

CURRICULUM VITAE

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EDUCATION

Doctor of Philosophy, Rehabilitation Science, 2007, University of Florida, Gainesville, Florida

Master of Science Degree in Occupational Therapy, 2000, University of Florida, Gainesville, Florida

Bachelor of Science Degree in Nursing, 1995, University of Florida, Gainesville, Florida

EMPLOYMENT

2016-Present Associate Professor and Director, Ph.D. Program in Occupational Therapy, Department of Occupational Therapy, Nova Southeastern University, Fort Lauderdale, Florida.

2011-2016 Assistant Professor, Director of Research, Department of Occupational Therapy, Entry-Level Doctor of Occupational Therapy (OTD) Program, Nova Southeastern University, Tampa Campus, Florida.

2013-2014 Home Health Occupational Therapist (Per Diem), Ascentia Home Health Care Agency, Tampa, Florida.

2010-2011 Research Health Science Specialist, Veterans Health Administration (VHA) James A. Haley VA Hospital HSR&D/RR&D Center of Excellence (COE) in Rehabilitation Outcomes, Tampa, Florida.

2009-2010 Post-Doctoral Fellowship, Veterans Health Administration (VHA) Office of Academic Affiliations (OAA) Health Services Research &

- Development (HSR&D) Fellowship, in the HSR&D/RR&D Center of Excellence (COE) in Rehabilitation Outcomes, Tampa, Florida.
- 2007-2009 Post-Doctoral Fellowship, Veterans Health Administration (VHA) Office of Academic Affiliations (OAA) Health Services Research & Development (HSR&D) Fellowship, in the Rehabilitation Outcomes Research Center (RORC), Research Enhancement Award Program (REAP), Gainesville, Florida.
- 2002-2007 Graduate Research Assistant, Rehabilitation Engineering Research Center on Technology for Successful Aging, Department of Occupational Therapy, University of Florida, Gainesville, Florida.
- 2005 Lecturer: Adult and Senior combined courses OTH 5816, 6636, and 6642, Department of Occupational Therapy, University of Florida, Gainesville, Florida.
Taught six topics in three graduate Fall courses covering assessment and intervention of adults and seniors. Topics were: Chronic Illness, Law and Policy, Caregiving, Ticket to Work, Community Resources, and Death/Dying and Bereavement.
- 2000-2003 Occupational Therapist, North Florida Regional Medical Center, Gainesville, Florida.
Staff occupational therapist in acute and sub acute care setting.
- 1999-2000 Case Manager, Shands at Alachua General Hospital, Gainesville, Florida.
Performed utilization review and identified post discharge care needs on a medical surgical floor specializing in Orthopedics.
- 1999 Graduate Teaching Assistant, Department of Occupational Therapy, University of Florida, Gainesville, Florida (January-December).
Responsible for assisting in the instruction on Nervous System Disorders, Musculoskeletal Anatomy, Biomechanics, and Applied Kinesiology lectures/lab courses for Undergraduate occupational therapy students.
- 1995-1997 Registered Nurse, Shands Teaching Hospital, University of Florida, Gainesville, Florida.
Registered nurse on a medical surgical floor specializing in GI medicine and GYN oncology.
- 1990-1993 Phlebotomist/Electrocardiogram Technician, Holmes Regional Medical Center, Melbourne, Florida.

PROFESSIONAL ASSOCIATIONS

American Occupational Therapy Association (AOTA)
Florida Occupational Therapy Association (FOTA)

PROFESSIONAL CERTIFICATION

2000-Present Licensed Occupational Therapist, State of Florida (OT 0009577)
2000-Present National Board for Certification in Occupational Therapy (NBCOT 1041211)
1995-2004 Licensed Registered Nurse, State of Florida (RN 2961052)

HONORS AND AWARDS

2015 Golden Apple Award, presented by Class of 2015, Entry-Level Doctor of Occupational Therapy Program at NSU Tampa
2014 Inducted as a Faculty Member, Nu Sigma Upsilon Chapter of Alpha Eta Society
1995 University of Florida, Graduated with High Honors
1995 Golden Key International Honour Society
1995 Sigma Theta Tau International Honor Society of Nursing
1994 Who's Who Among Students in American Universities and Colleges

REFEREED PUBLICATIONS

Davenport, R., Mann, W., & Lutz, B., (2012). How older adults make decisions regarding smart technology: An ethnographic approach. *Assistive Technology, 24*, 168-181.

Davenport, R., Vaidean, G., Jones, C., Chandler, A., Kessler, L., Mion, L., & Shorr, R., (2009). Falls following discharge after an in-hospital fall. *BMC Geriatrics, 9*, 53.

Davenport, R., Elzabadani, H., Johnson, J., Helal, S., & Mann, W., (2007). Pilot live-in trial at the GatorTech Smarthouse. *Topics in Geriatric Rehabilitation, 23*(1), 73-84.

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

Mann, W., Helal, S., **Davenport, R., Justiss, M., Tomita, M., & Kemp, B.** (2004). Use of cell phones by elders with impairments: Overall appraisal, satisfaction, and suggestions. *Technology and Disability, 16*, 49-57.

Shechtman, O., **Davenport, R., Malcolm, M., & Nabavi, D.** (2003). Reliability and validity of the BTE-Primus grip tool. *Journal of Hand Therapy, 16*(1), 36-42.

BOOK CHAPTER

Davenport, R. (2005). Robotics. In W. C. Mann (Ed.), *Smart Technology for Aging, Disability, and Independence – The State of the Science* (pp. 67-110). Hoboken, NJ: John Wiley & Sons, Inc.

PUBLICATIONS (Non- peer reviewed)

Adili, L., & **Davenport, R.** (2017, Winter). Immersive virtual reality as an intervention? *Florida Occupational Therapy Association (FOTA) FOCUS Winter Newsletter.*

Davenport, R. (2016, Winter). Exchange of ideas on mobile apps geared toward management of age-related macular degeneration. *Florida Occupational Therapy Association (FOTA) FOCUS Winter Newsletter.*

Davenport, R. (2015, Winter). Grassroots dialogue: Regarding innovative apps available for clinical use. *Florida Occupational Therapy Association (FOTA) FOCUS Winter Newsletter*.

Davenport, R. (2014, Winter). Should we be using off-the-shelf gaming consoles to complement occupational therapy? *Florida Occupational Therapy Association (FOTA) FOCUS Winter Newsletter*.

Davenport, R. (2006, Summer). Finding solutions to the challenges of aging: Researchers around the world look to robotics. *Maximizing Human Potential - Newsletter of the Network on Environments, Services and Technologies for Maximizing Independence - American Society on Aging*, 14(1), 4.

PROFESSIONAL PRESENTATIONS

Hinds, C., Zhang, A., Estevez, J., Molina, S., Laureano, N., & **Davenport, R.**, Gender related experiences of online gamers. Student Poster Presentation for the Florida Occupational Therapy Association (FOTA) Annual Conference, Orlando, Florida, November 3-4, 2017.

Davenport, R., Exchange of ideas on persuasive activity trackers (e.g. Fitbit, Garmin) and how they potentially fit into practice areas. SIS Conversations that Matter Session Presentation for the Florida Occupational Therapy Association (FOTA) Annual Conference, Orlando, Florida, November 3-4, 2017.

Davenport, R., Tips on how to read evidence-based practice journal articles. Podium Presentation for the 1st Annual Research Colloquium, Tampa, Florida, December 13, 2015.

Dadez, M., Mathew, N., Parhar, J., & **Davenport, R.**, Updating the international symbol of access: A social representation perspective. Student Poster Presentation for the Florida Occupational Therapy Association (FOTA) Annual Conference, Orlando, Florida, November 6-7, 2015.

Fritzsche, L., Henry, T., & **Davenport, R.**, How music interacts with the brain to solicit effects on biological systems. Student Poster Presentation for the Florida Occupational Therapy Association (FOTA) Annual Conference, Orlando, Florida, November 6-7, 2015.

Granada, C., Henry, T., Lopez, J., & **Davenport, R.**, Amsler grid applications: Should I recommend them? Student Poster Presentation for the Florida Occupational Therapy Association (FOTA) Annual Conference, Orlando, Florida, November 6-7, 2015.

Honda, J., Montero, L., Harden, M., & **Davenport, R.**, Persuasive activity monitoring technology and older adults. Student Poster Presentation for the Florida Occupational Therapy Association (FOTA) Annual Conference, Orlando, Florida, November 6-7, 2015.

Davenport, R. Exchange of ideas on mobile apps geared toward management of age related macular degeneration. SIS Buzz Session Presentation for the Florida

Occupational Therapy Association (FOTA) Annual Conference, Orlando, Florida, November 6-7, 2015.

Longpre, S., Carrasco, R., **Davenport, R.**, Whaley, M., McCarthy, D., Arnold, T., & Reinoso, G., Incorporating technology to create presence in a blended program. Podium Presentation for the Best Practices in Online Learning Fall Forum, Ft. Lauderdale, Florida, November 11, 2014.

Davenport, R., & McCarthy, D., Grassroots dialogue regarding innovative apps available for clinical use. SIS Round Table Presentation for the Florida Occupational Therapy Association (FOTA) Annual Conference, Fort Myers, Florida, November 7-8, 2014.

Dadez, M., Mathew, N., Parhar, J., & **Davenport, R.**, Effects of online communities on the well-being of older adults. Student Poster Presentation for the Florida Occupational Therapy Association (FOTA) Annual Conference, Fort Myers, November 7-8, 2014.

Davenport, R., Exercise adherence and virtual reality gaming for older adults at risk for falls, Podium Presentation for the 16th International Congress of the World Federation of Occupational Therapists (WOFT) and Expo, Yokohama, Japan, June 18-21, 2014.

Longpre, S., Carrasco, R., **Davenport, R.**, & Whaley, M., Vision to fruition: Reflections on applying the OT model curriculum to an entry-level doctoral program, Short Course for the 94th Annual American Occupational Therapy Association (AOTA) Conference and Expo, Baltimore, Maryland, April 3-6, 2014.

Davenport, R., Virtual reality gaming systems: What are the theories behind it? SIS Round Table Presentation for the Florida Occupational Therapy Association (FOTA) Fall Annual Conference, Daytona Beach, Florida, November 8-9, 2013.

Davenport, R., Technology: Using technology in the form of a virtual reality gaming system to engage older adults, SIS Round Table Presentation for the Florida Occupational Therapy Association (FOTA) Fall Annual Conference, Tampa, Florida, November 2-3, 2012.

Davenport, R., How older adults make decisions regarding smart technology: An ethnographic approach, Podium Presentation for the 92nd Annual American Occupational Therapy Association (AOTA) Conference and Expo, Indianapolis, Indiana, April 26-29, 2012.

Davenport, R., Novel virtual reality-based technology as a component of rehabilitation therapy, Podium Presentation for the Florida Occupational Therapy Association (FOTA) Fall Annual Conference, St. Augustine, Florida, November 4-5, 2011.

Carrasco, R., & **Davenport, R.**, Stretching and enhancing your continuing education opportunities, Podium Presentation for the Florida Occupational Therapy Association (FOTA) Fall Conference, St. Augustine, Florida, November 4-5, 2011.

Davenport, R., Fall prevention exercise and home-gaming for veterans at risk for falls, Podium Presentation for the 11th Annual Transforming Fall Management Practices Conference, Clearwater, Florida, May 4-6, 2010.

Davenport, R., Vaidean, G., Jones, C., Chandler, A., Kessler, L., Mion, L., & Shorr, I., Falls following discharge after an in-hospital fall, Poster Presentation for the 11th Annual Transforming Fall Prevention Practices Conference, Clearwater, Florida, May 4-6, 2010.

Davenport, R., Technology devices and physical activity measurement, Podium Presentation for the 10th Annual Transforming Fall Prevention Practices Conference, Clearwater, Florida, May 5-7, 2009.

Davenport, R., & Mann, W., Mobility impairment and future technology needs, Poster Presentation for the 10th Annual Transforming Fall Prevention Practices Conference, Clearwater, Florida, May 5-7, 2009.

Davenport, R., & Mann, W., Constructing an elder smart technology need decision tree model, Poster Presentation for the Gerontological Society of America 61st Annual Scientific Meeting, National Harbor, Maryland, Nov 21-25, 2008.

Davenport, R., Mann, W., Lutz, B., Shaw, L., & Lok, B., Perceived personal robotic technology needs among elders with mobility impairments, Poster Presentation for International Conference on Aging, Disability and Independence (ICADI), St. Petersburg, Florida, Feb 21-23, 2008, (ISBN # 0-9754783-0-5).

Davenport, R., Linking science, education, and practice: An ongoing series to foster scholarly work in occupational therapy, Panelist/Podium Presentation for 2-Day Pre-Conference Institute at the 86th Annual American Occupational Therapy Association (ATO) Conference and Expo, Charlotte, North Carolina, April 26-30, 2006.

Davenport, R., Gator-tech smart house focus group - Elders with mobility impairments, Podium Presentation for International Conference on Aging, Disability and Independence (ICADI), St. Petersburg, Florida, February 1-5, 2006, (ISBN 0-9754783-0-4).

Davenport, R., Mann, W., Helal, S., Defining an elder friendly cell phone design: A focus group format. Poster Presentation for Rehabilitation Research Day, presented by the University of Florida, the Brooks Center for Rehabilitation Studies, and the Department of Veteran Affairs, Gainesville, Florida, May 3, 2005.

Russo, J., Sukojo, A., Helal, S., **Davenport, R.**, & Mann, W., Smart save – intelligent meal preparation system to help older people live independently, Podium Presentation for 2nd International Conference on Smart homes and Health Telematic (ICOST), Sentosa Island, Singapore, September 15-17, 2004.

Mann, W., Helal, S., **Davenport, R.**, Machiko, T., & Kemp, B., Use of cell phones by elders with impairments: A survey design, Poster Presentation for RESNA's 27th International Conference on Technology & Disability: Research, Design, Practice, and Policy, Orlando, Florida, June 20, 2004.

Mann, W., Belchior, P., & **Davenport, R.**, The use of technology by elders with disability, Podium Presentation for GERON 2004 - Active Aging: Facing frailties and regaining competencies, Salvador, BA, Brazil, June 8-11, 2004.

Davenport, R., Mann, W., Helal, S., Tomita, M., & Kemp, B., The use of cell phones by elders: A survey and focus group design. Poster Presentation for Rehabilitation Research Day, presented by the University of Florida, the Brooks Center for Rehabilitation Studies, and the Department of Veteran Affairs, Gainesville, Florida, May 10, 2004.

Helal, S., Lee, C., Giraldo, C., Kaddoura, Y., Zabadani, H., **Davenport, R.**, & Mann, W., Assistive environments for elder care: Integrating smart phones with smart homes. Podium Presentation at the International Conference on Aging, Disability and Independence, Washington, D.C., December 6, 2003, (ISBN 0-9754783-0-3).

Mann, W., & **Davenport, R.**, Use of cell phones by elders with impairments: overall appraisal, satisfaction, and suggestions, technology and disability, Podium Presentation at the International Conference on Aging, Disability and Independence, Washington, D.C., December 4, 2003, (ISBN 0-9754783-0-3).

Helal, S., **Davenport, R.**, & Mann, W., Engineering smart phones for the elders, Poster Presentation at RESNA 26th International Annual Conference: Technology & Disability: Research, Design, Practice & Policy, Atlanta, Georgia, June 19, 2003.

WORKSHOP/CONTINUING EDUCATION PRESENTATIONS

D'Amico, M., Arnold, T., Carrasco, R., **Davenport, R.**, Decker, T., Luyegu, E., McCarthy, D., Reinoso, G., Rzepkowski, T., & Whaley, M., Online AOTA CE Webinar Course: Blended learning in the health professions, publish date 2016, LINK <https://myaota.aota.org/InstitutionUserRegistration.aspx?id=000004535498> .

Davenport, R., & Lauer, A., Titled: Harnessing current technology to engage clients in occupation. Presented as a (6-credit hour) Continuing Education Unit (CEU) course at Nova Southeastern University, Tampa Student Education Center (SEC), Tampa, Florida, October 24, 2011.

Davenport, R., Mann, W., Helal, S., Tomita, M., & Kemp, B., Use of cell phones by elders with impairments: Overall appraisal, satisfaction, and suggestions, technology and disability. Presented during a Pre-Conference Workshop at the International Conference on Aging, Disability and Independence, Washington, D.C., December 3, 2003, (ISBN 0-9754783-0-3).

INVITED PRESENTATIONS

Speaker and Panelist at River Garden/Wolfson Health and Aging Center, Jacksonville, Florida, Community Forum titled: Aging in place – Its meaning in the 21st Century, Topic: Technology and aging on February 24, 2004.

GRANT EXPERIENCE

Nova Southeastern University (NSU), President's Faculty Research and Development Grant (PFRDG). Awarded research startup funds \$10,000 (2012-2015).

Veterans Health Administration (VHA), Office of Academic Affiliations (OAA) Health Services Research & Development (HSR&D). Role: Post-Doctoral Fellow. Salary & \$7,000 start up funds (2008-2010).

PROFESSIONAL SERVICE ACTIVITIES

State Level:

Technology -Special Interest Section (SIS) Chair

Florida Occupational Therapy Association
2012 to present

College Level:

Dr. Pallavi Patel College of Health Care Sciences Educational Technology (EdTech) Committee

Dr. Pallavi Patel College of Health Care Sciences
Nova Southeastern University
2017 to present

Department of Occupational Therapy representative to the Dr. Pallavi Patel College of Health Care Sciences Technology Committee

Nova Southeastern University
2017 to present

Internet Journal of Allied Health Science and Practice (IJAHSP) –Manuscript Review Board

Dr. Pallavi Patel College of Health Care Sciences
Nova Southeastern University
2016 to present

Dr. Pallavi Patel College of Health Care Sciences and College of Nursing Research Committee Member

Dr. Pallavi Patel College of Health Care Sciences
Nova Southeastern University
2015 to present

Dr. Pallavi Patel College of Health Care Sciences alternate representative to the Institutional Review Board for Research with Human Subjects (IRB)

Nova Southeastern University
Term: 2012 to 2014

Chair of Search & Screen Committee for Basic Scientist Faculty for the Dr. Pallavi Patel College of Health Care Sciences

Nova Southeastern University
2013 to 2015

Department of Occupational Therapy representative to the Dr. Pallavi Patel College of Health Care Sciences Technology Committee

Nova Southeastern University
2012 to 2014

Member of Search & Screen Committee for Curriculum Design Specialist Faculty for the Dr. Pallavi Patel College of Health Care Sciences
Nova Southeastern University
2013

Department Level:

Chair of PhD Program Committee for the Department of Occupational Therapy
Nova Southeastern University
2016 to present

Faculty Advisor to 6 MOT students (Class of 2018-2019) for the Department of Occupational Therapy Department
Nova Southeastern University
2016 to present

Director of Research in the Department of Occupational Therapy-Tampa Campus
Nova Southeastern University
2011 to 2016

Director of Technology in the Department of Occupational Therapy
Nova Southeastern University
2011 to 2014

Chair of Faculty Annual Review Committee for the Department of Occupational Therapy
Nova Southeastern University
2012 to 2014

Chair of Search & Screen Committee for OT Faculty for the Department of Occupational Therapy
Nova Southeastern University
2012 to 2014

Chair of Search & Screen Committee for Staff for the Department of Occupational Therapy
Nova Southeastern University
2012 to 2014

Faculty Advisor to 18 OTD students (Class of 2016-2019) for the Department of Occupational Therapy Department
Nova Southeastern University
2013 to 2016

Department of Occupational Therapy representative to the Hybrid Programs Technology Committee (HPTC)
Joint department (OTD and DPT) Committee
Nova Southeastern University
2012 to 2014

TRAINING

Online 10-week Teaching Certificate Foundation Workshop. Online Learning Consortium (OLC). Online course, May 18 – July 20, 2017.

How to Engage and Captivate your Virtual Audience. Citrix Systems, Virtual interactive webinar, Tampa, Florida, June 18, 2015.

Qualitative Research Software: Two Day NVivo for Windows Training Workshop. QSR International, Ottawa, Ontario, June 8 – June 9, 2015.

Hybrid Transformation Institute Fall Semester (2014) online course. College of Health Care Sciences, Ft. Lauderdale, Florida, Sept. 8 – Dec. 2, 2014.

Research Academy: Evidence-Based Practice and How to Teach It, Summer Semester (2014) online course. College of Health Care Sciences, Ft. Lauderdale, Florida, May 6 – Aug. 22, 2014.

Teaching and Learning Academy Fall Semester (2013) online course. College of Health Care Sciences and College of Nursing, Ft. Lauderdale, Florida, Aug. 26 - Dec. 9th, 2013.

Hybrid Education – Best Practices Series at the Health Professions Division College of Health Care Sciences, Tampa, Florida, October 29th, 2013.

Designing and Assessing Significant eLearning Experiences in the Classroom. Pre-Conference Institute at the 93rd Annual American Occupational Therapy Association (AOTA) Conference and Expo, San Diego, California, April 24th, 2013.

Are the Digital Natives Getting Restless? Integrating Technology to Create Successful OT Hybrid Courses. Pre-Conference Institute at the 92nd Annual American Occupational Therapy Association (AOTA) Conference and Expo, Indianapolis, Indiana, April 25th, 2012.