-Robot Interaction (HRI)* (pp. 335-342). ACM/IEEE. [Acceptance rate 25%]
- [P.12] **Beer, J. M.,** Prakash, A., Smarr, C.-A., Chen, T. L., Mitzner, T. L., Kemp, C. C., & Rogers, W. A. (2012). "Commanding your robot": Older adults' preferences for controlling home robots. *Proceedings of the Human Factors and Ergonomics Society Annual Meeting* (pp. 1263-1267). SAGE Publications.
- [P.11] Smarr, C.-A., Prakash, A., **Beer, J. M.,** Mitzner, T. L., Kemp, C. C., & Rogers, W. A. (2012). Older adults' preferences for and acceptance of robot assistance for everyday living tasks. *Proceedings of the Human Factors and Ergonomics Society Annual Meeting* (pp. 153-157). SAGE Publications.
- [P.10] McBride, S.E., **Beer, J.M.,** Mitzner, T.L. & Rogers, W. A. (2012). Challenges of training older adults in a home healthcare context. *Proceedings of the Human Factors and Ergonomics Society Annual Meeting* (pp. 2492-2496). SAGE Publications.
- [P.9] **Beer, J. M.,** & Takayama, L. (2011). Mobile remote presence systems for older adults: Acceptance, benefits, and concerns. *Proceedings of International Conference on Human-Robot Interaction (HRI)* (pp. 19-26). ACM/IEEE. [Acceptance rate 22%; **nominated best paper, top 6%**]
- [P.8] Takayama, L., Marder-Eppstein, E., Harris, H., & **Beer, J. M.** (2011). Assisted driving of a mobile remote presence system: System design and controlled user evaluation. *Proceedings of*

- the International Conference on Robotics and Automation (ICRA)* (pp. 1883-1889). IEEE.  
[Acceptance rate 49%]
- [P.7] **Beer, J. M.**, Fisk, A. D., & Rogers, W. A. (2011). Can you recognize your robot's expression? Age-related differences in emotion recognition. *International Conference on Human-Robot Interaction (HRI) - Pioneers Workshop Report ACM/IEEE*.
- [P.6] **Beer, J. M.**, Springman, J. M., McBride, S. E., Mitzner, T. L., & Rogers, W. A. (2011). Needs assessment for certified nursing assistants providing personal care. *Proceedings of the Human Factors and Ergonomic Society Annual Meeting* (pp. 291-295). SAGE Publications.
- [P.5] **Beer, J. M.**, McBride, S. E., Adams, A. E., & Rogers, W. A. (2011). Applied experimental psychology: A capstone course for undergraduate degree programs. *Proceedings of the Human Factors and Ergonomic Society Annual Meeting* (pp. 535-539). SAGE Publications.
- [P.4] Wiltgen, B., **Beer, J. M.**, McGreggor, K., Jiang, K., & Thomaz, A. (2010). The interplay of context and emotion for non-anthropomorphic robots. *Proceedings of the International Symposium on Robot and Human Interactive Communication (RO-MAN)* (pp. 658-663). IEEE.
- [P.3] **Beer, J. M.**, Fisk, A. D., & Rogers, W. A. (2010). Recognizing emotion in virtual agent, synthetic human, and human facial expressions. *Proceedings of the Human Factors and Ergonomic Society Annual Meeting* (pp. 2388-2392). SAGE Publications.
- [P.2] **Beer, J. M.**, Fisk, A. D., & Rogers, W. A. (2009). Emotion recognition of virtual agents: The effects of age and emotion intensity. *Proceedings of the Human Factors and Ergonomic Society Annual Meeting* (pp. 131-135). SAGE Publications.
- [P.1] Mitzner, T. L., **Beer, J. M.**, McBride, S. E., Rogers, W. A., & Fisk, A. D. (2009). Older Adults' Needs for Home Health Care and the Potential for Human Factors Interventions. *Proceedings of the Human Factors and Ergonomic Society Annual Meeting* (pp. 718-722). SAGE Publications.

#### **BOOK CHAPTERS**

Underline = mentored student co-author; authorship order determined by ICMJE guidelines; first authorship denotes primary responsibility of drafting manuscript; last author denotes senior author.

- [B.4] Mois, G., & **Beer, J. M.** (2020). Robotics to support aging in place. In R. Pak, E. J. de Visser, and E. Rovira (Ed.) *Living with Robots: Emerging Issues on the Psychological and Social Implications of Robotics*. (pp. 49-74). Academic Press, Chicago
- [B.3] **Beer, J. M.**, & Owens, O. L. (2018). "Social agents for aging-in-place: A focus on health education and communication." In R. Pak and A. McLaughlin (Ed.) *Aging, Technology, and Health*. (pp.237-259). Elsevier Academic Press.
- [B.2] **Beer, J. M.**, Pakala, S., Liles, K. R., & Wu, X. (2017). "Affective Human-Robot Interaction." In M. Jeon (Ed.) *Handbook of Affective Sciences in Human Factors and Human-Computer Interaction*. Elsevier. (pp. 359-381). Elsevier Academic Press.
- [B.1] **Beer, J. M.**, & Rogers, W. A. (2014). "Enabling older adults to interact with robots: Why input methods matter for usability." In A. Neustein (Ed.), *Speech and Automata: Voice-Controlled Medical and Surgical Robots* (pp. 163-182), (book series on Speech Technology and Text Mining in Medicine and Healthcare). De Gruyter, Boston.

#### **PEER REVIEWED ABSTRACTS (Conference Poster or Presentation)**

Underline = mentored student co-author; authorship order determined by ICMJE guidelines; first authorship denotes primary responsibility of drafting manuscript; last author denotes senior author.

- [A.46] Mois, G., Collette, B., Renzi-Hammond, L. M., Boccanfuso, L., Ramachandran, A., Gibson, P., Emerson, K. G., & **Beer, J. M.** (2021, January). *Utilizing a Socially Assistive Robot to Increase Access to Cognitive Training Resources* [Poster Presentation]. Society for Social Work and Research Annual Conference. Virtual Conference.
- [A.45] Emerson, K., Kim, D., Mois, G., & **Beer, J. M.** (2020). Coping with the Impact of COVID-19 Safety Recommendations: The Importance of Pets. *Abstracts of the Gerontological Society of America Annual Conference*, 4(1), 937.



- [A.44] Emerson, K., Kim, D., Mois, G., & **Beer, J. M.** (2020). The Impact of COVID-19 Safety Recommendations on Adults Aged 60 and Older: A Qualitative Study. *Abstracts of the Gerontological Society of America Annual Conference*, 4(1), 959.
- [A.43] Adams, A. E., **Beer, J. M.**, Wu, X., Komsky, J., & Zamer, J. (2020). Social Activities in Community Settings: Impact of COVID-19 and Technology Solutions. *Abstracts of the Gerontological Society of America Annual Conference*, 4(1), 957.
- [A.42] Zamer, J., Adams, A. E., **Beer, J. M.**, Wu, X., & Komsky, J. (2020). Social Assistive Robots for Assisting Activity Professionals. *Abstracts of the Gerontological Society of America Annual Conference*, 4(1), 929.
- [A.41] Wu, X., & **Beer, J. M.** (2020). Usable and Privacy-Enhanced Telepresence Robots for Older Adults Aging-in-Place. *Abstracts of the Gerontological Society of America Annual Conference*, 4(1), 196.
- [A.40] Mois, G., & **Beer, J. M.** (2020). Leveraging Assistive Technology Resources to Support Aging in Place: A Scoping Study. *Abstracts of the Gerontological Society of America Annual Conference*, 4(1), 100.
- [A.39] Datta, A., Mois, G., Mackin, T. E., Mitzner, T. L., Koon, L. M., Rogers, W. A. **Beer, J. M.** (2019). Feasibility of Tele-Exercise for Persons Aging with Mobility Impairment. Abstract presented at the *University of Georgia Center for Undergraduate Research Opportunities (CURO) Symposium*. Athens, GA.
- [A.38] McDonnell K. K., Gallerani D. G., Newsome, B. R., Owens O. L., **Beer, J. M.**, Webb, L., Bennett, A., Hardin, J. W. (2019). A Dyad-based Mindfulness Cancer Recovery Program to Reduce Lung Cancer Symptoms – A Mixed Methods Study. *International Lung Cancer Conference* September.
- [A.37] Smith, K. N., Kennedy, T., **Beer, J. M.** (2019). Creating Technology-Based Mindfulness Interventions to Support Breast Cancer Treatment and Survivorship: A Literature Review. *Annual Meeting of the Southern Gerontological Society and the Georgia Gerontology Society*. Greensboro, GA.\*
- [A.36] Mitzner, T. M., Remillard, E., Koon, L. M., Beer, J. M., & Rogers, W. A. (2019). The potential of tele-technology for delivering wellness interventions to adults aging with mobility impairments. *Human Factors and Aging Health Care Symposium (HFES Health)*, Chicago, IL.
- [A.35] McDonnell, K. K., Owens, O. L., **Beer, J. M.**, Smith, K., Kennedy, T., Acena, D., & Gallerani, D. (2019). Empowering lung cancer survivors and family members to “breathe easier”: Adaptation and evaluation of a mhealth intervention. *Journal of Clinical Oncology*, 37(Suppl. 15), e23046-e23046
- [A.34] McDonnell, K. K., Owens, O. L., Gallerani, D. G., **Beer, J. M.**, Hardin, J. W., Bennett, A., & Webb, L. (2019). A Dyad-Based Mindfulness Cancer Recovery Program for Survivors and Family Members to Reduce Lung Cancer Symptoms. *Journal of Thoracic Oncology*, 14(10).
- [A.33] Mois, G., Washington, T.R., & **Beer, J.M.** (2019). The Influence of Technology on Quality of Life and Aging in Place. *Abstracts of the Gerontological Society of America Annual Conference*, November 13-17, 2019, Austin, TX.
- [A.32] Mois, G., Washington, T.R., & **Beer, J.M.** (2019). Understanding the Role of a Technology Ecosystem to Advance the Quality of Life of Older Adults. *Society for Social Work and Research*, Annual Conference, January 15-19, 2020, Washington, DC.
- [A.31] Mois, G., Collette, B., Renzi-Hammond, L. M., Boccanfuso, L., Ramachandran, A., Gibson, P., Emerson, K. G., & **Beer, J. M.** (2019). Attitudes and preferences for robot-led piano cognitive training: feasibility in mild cognitive impairment. *Abstracts of the Gerontological Society of America Annual Conference*, November 13-17, 2019, Austin, TX.
- [A.30] **Beer, J. M.**, Smith, K. N., Kennedy, T., Acena, D., Gallerani, D., Owens, O. L., McDonnell, K. K. (2018). Designing Breathe Easier: A Mindfulness mHealth Intervention for Lung Cancer Survivors and Family Members. Abstract presented at *UGA's Health Informatics Institute Annual Conference*, November 30th, 2018. Athens, GA.

- [A.29] Adams, A., Saint, S., Zamer, J., Dahlstrom, R., Hedin, D., & **Beer, J. M.** (2018). Acceptance of a socially assistive robot in dementia care. *Abstracts of the Gerontological Society of America (GSA) Annual Scientific Meeting*, 2(1), p. 901.
- [A.28] Koon, L., **Beer, J. M.**, Mitzner, T., Mackin, T., Mois, G., & Rogers, W. (2018). Assessing attitudes & usability of a teletechnology exercise platform for persons aging with a mobility impairment. *Abstracts of the Gerontological Society of America (GSA) Annual Scientific Meeting*, 2(1), p. 905.
- [A.27] **Beer, J. M.**, Owens, O. L., Smith, K., Kennedy, T., Acena, D., Gallerani, D., & McDonnell, K. K. (2018). Development and Evaluation of Breathe Easier mHealth App for Survivors of Lung Cancer and Their Caregivers. *American Public Health Association Conference*, San Diego, CA.
- [A.26] Owens, O. L., **Beer, J. M.**, Revels, A., & Levkoff, S. E. (2018). Use of Video Diaries to Assess Home Environments for Aging in Place Among Older African Americans Living Alone. *American Public Health Association Annual Conference*, San Diego, CA.
- [A.25] Kennedy, T., Smith, K., **Beer, J. M.** (2018). Creating technology-based mindfulness interventions for breast cancer populations: A literature review. *Abstracts of the State of Public Health Conference*, Athens, GA.
- [A.24] **Beer, J. M.**, Smith, K., Kennedy, T., Acena, D., Mois, G., Gallerani, D., Owens, O. L., & McDonnell, K. K., (2018). Focus Group Evaluation and Design Recommendations for Breathe Easier: A Mindfulness Mobile App for Lung Cancer Survivors and Caregivers. *Abstracts of the State of Public Health Conference*, Athens, GA.
- [A.23] Mitzner, T. L., Koon, L., **Beer, J. M.**, Dupuy, L., Mackin, T., & Rogers, W., A. (2018). Developing a feasibility study for a tele-technology group exercise class for adults aging with mobility impairments. Conference on Rehabilitation Engineering and Assistive Technology (RESNA/NCART).
- [A.22] Wu, X., Brummett, A., Nix, L., Aguillon, C., Oltman, E., & **Beer, J. M.** (2018). The design, development, and evaluation of a usable and privacy-enhanced telepresence system for older adults. *Abstracts of the American Psychological Association (APA) Technology, Mind, and Society Conference*, Washington D.C., April 5-7.
- [A.21] Owens, O. L., **Beer, J. M.**, Revels, A., Levkoff, S. (2017). Feasibility of Using Video Diary Methodology to Investigate Aging in Place among Older African Americans Living Alone. *Annual Meeting of the American Public Health Association*, Atlanta, GA., November 4-8, 2017.
- [A.20] Mitzner, T. L., Hartley, J., Stuck, R. E., Chan, L., **Beer, J. M.**, Rogers, W. A. (2016). "Being there": Attitudes about televideo technology for adults aging with a mobility impairment. *Abstracts of the Gerontological Society of America (GSA)*.
- [A.19] Mitzner, T. L., Stuck, R., Hartley, J., Chan, L., **Beer, J. M.**, & Rogers, W. (2016). Televideo Technology: Benefits and Barriers Perceived by Older Adults with a Mobility Impairment. *Abstracts of the World Gerontechnology Conference*.
- [A.18] Wu, X., Stuck, R. E., Mitzner, T. L., Rogers, W. A., & **Beer, J. M.** (2015). Needs assessment for telewellness technologies among older adults with mobility impairment. *Abstracts of the Gerontological Society of America (GSA)*.
- [A.17] Liles, K. R., Stuck, R. E., Kacmar, A. A., & **Beer, J. M.** (2015). Exploring the potential uses of smart presence technology in retirement communities. *Abstracts of the Gerontological Society of America (GSA)*.
- [A.16] **Beer, J. M.**, Fisk, A. D., & Rogers, W. A. (2014). Perceptions of usefulness for robot assistance: Differences between older adults with and without mobility loss. *Abstracts of the Gerontological Society of America (GSA)*.
- [A.15] Bobbey, S. H., **Beer, J. M.**, Fisk, A. D., & Rogers, W. A. (2014). *Older Adults' Perceived Usefulness of In-Home Robots*. *Abstracts of the Cognitive Aging Conference*.
- [A.14] Barg-Walkow, L. H., McBride, S. E., **Beer, J. M.**, Mitzner, T. L., & Rogers, W. A. (2013). Understanding home healthcare providers' challenges in providing task education. *Abstracts of the International Symposium on Human Factors and Ergonomics in Health Care*.

- [A.13] Mitzner, T. L., **Beer, J. M.**, McBride, S. E., & Rogers, W. A. (2013). From the front lines of home health care: Potential solutions to provider challenges. *Abstracts of the International Symposium on Human Factors and Ergonomics in Health Care: Advancing the Cause*.
- [A.12] **Beer, J. M.**, Smarr, C.-A., Prakash, A., Chen, T. L., Mitzner, T. L., Kemp, C. C., & Rogers, W. A. (2012). Older Adult Preferences for Controlling a Home-Based Robot. *Abstracts of the 14th Biennial Cognitive Aging Conference*.
- [A.11] Mitzner, T. L., **Beer, J. M.**, Smarr, C.-A., Kemp, C. C., & Rogers, W. A. (2012). Mobile manipulators: An emerging class of robots for health and medicine. *Abstracts of the Symposium on Human Factors and Ergonomics in Health Care: Bridging the Gap*.
- [A.10] **Beer, J. M.**, McBride, S. E., Mitzner, T. L., Springman, J. M., & Rogers, W. A. (2011). Challenges in Patient Education: Teaching Older Adults Home Health Care Tasks. *Abstracts of the Annual Meeting of the American Psychological Association*.
- [A.9] Smarr, C.-A., Serrano-Baquero, D., Cullen, R. H., McBride, S. E., **Beer, J. M.**, & Rogers, W. A. (2011). Using Knowledge Engineering to Understand Communication Processes in the Mowing of Citrus Groves. *Abstracts of the Annual Meeting of the American Psychological Association*.
- [A.8] Smarr, C., Serrano-Baquero, D., Cullen, R. H., McBride, S. E., **Beer, J. M.**, & Rogers, W. A. (2011). Using Knowledge Engineering to Understand Communication Processes in the Mowing of Citrus Groves. *Abstracts of the Annual Meeting of the American Psychological Association*.
- [A.7] **Beer, J. M.**, Fisk, A. D., & Rogers, W. A. (2010). Age and emotion recognition: A comparison of virtual robotic agent, synthetic human, and human facial expressions. *Abstracts of the Cognitive Aging Conference, Atlanta, GA*.
- [A.6] **Beer, J. M.**, Fisk, A. D., & Rogers, W. A. (2009). Recognizing social cues when interacting with virtual agents: What leads to misattributions? *Abstracts of the Gerontological Society of America 62nd Annual Meeting*.
- [A.5] Mitzner, T. L., **Beer, J. M.**, McBride, S. E., Rogers, W. A., & Fisk A. D. (2009). Difficulties encountered by home healthcare providers: A human factors investigation. *Abstracts of the Annual Meeting of the American Psychological Association*.
- [A.4] Crutcher, R. J. & **Beer, J. M.** (2006, November). An auditory picture superiority effect. *Abstracts of the 47<sup>th</sup> annual meeting of the Psychonomic Society. Houston, Texas*.
- [A.3] **Beer, J. M.** & Crutcher, R. J. (2006, May). An auditory superiority effect: Sounds are better than words. *Abstracts of the 78<sup>th</sup> annual meeting of Midwestern Psychological Society*.
- [A.2] **Beer, J. M.**, Cook, C. E., & Davis-Berman, J. L. (2006, April). Needs assessment: Student interest in a Bachelors of Social Work at the University of Dayton. *Poster presented at the 18<sup>th</sup> annual Stander Symposium. Univ. of Dayton, OH*.
- [A.1] **Beer, J. M.** & Crutcher, R. J. (2005, April). Recall of sounds and words: Evidence for an auditory superiority effect. *Poster presented at the Stander Symposium. Univ. of Dayton, OH*.

#### INVITED PRESENTATIONS

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- [I.24] **Beer, J. M.** (2020). *Opportunities and Challenges of Designing Socially Assistive Robots for Persons with Dementia*. Invited Presentation to Harnessing Technology for Social Good Lecture Series, University of Illinois Urbana Champaign, School of Social Work. Urbana, IL.
- [I.23] **Beer, J. M.** (2020). *Robotics for Persons with Dementia: Opportunities for Cognitive Training, Social Connectedness, and Health Management*. Invited to Robots for Health and Elderly Care: An Honest Discourse on the Gap Between Research and Practical Applications. International Conference on Intelligent Robots and Systems (IROS) 2020, Las Vegas, NV.
- [I.22] **Beer, J. M.**, & Komsky, J. (2019). *Integrating Digital Therapeutics with a Socially Assistive Robot for Cognitive Care*. Invited Presentation to IBM Theater, HIMSS 2019 Conference. Orlando, FL.
- [I.21] **Beer, J. M.**, Caine, K., Pak, R., & McLaughlin, A. (2018). *Age Related Considerations for Emerging Technologies*. Invited Panel Presentation HFES 2018 Conference. Philadelphia, PA.
- [I.20] **Beer, J. M.** (2016). *From "A Robot Might be a Good Idea" to "I Use my Robot Every Day": Understanding Robot Acceptance and Adoption by Older Users*. Invited presentation to the

- International Conference on Social Robotics Workshop “Using Social Robots to Improve the Quality of Life in the Elderly”. Kansas City, MO.
- [I.19] **Beer, J. M.,** & Owens, O. L. (2016). *Planning the future of smart and connected home ecosystems*. Invited presentation to John Deere Turf and Utility Workshop. Raleigh, NC.
- [I.18] **Beer, J. M.** (2016). Why granny needs a robot in her retirement. Invited presentation to Public Health Tech Talks, Columbia, SC.
- [I.17] **Beer, J. M.,** (2015). *Can assistive robots transform retirement?* Invited presentation to **TEDx** Peachtree. Atlanta, GA. (<https://youtu.be/M5RuAhWph00>)
- [I.16] **Beer, J. M.** (2015). *Advanced assistive technology for the aging population functioning in the home*. Presentation to Columbia Home Builders Association, Columbia, SC.
- [I.15] **Beer, J. M.** (2015). *Assistive robotics for older adults to remain healthy and independent*. Invited Keynote Speech at CAPASUS Conference. Atlanta, GA.
- [I.14] **Beer, J. M. & Liles, K. R.** (2015). *Understanding acceptance and use cases of BEAM for CCRCs*. Invited presentation to Suitable Technologies. Palo Alto, CA.
- [I.13] **Beer, J. M.** (2015). *Promoting aging in place through SmartHOME technology*. Invited presentation to the Universal Design Coalition, Kehoe Constructors. Columbia, SC.
- [I.12] **Beer, J. M.** (2015). *Assistive robotics and assistive technology for the aging population*. Invited presentation to the SC Assistive Technology Expo. Columbia, SC. [offered as CEU]
- [I.11] **Beer, J. M.** (2015). *Reducing the stress of age-related changes through assistive robotics*. Invited presentation to Aging Research Day. Clemson, SC.
- [I.10] Levkoff, S. E., & **Beer, J. M.** (2014). *Harnessing Tech to meet family caregiver needs*. Invited presentation Office on the Study of Aging, All About Alzheimer’s Conference. Columbia, SC.
- [I.9] **Beer, J. M., & Liles, K. R.** (2014). *Human-Robot Interaction*. Invited presentation to the Edison Lecture Series. Columbia, SC.
- [I.8] **Beer, J. M.** (2014). *Introduction to Robotics and HRI for Gerontechnology*. Invited presentation to the Gerontechnology Workshop Series. Columbia, SC.
- [I.7] **Beer, J. M.** (2014). *Assistive robotics and technology*. Invited presentation to the Lexington Shephard’s Center. Columbia, SC.
- [I.6] **Beer, J. M.** (2014). *Providing care for our aging population through user-centered technology interventions*. Invited presentation to the SC Office on the Study of Aging. Columbia, SC.
- [I.5] **Beer, J. M.** (2013). *Robots as an assistive technology: Supporting successful aging*. Invited presentation to University of Washington Department of Computer Science. Seattle, WA.
- [I.4] **Beer, J. M.** (2012). *Meet your grandparents’ assistant: The domesticated robot*. Invited presentation to **TEDx** Georgia Tech. Atlanta, GA. (<http://youtu.be/5ppyWqFdc1Q>)
- [I.3] **Beer, J. M.,** Olson, K. E., & Smarr, C.-A. (2012). *Human-robot interaction and aging*. Invited presentation to Aldebaran Robotics. Boston, MA.
- [I.2] **Beer, J. M.** (2011). *Assistive mobile manipulation for older adults at home: The Georgia Tech PR2 Project*. Invited presentation at the University of Freiburg, Autonomous Intelligent Systems Group. Freiburg, Germany.
- [I.1] **Beer, J. M.** (2011). *The intersection of psychology and robotics*. Invited presentation, award recipient DataBlitz, American Psychological Association Conference, Washington D.C..

#### AWARDED EXTERNAL FUNDING

Agency	Title	Role	University	Amount	Years
NIH SBIR Phase I 1R43AG0651 2401S1	Developing an integrated virtual assistant (IVA): A tailored behavior tracking and reminder solution to assist	Co-I	UGA	<b>\$100,000</b>	2019-20

	persons with dementia and their caregivers					
NIH STTR fast-track 1R42AG060800	Robot-Assisted Cognitive Training for Socially Isolated Older Adults with Mild Cognitive Impairment	PI	UGA	<b>\$105,000</b> (Phase I) <b>\$1,200,000</b> (Phase II)		2018-19 2019-21
NIH SBIR fast-track R43AG065124	Social Assistive Robot Interface for People with Alzheimer's and Other Dementias to Aid in Care-Management	Co-I (grant) PI (sub-award)	UGA	<b>\$58,866</b> (Phase I) <b>\$597,380</b> (Phase II)		2017-18 2019-21
Bristol Myers Squibb Foundation	Advancing Quality of Lung Cancer Survivorship in South Carolina	Co-I (grant) PI (sub-award)	UGA	<b>\$106,480</b>		2017-19
NIDILRR 90RE5016-01-00	RERC on Supportive Technologies for Successful Aging with Disability	PI (sub-award)	UGA UofSC	<b>\$30,800</b> <b>\$104,200</b>		2013-18
NSF 1659514	REU Site: Applied Computational Robotics	Co-I	UofSC	<b>\$359,982</b>		2017-20
NIH SBIR Phase II 5R44AG041571-03	Self-Directed Online Training Intervention for Chinese Dementia Caregivers	PI (sub-award)	UofSC	<b>\$47,000</b>		2015-17
NSF 1513203	Acquisition of a Heterogeneous Team of Field Robots	Co-I	UofSC	<b>\$520,981</b>		2015-18
NIH 5R25AG050484	South Carolina-Advancing Diversity in Aging Research Undergraduate Program	Co-I	UofSC	<b>\$1,800,000</b>		2015-20

**AWARDED INTERNAL FUNDING**

<b>Agency</b>	<b>Title</b>	<b>Role</b>	<b>University</b>	<b>Amount</b>	<b>Years</b>
Office of Research	Teaming for Interdisciplinary Research Pre-Seed Program	Co-I	UGA	\$5500	2021
School of Social Work Seed Grant	Effectiveness of a Branching Narrative to Positively Impact Messaging Around Sexual Assault	Co-I	UGA	\$5,000	2020
Center for Undergraduate Research Opportunities	Feasibility of Tele-Exercise Persons Aging with Mobility Impairment <i>Amber Datta (Ugrad PI)</i>	Mentor	UGA	Student Assistantship	2018-19 2019-20

## Curriculum Vitae

Jenay M. Beer

Ugrad Research Scholar Program Magellan	Pay attention! Re-engaging 5th grade math students using an adaptive robot tutor	Mentor	UofSC	\$3,000	2017-18
Office of the Provost (Social Sciences)	Assessing Home Environments for Aging in Place Among Older African Americans: A Video Diary Project	Co-I	UofSC	\$20,000	2015-17
Office of the VP for Research SPARC	Meeting Students Educational Needs: Engaging Students in Multiplication Practice with Social Robot <i>Karina Liles</i> (Graduate PI)	Mentor	UofSC	\$4,800	2016-17
Ugrad Research Scholar Program Magellan	Engaging Minorities in Computer Science via Online Game & Robot Hip-Hop Dance <i>De'Aira Bryant</i> (Ugrad PI)	Mentor	UofSC	\$3,000	2016-17
Ugrad Research Scholar Program Magellan	The Use of Remote Telepresence in Collegiate Classrooms to Facilitate eLearning <i>Omar Ansari</i> (Ugrad PI)	Mentor	UofSC	\$3,000	2015-16
Office of the VP for Research ASPIRE I	A Robot Teaching Assistant for Rural Minority South Carolina Students	PI	UofSC	\$15,000	2015-16
Office of the VP for Research ASPIRE II	A Platform for Basic and Applied Research in Personal Robotics	Co-I	UofSC	\$53,000	2014-15

## SELECTED SERVICE

### Public/Community Service

- OLLI IT Committee, 2021-current
- IoG Alzheimer's Association Programming (e.g., LWAD, Support Groups), 2019-current
- Alzheimer's Association Volunteer, 2019-current
- Alzheimer's Association Walk, 2018
- Speaker OLLI, annually, 2017-current
- Dementia Action Alliance Technology Group Member, 2019-current
- Academic Advisor Wellbridge Senior Community Morgan County, 2018-current
- Academic Advisor Presbyterian Village Oconee County, 2019-current

### Service to Professional Societies

- Human Factors & Ergonomics Society, Aging Technical Group, Program Chair 2018(elect), 2019
- Robot and Human Interactive Communication (ROMAN) Associate Editor (AE), 2016
- HRI Conference, Tele-robot co-chair, 2015, 2016
- HCII Program Committee "Human Aspects of IT for the Aged Population" 2015
- Socially Assistive Robotics for the Aging Population, co-organizer, HRI Conference 2014

### Manuscript Reviewer (Journals and Conference Proceedings)

- APA Technology, Mind, and Society - 2017
- Computer Human Interaction Conference (CHI) – 2012, 2013, 2014, 2015, 2018, 2019
- HCI International Conference Reviewer - 2015
- Health and Technology – 2018

- HRI Conference Reviewer – 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021
- HRI Conference Secondary Reviewer, 2016
- Human Factors – 2016
- IEEE Transactions on Human-Machine Systems, 2020
- Innovation on Aging, 2021
- Intelligent Robots and Systems (iROS), 2016
- International Conference on Robotics and Automation (ICRA) – 2011, 2017
- International Journal of Automation and Smart Technology – 2015
- International Journal of Communication – 2017
- International Journal of Human Computer Studies – 2017
- International Journal of Human Factors and Ergonomics – 2014
- Journal of Experimental Psychology – 2018
- Journal of Gerontechnology – 2014, 2015, 2016
- Journal of Human-Robot Interaction (JHRI) – 2012, 2016
- Journal of Social Robotics (SORO) – 2015
- Pervasive Health Conference - 2015
- Robot and Human Interactive Communication (ROMAN) - 2016
- Robotics and Automation Letters, 2016
- Robotics: Science and Systems Conference (RSS) – 2012
- Transactions on HRI (THRI) – 2017, 2018, 2019

#### **Grant Review Panel Membership**

- National Institutes of Health, SBIR/STTR – 2013, 2014, 2017
- Retirement Research Foundation (RRF) – 2016
- UofSC ASPIRE - 2016

#### **Institute/Department Service**

- Department of Health Promotion and Behavior Diversity Equity & Inclusion Committee, UGA, 2020-current
- Department of Health Promotion and Behavior Research Committee, UGA, 2018-current
- Organizer for IoG Student Research Seminar, UGA, 2018-current
- Reviewer for IoG Mary Ann Johnson Scholarship, UGA, 2017-current
- Annual E-Week Open House, UofSC 2013-current
- Class Advisement, Department of Computer Science and Engineering, 2016-2017

#### **School/College Service**

- Team Leader CPH Telemedicine and Health Informatics Workgroup, UGA, 2020-current
- College of Public Health Faculty Advisory Council, UGA, 2019-current
- School of Social Work Tech Committee, UGA, 2018-2019, chair elect, 2019-2021 (co)chair
- Universal Design Workshop Series, co-organizer, College of Social Work, UofSC, 2015
- Gerontechnology Workshop, co-organizer, College of Social Work, UofSC, 2013-2014

#### **University Service**

- Faculty Search Committee, Director of Conflicts of Interest, UGA, 2020-current
- Faculty Innovation Advisory Council to the President, UGA, 2019-current
- Faculty Senator UofSC College of Social Work, 2014-2017
- University Graduate Research Day Judge, UofSC, 2014
- Provost Office, College of Social Work Dean Review Committee, 2012

#### **Student Innovation and Diversity Service/Advisement**

- Speaker/Panel Member, Innovation Bootcamp (women in innovation), UGA, 2020
- UGA Student University Innovation Fellows Faculty Advisor, 2019-2020
- Faculty advisor for UofSC Women in Computing (WIC) group, 2014-2017
- Faculty affiliate Building, Recruiting, & Inclusion for Diversity Summit, Los Angeles, 2015
- Faculty affiliate of ITology Women in Science and Engineering (WISE), 2014-2017
- Faculty mentor for Grace Hopper Celebration (UofSC students), 2014

- Faculty mentor for GEM Fellow, UofSC 2015-2017

### **SELECT MEDIA COVERAGE**

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- Faculty Group Advising Innovation District Initiative.* **UGA Today** (2019, December). <https://news.uga.edu/faculty-group-advising-innovation-district-initiative/>
- New Innovation Programs Earn High Marks.* **UGA Today** (2020, January). <https://news.uga.edu/new-innovation-programs-earn-high-marks/>
- Beer, Handa chosen as first Innovation Fellows.* **UGA Today** (2019, August). <https://news.uga.edu/beer-handa-chosen-first-innovation-fellows/>
- Focus on Faculty: Jenay Beer.* **UGA Today** (2019, October). <https://news.uga.edu/jenay-beer/>
- Incredible Impact.* **UGA Today** (2018, October). <https://news.uga.edu/new-approaches-diversity-inclusion/>
- UGA Program Entices Students Toward Health Careers.* **OnlineAthens** (2018, July). [www.onlineathens.com/news/20180713/uga-program-entices-students-toward-health-careers](http://www.onlineathens.com/news/20180713/uga-program-entices-students-toward-health-careers)
- How Older Adults Could Benefit from Skype on Wheels.* **WUGA** (2018, November). <http://www.wuga.org/post/how-older-adults-could-benefit-skype-wheels>
- How Robots Could Help the Elderly Age in Their Homes.* **Smithsonian Magazine** (2017, August). <https://www.smithsonianmag.com/innovation/how-robots-could-help-elderly-age-in-their-homes-180964650/>
- TEDxPeachtree, Can Assistive Robots Transform Retirement?* **TEDx**. (2015, November). <https://youtu.be/M5RuAhWphO0>
- Robot Assistance or Robot Invasion?* **Carolina Business Review, ETV Radio, NPR**. (2014, October). <http://etvradio.org/post/robot-assistance-or-robot-invasion>
- TEDx Georgia Tech, Meet your Grandparents' Assistant: The Domesticated Robot.* **TEDx**. (2012, April). <http://youtu.be/5ppyWqFdc1Q>
- Mobile Remote Presence for Older Adults.* **Willow Garage Blog**. (2010, October). <http://www.willowgarage.com/blog/2010/10/26/mobile-remote-presence-older-adults>
- Elderly Interpret Certain Emotional Expressions of Robots Differently, Researchers Find.* **PBAonline, WABE, NPR News**. (2009, October). <http://wabe.org/post/elderly-interpret-certain-emotional-expressions-robots-differently-researchers-find>
- Is My Robot Happy to See Me?* **Georgia Tech Digital Lounge**. (2009, October); and **US NEWS**. <http://www.usnews.com/science/articles/2009/10/21/is-my-robot-happy-to-see-me>
- Can You Read Your Robot's Emotional State?* **CRAVE, CNETnews Blog**. (2009, October). [http://news.cnet.com/8301-17938\\_105-10378403-1.html](http://news.cnet.com/8301-17938_105-10378403-1.html)