

Sean A. McGlynn

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QUALIFICATIONS

- Excellent experimental design and qualitative and quantitative statistical analysis skills
- Experience collecting and analyzing user behavior in lab studies and online surveys
- Effective at conveying research findings to diverse audiences through written reports and oral presentations
- Experience working independently and on multi-disciplinary teams in a fast-paced environment

EDUCATION

Georgia Institute of Technology, Atlanta, GA

Ph.D. in Engineering Psychology (expected Spring 2018) 2013 -- present

M.S. in Engineering Psychology (expected Fall 2015) 2013 -- present

University of Connecticut, Storrs, CT

B.A. in Cognitive Science; B.A. in Psychology; minor in Neuroscience 2007 -- 2011

INDUSTRY FACING PROJECTS

Lead Mock-up Designer: HFES National Voting Design Competition: - 1st Place 2014

- Competition sought design of a voting system that was cutting-edge, innovative, and had an interactive user experience that would redefine the future of voting
- Performed task analyses, iteratively designed and tested a dynamic mock-up of a voting website, created a video tutorial of the mock-up, presented poster and mock-up to competition judges

Human-Robot Interaction Project Lead - Human Factors and Aging Laboratory 2013 -- present

- Investigated older adults' attitudes, emotions, engagement, and stress using a social robot called Paro.
- Researched human-human friendship development frameworks and their potential applicability to future human-robot relationships.
- Disseminated design recommendations for social robots based on literature review and findings.

EXPERIENCE

Graduate Research Assistant, Georgia Institute of Technology 2013 - present

- Assist with research conducted in the Human Factors & Aging Laboratory.
- Major duties include: designing experiments, testing participants, conducting literature reviews, coding and analyzing data, and preparing and presenting findings in written and oral form.

Webmaster, Human Factors and Ergonomics Society (HFES) Aging Technical Group 2013 - 2014

- Responsible for content development, management, and maintenance of the website:
<http://www.psychology.gatech.edu/atg/index.html>

Laboratory Technician 2011 -- 2013

Research Intern Summer 2010

RWJ Medical School, University of Medicine and Dentistry of NJ

- Investigated the role of mesenchymal stem cells in embryonic and adult mice following spinal cord injury.
- Major duties included: performing brain surgeries and spinal cord lacerations on adult mice, preparing spinal cord tissue for microscopy, preparing and presenting findings in written and oral form.

GRANTS AND AWARDS

Cognitive Aging Training Grant 2013 - present

- Ruth L. Kirschstein National Research Service Award (NRSA) Institutional Research Training Grant from the National Institutes of Health (National Institute on Aging), Grant #T32AG000175

Residential Care Facilities Authority of Fulton County**2014 & 2015**

- Fellowship awarded for research that focuses on improving the quality of life for older adults

SELECTED PUBLICATIONS

- McGlynn, S. A.,** Kemple, S. C., Mitzner, T. L., King, C. H., & Rogers, W. A. (revisions submitted 8/25/2015). Understanding the Potential of PARO for Healthy Older Adults. *International Journal of Social Robotics*.
- McGlynn, S. A.,** & Rogers, W. A. (2015). Provisions of human-robot friendship. In *Proceedings of the Tenth Annual ACM/IEEE International Conference on Human-Robot Interaction Extended Abstracts* (pp. 115-116). ACM.
- McGlynn, S. A.,** Kemple, S. C., Mitzner, T. L., King, C. H., & Rogers, W. A. (2014). Understanding older adults' perceptions of usefulness for the Paro robot. In *Proceedings of the Human Factors and Ergonomics Society Annual Meeting* (pp. 1914-1918). Santa Monica, CA: Human Factors and Ergonomics Society.
- McGlynn, S. A.,** Kemple, S. C., Mitzner, T. L., & Rogers, W. A. (2014). Therapeutic robots for older adults: Investigating the potential of Paro. *Proceedings of the 9th ACM/IEEE International Conference on Human-Robot Interaction* (pp. 246-247). Bielefeld, Germany.