

CURRICULUM VITAE

Jessica L. Johnson, Ph.D., OTR/L

Contact information:

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EDUCATION

University: University of Florida- Occupational Therapy- Gainesville, FL
Dates: August 2003- May 2008
Field of Study: Rehabilitation Science
Degree: Ph.D.
Research Advisor: Dr. William C. Mann, Ph.D.
Research Topic: Aging and assistive technology

College: The College of St. Scholastica, Duluth, MN
Dates: September 1998-December 2000
Field of Study: Occupational Therapy
Degree: M.A.
Research Advisor: Dr. Carolyn Dorfman, Ph.D.

College: The College of St. Scholastica, Duluth, MN
Dates: September 1996-June 1999
Field of Study: Health Sciences
Degree: B.A.

PROFESSIONAL EXPERIENCE

Research

Research Assistant Professor, Department of Occupational Therapy, College of Public Health and Health Professions, University of Florida, January 2009 to present.

Research areas: activity monitoring, use of technology to promote independence, measurement

Postdoctoral Associate, Department of Occupational Therapy, College of Public Health and Health Professions, University of Florida, May 2008 to January 2009.

Research areas: activity monitoring, technology for aging in place, measurement

Dissertation work, “Consumer Response to Home Monitoring: A Survey of Older Consumers and Informal Care Providers”, Rehabilitation Science Program, University of Florida, August 2006- March 2008.

Research Assistant, Department of Occupational Therapy, College of Public Health and Health Professions, University of Florida, August 2003- August 2007.

Major research areas: consumer perspectives on smart technology, public funding mechanisms for assistive technology, Centers for Independent Living potential to serve elders with disabilities, and comparison of visual field and acuity to driving performance.

Teaching

Issues in Occupational Therapy Practice II, Fall 2008, Department of Occupational Therapy, College of Public Health and Health Professions, University of Florida. Role: **Course Instructor**

Principles of Occupational Therapy Screening and Evaluation for Adults and Seniors, Fall 2008, Department of Occupational Therapy, College of Public Health and Health Professions, University of Florida. Role: **Lecturer** “High functioning elders”

Occupational Therapy Interventions II, Fall 2008, Department of Occupational Therapy, College of Health Professions, University of Florida. Role: **Lecturer** “Home modifications lab.”

Professional Development Seminar, Summer 2008, Department of Occupational Therapy, College of Health Professions, University of Florida. Role: **Mentor** for a student’s final project in the Distance Learning Master’s Program in Occupational Therapy.

Assistive Technology and Occupational Performance, Fall 2005, Department of Occupational Therapy, College of Public Health and Health Professions, University of Florida. Role: **Supervised teaching** experience. Supervisors: Dr. William Mann and Mr. Marc Frazer.

Professional Development Seminar, Fall 2005, Department of Occupational Therapy, College of Health Professions, University of Florida. Role: **Mentor** for student’s final project in the Distance Learning Master’s Program in Occupational Therapy.

Service

Ad-hoc Journal Reviewer: Gerontechnology, 2008; Topics in Geriatric Rehabilitation, 2008.

Track Manager, International Conference on Aging, Disability, and Independence, St. Petersburg, FL, 2006

Track Manager, International Conference on Aging, Disability, and Independence, Washington, DC, 2003

Clinical

Occupational Therapist, Oak Hammock at UF, Gainesville, FL, May 2007- May 2008.

Occupational Therapist, Gainesville Health Care Center, Gainesville, FL, June 2003- May 2005.

Occupational Therapist, Benedictine Health Systems/ Lake Haven Manor, Duluth, MN, April 2001- June 2003.

PUBLICATIONS

Articles in Refereed Journals

Johnson, J., Mann, W., & Rowe, M. (2009). *Consumer perceptions of a passive emergency response and activity home monitoring system: A survey of older user's and their informal care providers*. Manuscript submitted for publication.

Mann, W., **Johnson, J.**, Lynch, L., Justiss, M., Tomita, M., & Wu, S. (2008). Changes in impairment level, functional status, and use of assistive devices by older people with depressive symptoms. *American Journal of Occupational Therapy*, 62(1), 9-17.

Johnson, J., Davenport, R., & Mann, W. (2007). Consumer feedback on smart home applications. *Topics in Geriatric Rehabilitation*, 23(1), 60-72.

Davenport, R., El-Zabadani, H., **Johnson, J.**, Helal, A., & Mann, W. (2007). Pilot live-in trial at the Gator-tech Smart House. *Topics in Geriatric Rehabilitation*, 23(1), 73-84.

Book/ Book Chapters

- Mann, W. & **Johnson, J.** (2006). Environmental control and assistive devices. In M. Seltzer, S. Clarke, L. Cohen, P. Duncan, & F. Gage (Eds.), *Textbook of neural repair and rehabilitation* (pp. 136-146). Cambridge University Press: Cambridge, UK.
- Johnson, J.** & Bendixen, R. (2004). Telehealth. In W. Mann (Ed.), *State of the science of smart technology* (pp. 161-218). Wiley & Sons, Inc: Indianapolis, IN.

Published Abstracts

- Johnson, J.L.** (2006). Perceptions of smart home applications by elders with vision impairment. *ICADI Conference Proceedings*: St. Petersburg, FL. ISBN: 0-9754783-04
- Mann, WC, Chumbler, N, & Lambert (**Johnson**), **J.** (2004). Impact of telepsychiatry on functional status and use of health resources for veterans with chronic mental illness. *RESNA Conference Proceedings*: Orlando, FL.

Master's Thesis

- Fouts, S, Lambert (**Johnson**), **J.** & Rendahl, L. (2000). *How are occupational therapy schools in the United States currently addressing issues related to the homeless population?* Master's thesis, The College of St. Scholastica: Duluth, MN.

Other Professional Publications

- Freiman, M., Mann, W., **Johnson, J.**, Lin, S., & Locklear, C. (2006). *Public funding and support of assistive technologies for persons with disabilities* (Report # 2006-04). Washington, D.C.: AARP Public Policy Institute.
- Fraas, L. & **Johnson, J.** (2004). *Centers for Independent Living (CIL) pathfinder for services and programs for older Americans*. Buffalo, NY: Rehabilitation Research and Training Center on Independent Living Management. Available at: <http://www.wnyilp.org/RRTCILM/pathfinder/>.

CONFERENCE PRESENTATIONS

Mann, W., Witte, M., & **Johnson, J.** (April, 2009). *Applying smart technology to the needs of adults and elders with disabilities*. Pre-conference workshop intensive to be presented at the annual meeting of the American Occupational Therapy Association, Houston, TX.

Johnson, J. (2008, November). *Consumer and caregiver perceptions of a home monitoring system*. Poster session presented at the annual meeting of the Gerontological Society of America, New Harbor, MD.

Johnson, J. & Mann, W. (2008, September). *Consumer response to home monitoring: A survey of older consumers and informal care providers*. Poster session presented at the mid-year meeting of the American Telemedicine Association, Tampa, FL.

Johnson, J., Mann, W., & Wu, S. (2006, April). *Changes over three years in functional status and use of assistive devices by older persons with depression*. Poster session presented at the annual meeting of the American Occupational Therapy Association, Charlotte, NC.

Johnson, J. (2006, February). *Perceptions of smart home applications by elders with visual impairments*. Paper presented at the International Conference on Aging, Disability, and Independence, St. Petersburg, FL.

Johnson, J. (2005, October). *Gator-Tech Smart House*. Invited lecture presented at the annual meeting of the Florida Retirement Housing Council, Gainesville, FL.

GRANTS

National Center for Medical Rehabilitation Research and the National Institute of Neurological Disorders and Stroke (K12 HD055929) Rehabilitation Research Career Development Program Award, 2009-2011.

OTHER GRANT WRITING EXPERIENCE

Rehabilitation Engineering Research Center on Technology for Successful Aging; National Institute on Disability and Rehabilitation, \$4.5 million over 5 years; submitted August, 2008; PI- W.C. Mann; Role: Assist in grant writing. Outcome: unfunded.

Rehabilitation Engineering Research Center on Technology for Successful Aging; National Institute on Disability and Rehabilitation, \$4.5 million over 5 years; submitted July, 2006, and resubmitted February, 2007; PI- W.C. Mann; Role: Assist in grant writing and PI on a project within the grant titled: 'Consumer

Response to Home Monitoring: A Survey of ADT Home Care Subscribers.”
Outcome: unfunded.

AHRQ Grant Program for Large Conference Support; to fund “The 2006 International Conference on Aging Disability and Independence Advancing Technology and Services to Promote Quality of Life”; submitted spring 2005. Role: Assist in grant writing. Outcome: unfunded.

Centers for Education & Research on Therapeutics (CERTs); Center grant application process; submitted spring 2005. Role: Assist in grant writing and development of a project titled: ‘Ensuring Medication Compliance Using a Pervasive Computing Approach.’ Outcome: unfunded.

HONORS & AWARDS

Alumni Fellowship, University of Florida, 2003-2007

Student Occupational Therapy Association Award, College of St. Scholastica, 1999

Summa Cum Laude, College of St. Scholastica, 1999

Benedictine Scholarship, College of St. Scholastica, 1996-1999

PROFESSIONAL AFFILIATIONS

Member: American Occupational Therapy Association (AOTA), Gerontological Society of America (GSA)

LICENSURE & CERTIFICATION

Occupational Therapist, State of Florida, Division of Medical Quality Assurance, OTH10989

National Board for Certification in Occupational Therapy, Inc., Cert. Number 1050838