

# **CURRICULUM VITAE**

**Elena Teresa Remillard**

[Formerly Elena Gonzalez]

## **CONTACT**

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## **EDUCATION**

2011 – 2013 **University of Southern California (Los Angeles, California)**

Master of Science, Gerontology

Recipient of the Leonard Davis Merit Scholarship

2007 – 2011 **Georgia State University (Atlanta, Georgia)**

Bachelor of Arts, Psychology

Minor in Spanish

Graduated Magna cum Laude

## **PROFESSIONAL EXPERIENCE**

**Georgia Institute of Technology, Atlanta, Georgia**

Research Scientist II (January 2015 – Present)

Center for Assistive Technology and Environmental Access (CATEA; [catea.gatech.edu](http://catea.gatech.edu))

- Conduct research projects centered on aging, disability and environmental design. Responsibilities include: reviewing existing literature, leading recruitment and outreach efforts, completing Institutional Review Board (IRB) requirements, developing and executing studies, analyzing data, and disseminating findings through publications and presentations.
- Serve as the Project Coordinator for the Rehabilitation Engineering Research Center on Technologies to Support for Successful Aging with Disability (RERC TechSage; [techsage.gatech.edu](http://techsage.gatech.edu)).
  - *TechSage is funded by the National Institute on Disability, Independent Living, and Rehabilitation Research (NIDILRR; grant number 90RE5016-01-00) within the Administration for Community Living (ACL), Department of Health and Human Services (HHS).*

- Responsibilities include: managing communication between project directors and investigators, planning and executing center meetings and events, developing website content and dissemination materials, overseeing participant recruitment efforts, preparing the official US government annual performance report, serving as the grant center liaison at local and national conferences, and integrating support of partnerships in the aging and disability community.

### **Georgia Tech Research Institute, Atlanta, Georgia**

Research Scientist I (June 2013 - December 2014)

Electronic Systems Laboratory, Human Systems Integration (HSI) Division

- Served as the Project Coordinator for Georgia Tech HomeLab ([homelab.gtri.gatech.edu](http://homelab.gtri.gatech.edu)) *Georgia Tech HomeLab is a research initiative that utilizes a multidisciplinary team of researchers and a population of independent living older adults to conduct in-home evaluations of health and wellness technologies.*
- Led HomeLab recruitment efforts, enabling team to reach goal of inducting 550+ community-dwelling older adults in the Metro-Atlanta area; managed HomeLab participants, with regular duties including: overseeing participant correspondence and compensation, identifying participants for studies, and coordinating update efforts; developed research protocols, executed in-home studies as team leader, and prepared research for presentations and publications; trained fellow staff members on best practices for working with older adult participants

### **SCAN Health Plan, Long Beach, California**

Community Outreach Intern (September 2012 - May 2013)

- Assisted with Community Outreach at SCAN Health Plan (*not-for-profit Medicare Advantage Plan*)
- Delivered community based educational programs for seniors (e.g. fall prevention, medication management); assisted with the design and execution of “Member Straight Talks”, community meetings designed to inform beneficiaries about their health plans; established collaborative relationships and opportunities for SCAN with local senior-based organizations; shadowed professionals in various departments of the geriatric health management model of care

### **University of Southern California, Los Angeles, CA**

Graduate Assistant (September 2011 - May 2013)

Davis School of Gerontology

- Served as the assistant coordinator of the Andrus Volunteers (*a group of older adult volunteers who provide services and support to the Davis School of Gerontology at USC*); facilitated regular meetings, developed volunteer projects, and led fundraising and

recruitment efforts of the group

- Assisted the Davis School in areas of student services, admissions, and advisement tasks (e.g. clerical work, student correspondence, representation of school at campus events, event planning, data entry).

### **Georgia Tech Research Institute, Atlanta, Georgia**

Research Assistant (May 2012 - August 2012)

Electronic Systems Laboratory, Human Systems Integration (HSI) Division

- Developed community outreach plan of action for HomeLab recruitment
- Led informational presentations on HomeLab at various senior community centers
- Prepared literature reviews and assisted with in-home data collection

### **Georgia State University, Atlanta, Georgia**

Research Assistant (August 2010 - May 2011)

Gerontology Institute

- Assisted Dr. Ann Pearman's research in the Gero-Psych Lab
- Supported research studies (e.g. recruited older adult participants, conducted interviews, analyzed data in SPSS, reviewed literature, prepared and edited manuscripts).

### **Georgia State University Housing, Atlanta, Georgia**

Resident Assistant (July 2008 - May 2011)

- Responsible for mentoring and overseeing the safety of fifty freshman residents
- Enforced university regulations and conducted regular health and safety assessments
- Planned and executed monthly social and educational programs, promoting the physical and mental well-being of students
- Served as a Housing Liaison for Georgia State Student Affairs

### **Northlake Gardens Assisted Living, Tucker, GA**

Assistant Activities Coordinator (January 2010 - December 2010)

- Planned and executed residential programming for a full calendar year
- Developed new programs to promote wellness and socialization (e.g. Spanish lessons, strength training)
- Obtained effective communication and assessment techniques for working with older adults with a range of impairments (e.g. hearing loss, dementia)

## **PUBLICATIONS**

### **JOURNAL PUBLICATIONS**

#### ***(Submitted)***

Singleton, J. L., **Remillard, E. T.**, Mitzner, T. L., & Rogers, W. A. (submitted). Everyday technology use among deaf older adults. *Disability and Rehabilitation: Assistive Technology*.

**Remillard, E. T.**, Fausset, C. B., Fain, W. B. (under revision). Aging with mobility impairment: Maintaining activities of daily living via selection, optimization, and compensation. *The Gerontologist*.

#### ***(In Press)***

#### ***(Published)***

Preusse, K. C., **Gonzalez, E. T.**, Singleton, J. L., Mitzner, T. L., & Rogers, W. A. (2016). Understanding the needs of individuals aging with impairment. *International Journal of Human Factors and Ergonomics*, 4(2), 144-168.

**Gonzalez, E. T.**, Sanford, J. A., Mitzner, T. L., & Rogers, W. A. (2016). Technologies to support aging with disability. *Certified Senior Advisor (CSA) Journal*, 67(3), 4-9.

### **CONFERENCE PROCEEDINGS**

Sanford, J. A., & **Gonzalez, E. T.** (2016). RERC TechSAge: Making a difference to the lives of older adults with disability through design and technology. In J, Zhou & G, Salvendy (Eds.), *Human Aspects of IT for the Aged Population. Design for Aging* (pp. 82-91). Springer International Publishing.

Sanath, A. A., Mahajan, H., **Gonzalez, E. T.**, Sanford, J. A., & Fain, W. B. (2016). Analysis of the effect of a rear wall grab bar configuration on the fall risk associated with toilet transfer in older adults with mobility impairment. To appear in *Rehabilitation Engineering Society of North America (RESNA) Annual Conference 2016*. Online proceedings available from: <https://www.resna.org>

Preusse, K. C., **Gonzalez, E. T.**, Singleton, J. L., Mitzner, T. L., & Rogers, W. A. (2016). Needs assessment for individuals aging with impairment: Findings from subject matter expert interviews. In D. de Waard, K.A. Brookhuis, A. Toffetti, A. Stuijver, C. Weikert, D. Coelho, D. Manzey, A.B. Ünal, S. Röttger, and N. Merat (Eds.), *Proceedings of the Human Factors and Ergonomics Society Europe Chapter 2015 Annual Conference* (pp. 21-33). ISSN 2333-4959 (online). Available from <http://hfeseurope.org>.

**Gonzalez, E.**, Fausset, C. B., Foster, A., Cha, G. & Fain, W. B. (2015). Moving in, out and around the home: solutions from older adults with long-term mobility impairment. In

*Rehabilitation Engineering Society of North America (RESNA) Annual Conference 2015.*  
Available from: <https://www.resna.org>

**Gonzalez, E.,** Jones, A., Harley, L., Burnham, D., Choi, Y. M., Fain, W. B., & Ghovanloo, M. (2014). Older adults' perceptions of a neckwear health technology. *Proceedings of the Human Factors and Ergonomics Society 58<sup>th</sup> Annual Meeting* (1815-1819). Santa Monica, CA: Human Factors and Ergonomics Society.

## **TECHNICAL REPORTS AND PAPERS**

**Gonzalez, E. T.,** Mitzner, T. L., Sanford, J. A., & Rogers, W. A. (2016). TechSAge minimum battery: Overview of measures (TechSAge-TR-1601). Atlanta, GA: Georgia Institute of Technology, Rehabilitation Engineering Research Center on Technologies to Support Successful Aging with Disability.

## **PRESENTATIONS**

### **CONFERENCE PRESENTATIONS**

*(Upcoming)*

*(Past)*

Gonzalez, E. T., Mitzner, T. L., Singleton, J. L., & Rogers, W. A. (2017, July). *Aging Concerns, Challenges, & Everyday Solution Strategies (ACCESS) of Individuals with Impairments*. Symposium presentation at the International Association of Gerontology & Geriatrics, Gerontological Society of America 21st Annual Meeting, San Francisco, CA.

Gonzalez, E. T., Sanford, J. A., Rogers, W. A. & Mitzner, T. M. (2017, June). *RERC on Technologies to Support Successful Aging with Disability*. Rehabilitation Engineering Society of North America (RESNA) Annual Conference, New Orleans, LA.

Gonzalez, E. T., Singleton, J. L., Mitzner, T. M., & Rogers, W. A. (2016, November). *Everyday technology use among deaf older adults*. Paper presentation at the Gerontological Society of America 69<sup>th</sup> Annual Meeting, New Orleans, LA.

Preusse, K. C., Gonzalez, E. T., Singleton, J. L., Mitzner, T. L., & Rogers, W. A. (2016, November). *Aging with impairment: Needs assessment insights from subject matter experts*. Paper presentation at the Gerontological Society of America 69<sup>th</sup> Annual Meeting, New Orleans, LA.

Gonzalez, E. T., Fausset, C. B., & Fain, W. B. (2016, November). *Overcoming Challenges in the Home: Solutions from Older Adults with Long-Term Mobility Impairment*. Symposium presentation at the Gerontological Society of America 69<sup>th</sup> Annual Meeting, New Orleans, LA.

- Sanford, J. A., & Gonzalez, E. T. (2016, July). *RERC TechSAge: Making a Difference to the Lives of Older Adults with Disability through Design and Technology*. Human Computer Interaction International 2016 (HCII 2015), Toronto, Canada.
- Mitzner, T. L., Sanford, J. A., Gonzalez, E. T., & Roger, W. A. (2016, July). *RERC Technologies to Support Successful Aging with Disability*. Workshop presentation at the Rehabilitation Engineering and Assistive Technology Society (RESNA) 2016 Annual Conference, Arlington, VA.
- Singleton, J. L., Gonzalez, E. T., Rogers, W. A., & Mitzner, T. L. (2016, July). *Everyday Technology Use by Deaf Seniors*, Workshop presentation at the 2016 National Association of the Deaf Conference, Phoenix, AZ.
- Gonzalez, E. T., Mitzner, T. L., Rogers, W.A., & Sanford, J. A. (June, 2016). *TechSAge at Georgia Tech: Technologies to Support Successful Aging with Disability*. Workshop presentation at the 2016 Aging and Disability Resource Center (ADRC) Healthy Communities Summit, Atlanta, 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.
- Sanford, J. A., & Gonzalez, E. T. (2016, April). *Universal Design for Aging*. Environments for Aging 2015 Annual Conference, Austin, TX.
- Rogers, W. A., Mitzner, T. L., Sanford, J. A., & Gonzalez, E. T. (2016, February). *Technologies to Support Successful Aging with Disability: Research, Design, and Training Efforts*. Poster Presentation at the Rehabilitation Psychology 2016 Conference, Atlanta, GA.
- Gonzalez, E., Sanford, J. A., Rogers, W. A., & Mitzner, T. M. (2015, November). *Re-Conceptualizing the Impact of Aging on Disability: Implications for Technology Interventions*. Technology and Aging Interest Group Symposium presented at the 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 of individuals aging with impairment*. Paper presentation at the Annual Meeting of the Human Factors and Ergonomics Society Europe (HFES Europe), Groningen, Netherlands.
- Gonzalez, E. (2015, June). *Moving in, out and around the home: Solutions from older adults with long-term mobility impairment*. Scientific Platform Session at the 2015 Annual Conference of the Rehabilitation Engineering and Assistive Technology Society of North America, Denver, CO.
- Fausset, C. B., Gonzalez, E., & Fain, W. B. (2015, April). *Part 2: Aging with Mobility Impairment: Understanding Challenges in the Home*. In *Deep dive session on Georgia Tech HomeLab*. Environments for Aging 2015 Annual Conference, Baltimore, MD.
- Gonzalez, E. (2014, November). *Georgia Tech HomeLab: Bringing technology home to support aging in place*. In E. Gonzalez, (chair), *In-home research on technologies for aging in place*. Symposium presentation at the 67<sup>th</sup> Annual Scientific Meeting of the Gerontological Society of America, Washington, D.C.

- Gonzalez, E., Glazebrook, H. J., Harley, L., Jones, A., & Fain, W. B. (2014, November). *Evaluating methods for assessing hydration of older adults in the home*. Late-Breaking Poster Presentation of the Gerontological Society of America 67<sup>th</sup> Annual Meeting. Washington, D.C.
- Gonzalez, E., Jones, A., Harley, L., Burnham, D., Choi, Y. M., Fain, W. B., & Ghovanloo, M. (2014, October). *Older adults' perception of a neckwear health technology*. Product Design Presentation at the Human Factors and Ergonomics Society 58<sup>th</sup> meeting. Chicago, IL.
- Gonzalez, E., Fausset, C. B., & Fain, W. B. (2014, April) *Georgia Tech HomeLab*. Share Fair Exhibition of the Southern Gerontological Society 35th Annual Meeting. Little Rock, AR.
- Gonzalez, E., Jones, A., Harley, L., Ghovanloo, M., Choi, C., Burnham, D., Fausset, C. B., & Fain, W. B. (2013, November). *Older adults' opinions about wearable health devices*. Later-Breaking Poster Presentation of the Gerontological Society of America 66th Annual Meeting. New Orleans, LA.
- Gonzalez, E., & Pearman, A. (2011, April). *The relationship between perceived personality change and interpersonal memory complaints in older adults*. Southern Gerontological Society 32nd Annual Meeting. Raleigh, NC.

## **INVITED PRESENTATIONS**

- Gonzalez, E. (2017, February). Invited panelist at the Atlanta Post-Polio Association (APPA) website launch reception, Atlanta, GA.
- Gonzalez, E. T., (2016, July). *Incorporating Aging in Education and Research at Georgia Tech*. Invited panel presentation at the Atlanta Regional Commission's (ARC) Aging & Health Resources 2016 Forum Series "Learn. Work. Repeat. Re-Imagining the Work Cycle", Atlanta, GA.

## **TEACHING**

### **Guest Lecturer (by course and lecture topic)**

- Gerontechnology (GERO 580), University of Southern California: *Research in Gerontechnology* (March 2017).
- Designing for Interactive Environments (ID 6763), Georgia Institute of Technology: *Active Aging* (February 2014)
- Psychology of Aging (PSYC 380), Georgia State University: *Personality in Late Life* (November 2013)
- Sociology, Berkmar High School, Lawrenceville, GA: *Trading Ages: Age Sensitivity Course* (September 2013)
- Gerontechnology (GERO 580), University of Southern California: *Georgia Tech HomeLab* (April 2014).

## **Teaching Assistant**

Psychology of Adult Development (GERO 320), University of Southern California: Spring 2013

## **WORKSHOPS/CERTIFICATIONS**

- Fundamentals of Assistive Technology instructional course, Rehabilitation Engineering Society of North America (RESNA) Annual Conference, (June 2015)
- Grant Expenditures: Allowable and Unallowable Costs, Office of Sponsored Projects, Georgia Institute of Technology (February 2015)
- General Biosafety training course, Environmental Health and Safety (EHS), Georgia Institute of Technology (April 2014)
- Blood borne Pathogens training course, Environmental Health and Safety (EHS), Georgia Institute of Technology (April 2014)
- Human Systems Integration (HSI) short course, Georgia Institute of Technology (August 2013)
- Human Subjects Research certification: Georgia Institute of Technology Institutional Review Board (May 2012)

## **PROFESSIONAL AFFILIATIONS**

- Gerontological Society of America (GSA): Member; 2011 - present
- Rehabilitation Engineering Society of North America (RESNA): Member; 2015 – present
- Southern Gerontological Society (SGS): Member; 2010 - present
- Human Factors and Ergonomics Society (HFES): Member; 2014 – present
- Design and Assistive Technologies for Healthy Aging (DATHA), Georgia Institute of Technology: Lead Organizer and Member; 2015 – present
- Aging Task Force, Institute for People and Technology, Georgia Institute of Technology

## **REVIEWING ACTIVITIES**

- Assistive Technology Journal, Ad Hoc Reviewer

## **HONORS AND AWARDS**

- Recipient of USC Leonard Davis School of Gerontology Merit Scholarship (2011-2013)
- Recipient of the GSU IEF (International Education Fee) Scholarship for a semester of Spanish studies at the University of Guadalajara, Mexico (2010)
- Recipient of the statewide “Excellence in Academics” Award on behalf of the Zeta Tau Alpha Foundation (2010-2011)

- Recipient of “University Involvement Award” on behalf of Georgia State University Greek Organizations (2011)

### **CIVIC ACTIVITIES**

- Faculty Alumni Advisor, Zeta Tau Alpha Sorority, Iota Theta Chapter, Georgia Institute of Technology (2016 – present)

### **AGING COURSEWORK**

Physiology of Development and Aging

Developmental Sociology

Developmental Psychology

Social Policy and Aging

Leadership and Change Management

Counseling Older Adults and their Families

Integrating Gerontology

Research Methods

End of Life Issues

Design and Architecture for Aging