

CURRICULUM VITAE

Sajay Arthanat, Ph.D., OTR/L, ATP
Professor & Interim Chair, Department of Occupational Therapy
College of Health and Human Services
University of New Hampshire
Ph: 603-862-1625
Email: Sajay.Arthanat@unh.edu

EDUCATION

- Ph.D. Rehabilitation Science, University at Buffalo, Feb 2007 (GPA: 3.8)
- Advanced Certificate in Assistive Technology, University at Buffalo, June 2004 (GPA: 3.9)
- Bachelor of Occupational Therapy, Dr. M.G.R. Medical University, India, November, 1997

PROFESSIONAL CERTIFICATION

- Occupational Therapist Registered (OTR®). National Board for Certification in Occupational Therapy, Certification# 213751
- Assistive Technology Practitioner (ATP). Certified by Rehabilitation Engineering and Assistive Technology Society of North America (RESNA)

LICENSURE

- Licensed Occupational Therapist (#2045)- New Hampshire Office of Licensed Allied Health Professionals

WORK EXPERIENCE

- Interim Chair (Oct 2020-Present): Department of Occupational Therapy, University of New Hampshire. *Primary Tasks: Oversee all administrative and programmatic aspects of the department primarily the academic quality and integrity of curricula, faculty development and evaluation, annual faculty reviews, and promotion and tenure reviews, Serve as an academic leader and liaison for the College of Health and Human Services, Teach, conduct research and serve the University and profession*
- Professor (Aug 2020- Present): Faculty, Department of Occupational Therapy, University of New Hampshire. *Primary Tasks: Teach and advise graduate and undergraduate Occupational Therapy students, Conduct and disseminate research, Grant writing, and Participate in professional & service activities*
- Associate Professor (Aug 2013- May 2020): Faculty, Department of Occupational Therapy, University of New Hampshire. *Primary Tasks: Teach and advise graduate and undergraduate Occupational Therapy students, Conduct and disseminate research, Grant writing, and Participate in professional & service activities*

- Assistant Professor (Aug 2007 to Aug 2013): Tenure Track Faculty, Department of Occupational Therapy, University of New Hampshire. *Primary Tasks: Teach and advise graduate and undergraduate Occupational Therapy students, Conduct and disseminate research, Grant writing, and Participate in departmental service activities*
- Post Doctoral Research Associate (Feb 2007-August 2007): Center for Assistive Technology, Rehabilitation Engineering Research Center (RERC) on Technology Transfer, University at Buffalo. *Primary Tasks: Evaluate technology submissions, Conduct primary and secondary market research, Collect data through interviews and focus groups, Design and conduct product efficacy trials, Manage and analyze data, Disseminate research and Develop grants.*
- Project Director (Co-PI: January 07-June 07): Pilot Study: Achieving Optimal Health and Productivity among Computer Users, Center for Assistive Technology, University at Buffalo. *Tasks: Design and implement a participatory ergonomic intervention program, Develop study methodology, Analyze data, and Report outcomes*
- Graduate Research Assistant (2002-2007): Center for Assistive Technology, Rehabilitation Engineering Research Center (RERC) on Technology Transfer, University at Buffalo. *Tasks: Collect data through interviews and focus groups, Design and conduct product efficacy trials, Manage and analyze data.*
- Co-Instructor (Spring, 2006): OT 533 Wheeled Mobility and Seating and RSC 640 Assistive Technology, Department of Rehabilitation Science, University at Buffalo. *Tasks: Design curriculum, Develop course material, Instruct and Grade*
- Supervised Teaching (2003-2004): Department of Rehabilitation Science, University at Buffalo. *Tasks: Developed and instructed a graduate level course, RSC 640: Assistive Technology, under mentorship of Dr. Stephen Bauer, Clinical Assistant Professor, Department of Rehabilitation Science, University at Buffalo.*
- Graduate Teaching Assistant (2002): Certificate program in Assistive Technology, Department of Rehabilitation Science, University at Buffalo. *Tasks: Assist with development of course materials, Instruct and Grade*
- Graduate Teaching Assistant (2001): OT 450 Orthotics and Prosthetics, Occupational Therapy program, University at Buffalo. *Tasks: Assist with development of course materials, Supervise orthotic lab.*
- Occupational Therapist (1999-2001): Department of Physical Medicine and Rehabilitation, St. Johns' Medical College and Hospital, Bangalore, India.

Tasks: Evaluate and provide Occupational Therapy intervention for clients with neurological, orthopedic and psychiatric disorders, Orient medical and nursing students to rehabilitation, Supervise fieldwork of interns, and Conduct community based rehabilitation.

- Occupational Therapist (1998-1999): Raksha Institute for Children with Multiple Handicaps, Cochin, India.

Tasks: Screen neo-natal high-risk infants, Provide developmental therapy for children, Develop training materials and instruct special ed students, and Conduct community based rehabilitation.

TEACHING

Department of Occupational Therapy, University of New Hampshire

- OT 730/830: Assistive Technology for Enhancing Occupational Performance (Spring 2011-Present).
- OT 730/830L: Assistive Technology for Enhancing Occupational Performance Lab (Spring 2011)
- OT 886: Research Engagement (Fall 2012-Present)
- OT 444: Living & Doing with Technology (2009-2014)
- OT 444 (H): Living & Doing with Technology (2016-Present)
- OT 751/851: Mind Body Systems (2007-Present).
- OT 752/852: Human Movement Lab (2008-2010).
- OT 764/864: Occupational Therapy Evaluation and Intervention Lab (2008-2011).
- OT 885: Research Methods and Applied Practice (2007-2011).
- OT 510: Exploring Occupational Therapy and Occupation (2009-2010).

Department of Rehabilitation Science, SUNY, University at Buffalo

- OT 533: Wheeled Mobility and Seating (Co-Instructor, 2006).
- RSC 640: Assistive and Rehabilitation Technology (Co-Instructor, 2004-2006).

RESEARCH

PUBLICATIONS

Gesel, P., Mikulis-Borsoi, F., LaRoche, D.P., **Arthanat, S.**, Begum, M. (accepted 2020) Learning optimized human motion via phase space analysis. In 2020 International Conference on Intelligent Robots and Systems (IROS). IEEE.

Fields, B., Rodakowski, J., Jewell, V.D., **Arthanat, S.**, Park, M., Piersol, C.V., Schepens Niemiec, S.L., Womack, J., & Mroz, T. (in press). Informal caregiving and aging-in-place in the United States: Advancing the value of occupational therapy. American Journal of Occupational Therapy, 75(6)

- Arthanat, S.**, Begum, M., Gu, T., LaRoche, D. P., Xu, D., & Zhang, N. (2020). Caregiver perspectives on a smart home-based socially assistive robot for individuals with Alzheimer's disease and related dementia. *Disability and Rehabilitation: Assistive Technology*, 1–10. <https://doi-org.unh.idm.oclc.org/10.1080/17483107.2020.1753831>
- Arthanat, S.**, Chang, H. and Wilcox, J. (2020). Determinants of information communication and smart home automation technology adoption for aging-in-place. *Journal of Enabling Technologies*, 14 (2), 73-86. <https://doi.org/10.1108/JET-11-2019-0050>
- Gosselin, L. R., & **Arthanat, S.** (2019). Reliability and validity of the Usability Scale for Assistive Technology for Computer Access: A preliminary study using video-based evaluation. *Assistive Technology*, 1-7.
- Arthanat, S.** (2019). Promoting Information Communication Technology Adoption and Acceptance for Aging-in-Place: A Randomized Controlled Trial. *Journal of Applied Gerontology*, 0733464819891045.
- Arthanat, S.**, Wilcox, J., & Macuch, M. (2018). Profiles and Predictors of Smart Home Technology Adoption by Older Adults. *OTJR: occupation, participation and health*, 1539449218813906.
- Koester, H. H., & **Arthanat, S.** (2018). The design, conduct, and reporting of research on text entry with alternative access interfaces: Recommendations from a systematic review. *Technology and Disability*, 30(3), 83-95.
- Arthanat, S.**, Vroman, K.G, Lysack C., Grizzetti, J (2018). Multi-stakeholder perspectives on information communication technology training for older adults: Implications for teaching and learning. *Disability and Rehabilitation: Assistive Technology*, 2018 Jul 25:1-9. doi: 10.1080/17483107.2018.1493752
- Koester, H., & **Arthanat, S.** (2017). Effect of diagnosis, body site and experience on text entry rate of individuals with physical disabilities: a systematic review. *Disability and Rehabilitation: Assistive Technology*, 1-11. doi: 10.1080/17483107.2017.1369588
- Koester, H., & **Arthanat, S.** (2017). Text entry rate of access interfaces used by people with physical disabilities: A systematic review. *Assistive Technology*, 3, 1-13.
- Arthanat, S.**, Elsaesser, L. J., & Bauer, S. (2017). A survey of assistive technology service providers in the USA. *Disability and Rehabilitation: Assistive Technology*, 1-15.

- Arthanat, S.**, Lesner, K., & Sundar, V. (2016). An evaluation framework to measure usability of Assistive Technology at workplace: A demonstration study. *Journal of Vocational Rehabilitation, 44*(2), 213-226.
- Arthanat, S.**, Curtin, C., & Kontak, D. (2015). An evaluation protocol for selection of educational technologies for students with developmental disabilities: A demonstration study using iPad apps. *Journal of Occupational Therapy: Schools and Early Intervention, 8* (3), 236-255. 1.
- Vroman, K. G., **Arthanat, S.**, & Lysack, C. (2015). "Who over 65 is online?" Older adults' dispositions toward information communication technology. *Computers in Human Behavior, 43*, 156-166.
- Arthanat, S.**, Vroman, K., & Lysack C. (2014). A Home-Based Individualized Information Communication Technology Training Program for Older Adults: A Demonstration of Effectiveness and Value. *Disability and Rehabilitation: Assistive Technology, 16*, 1-9.
- Mulligan, S., White, B. P., & **Arthanat, S.** (2014). An Examination of Occupation-Based, Client-Centered, Evidence-Based Occupational Therapy Practices in New Hampshire. *OTJR: occupation, participation and health, 1-11*.
- Simmons, C.D., **Arthanat, S.**, & Macri, V. (2014). Pilot study: Computer-based virtual anatomical interactivity for rehabilitation of individuals with chronic acquired brain injury. *J Rehabil Res Dev, 51*(3):377-90. doi: 10.1682/JRRD.2013.05.0103.
- Bauer, S., Elsaesser, L. J., Scherer, M., Sax, C., & **Arthanat, S.** (2014). Promoting a standard for assistive technology service delivery. *Technology and Disability, 26*(1), 39-48.
- Arthanat, S.**, Curtin, C., & Kontak, D. (2013). Comparative Observations of Learning Engagement by Students With Developmental Disabilities Using an iPad and Computer: A Pilot Study. *Assistive Technology, 25*(4), 204-213.
- Arthanat, S.**, Simmons, C. D., & Favreau, M. (2012). Exploring occupational justice in consumer perspectives on assistive technology. *Canadian Journal of Occupational Therapy, 79*(5), 309-319.
- Vroman, K., & **Arthanat, S.** (2012). ICF and Mental Functions: Applied to Cross Cultural Case Studies of Schizophrenia. In: JH Stone, M Blouin, editors. *International Encyclopedia of Rehabilitation*. Available online: <http://cirrie.buffalo.edu/encyclopedia/en/article/308/>
- Arthanat, S.**, Desmarais, J., & Eikelberg, P (2012). Consumer perspectives on the usability and value of the iBOT(®) wheelchair: findings from a case series. *Disability and Rehabilitation: Assistive Technology, 7* (2):153-67.

- Bauer, S. M., Elsaesser, L., & **Arthanat, S.** (2011). An Assistive Technology Device Classification based upon the International Classification System of Functioning, Disability and Health (ICF). *Disability and Rehabilitation: Assistive Technology*, 6(3), 243-259
- Stone, V.I., Usiak, D.J, Lockett, M., & **Arthanat, S.** (2010). Beyond Technology Transfer: Quality of Life Impacts from R&D Outcomes. *Assistive Technology: Outcomes and Benefits* 6, 1: 87-128
- Bauer, S. M., & **Arthanat, S.** (2010). SBIR and STTR programs for assistive technology development: Evaluation of impact using an ICF-based Classification. *Assistive Technology: Outcomes and Benefits*. 6 (1), 39-71.
- Arthanat, S.**, Stone, V.I., & Usiak, D.J. (2010). Enabling products: Consumers with limited hand functions evaluate an automatic jar opener. *Technology & Disability*, 22 (3), 99-115.
- Arthanat, S.**, Nochajski, S.M., Lenker, J.A., Bauer, S.M., & Wu, B (2009). Measuring Usability of Assistive Technology from a Multi-Contextual Perspective: The Case with Powered Wheelchairs. *American Journal of Occupational Therapy*. 63(6), 751-764.
- Arthanat, S.**, Wu, B., Bauer, S.M., Lenker, J.A., & Nochajski, S.M. (2009). Development of the Usability Scale for Assistive Technology-Wheeled Mobility: A Preliminary Psychometric Evaluation. *Technology & Disability*, 21 (3), 79-95
- Strobel, W., **Arthanat, S.**, Bauer, S.M., & Flagg, J. (2007). Universal Design for Learning: Critical Need Areas for People with Learning Disabilities. *Assistive Technology: Outcomes and Benefits* 4 (1), 81-98.
- Arthanat, S.**, Bauer, S.M., Lenker, J.A., Nochajski, S.M., & Wu, B. (2007). Conceptualization and measurement of assistive technology usability. *Disability and Rehabilitation: Assistive Technology*, 2(4), 235-248.
- Strobel, W., Fossa, J., **Arthanat, S.**, & Brace, J. (2005). Technology for access to text and graphics for people with visual impairments and blindness in vocational settings. *Journal of Vocational Rehabilitation*, 24(2), 87-96.
- Arthanat, S.**, & Strobel, W. (2005). Wheelchair ergonomics and user biomechanics: Implications for vocational participation. *Journal of Vocational Rehabilitation*, 24(2), 97-110.
- Arthanat, S.**, Nochajski, S.M., & Stone, J. (2004). The International Classification for Functioning, Disability and Health and its application to cognitive disorders. *Disability and Rehabilitation*, 26(4), 235-245.

Book Chapters

Arthanat, S & Lenker, J.A. (2008). Evaluating the International Classification for Functioning, Disability and Health as a framework for clinical assessment of persons for assistive technology device recommendation. In T. Kroll., Focus on Disability: Trends in Research and Application (pp. 31-38). Nova Science Publishers, Inc

BOOK CHAPTER

Arthanat, S & Lenker, J.A. (2008). Evaluating the International Classification for Functioning, Disability and Health as a framework for clinical assessment of persons for assistive technology device recommendation. In T. Kroll., Focus on Disability: Trends in Research and Application (pp. 31-38). Nova Science Publishers, Inc

CONFERENCE PRESENTATIONS

Arthanat, S & Simpson, R (2020). Conducting Small Sample Research in Assistive Technology Practice Settings. Paper accepted for the 2020 Annual Rehabilitation Engineering & Assistive Technology Society of North America (RESNA) Conference, September 23-24.

Arthanat, S (2019). Smart home technology to promote care of individuals with Alzheimer's disease and dementia. Paper presented at the Innovations in Healthy Aging: An Applied Research Summit, University of New Hampshire, April 29.

Arthanat, S (2019). Promoting home safety for aging-in-place through technology. Paper presented at the summit on Fall Prevention: Keeping Older Adults at Home, Manchester, NH, April 17.

Arthanat, S (2019). Promoting aging-in-place through technology. Paper presented at the Tri-State Learning Collaborative Webinar, January 30.

Arthanat, S & Koester, H (2018). AT-Node: An evidence-based database to synthesize text entry performance of computer and communication interfaces. Paper presented at the Australian Assistive Technology Conference, Melbourne November 14.

Wilcox, J & **Arthanat, S**. (2018). An exploratory study on facilitators and barriers to aging-in-place technology for seniors in New England. Paper presented at the World Federation of Occupational Therapy Congress, Cape Town, South Africa, May 21-25, 2018

Arthanat, S & Vroman, K. (2018). A home-based ICT training program for aging-in-place. Development and randomized controlled study. Paper presented at the World Federation of Occupational Therapy Congress, Cape Town, South Africa, May 21-25, 2018

Arthanat, S & Messina, A. (2018). A survey to examine usability and cost benefits of assistive technology at workplace. Poster presented at the Assistive Technology Industry Association Conference, Orlando, FL January 31-Feb 3.

- Koester, H & **Arthanat, S.** (2018). Recommendations for the Design, Conduct, and Reporting of Research on Text Entry with Alternative Access Interfaces. Paper presented at the Annual Rehabilitation Engineering & Assistive Technology Society of North America (RESNA) Conference, Washington DC July 13-15.
- Arthanat, S** & Gosselin, L. (2017). Reliability and Validity of the Usability Scale for Assistive Technology for Computer Access. Paper presented at the Annual Rehabilitation Engineering & Assistive Technology Society of North America (RESNA) Conference, New Orleans, LA June 28-30.
- Koester, H & **Arthanat, S.** (2017). Text Entry Rate of Access Interfaces Used by People with Physical Impairments. Paper presented at the Annual Rehabilitation Engineering & Assistive Technology Society of North America (RESNA) Conference, New Orleans, LA June 28-30.
- Arthanat, S** & Vroman, K (2016). Multi-stakeholder perspectives for promotion of information communication technology for older adults. Paper presented at the Aging and Society Conference, Norrkoping, Sweden October 6-7.
- Vroman, K & **Arthanat, S** (2016). Predisposing factors to the use of information and communication technology by older adults. Paper presented at the Aging and Society Conference, Norrkoping, Sweden October 6-7.
- Arthanat, S.** (2016). Using metrics for assessment & outcomes: Relevance to practice and research. Paper presented at the Annual Rehabilitation Engineering & Assistive Technology Society of North America (RESNA) Conference, Washington, DC July 12-15.
- Koester, H & **Arthanat, S.** (2016). Systematic review of text entry methods for people with physical impairments. Paper presented at the Annual Rehabilitation Engineering & Assistive Technology Society of North America (RESNA) Conference, Washington, DC July 12-15.
- Arthanat, S** & Vroman, K (2014). *Examining patterns and profiles of Information and Communication Technology use by Older Adults*. Paper presented at the 16th International Congress of the World Federation of Occupational Therapy Congress, June 18-21st. Yokohama, Japan.
- Arthanat, S.** (2013). *Exploring usability of intelligent power wheelchairs in multiple contexts*. Paper presented at the Annual International Conference on Rehabilitation Robotics, Seattle, WA June 20-27.

Arthanat, S. (2013). *Comparative observations of learning engagement by students with developmental disabilities using the iPad and computer*. Paper presented at the Annual Rehabilitation Engineering & Assistive Technology Society of North America (RESNA) Conference, Seattle, WA June 20-24

Elsaesser, L.J., Scherer, M.J, Sax, C., **Arthanat, S.**, & Bauer, S.M (2013). *An instructional course on evidence based assistive technology services*. Presented at the Annual Rehabilitation Engineering & Assistive Technology Society of North America (RESNA) Conference, Seattle, WA June 20-24

Arthanat, S., & Favreau, M. (2010). *Applying Occupational Justice to Assistive Technology (AT) Practice through Client Perspectives*. Paper presented at the Annual American Occupational Therapy Conference, Orlando, FL, April 29.

Arthanat, S., Lenker, J.A. & Bauer, S.M. (2007). *Consumer's report of usability issues with power wheelchairs*. Paper presented at the Annual Rehabilitation Engineering & Assistive Technology Society of North America (RESNA) Conference, Phoenix, AZ, June 15-19

Arthanat, S., & Lenker, J.A. (2004). Evaluating the International Classification for Functioning, Disability and Health as a framework for clinical assessment of persons for assistive technology device recommendation. Paper presented at the 10th North American Collaborating Center (NACC) Conference on ICF, Halifax, NS, June 1-4.

GRANTS / FELLOWSHIPS

- Joint PI-UNH CoRE Pilot Research Partnership (2019-2020). Integrating social assistive robot (SAR) and smart home automation to support caregiving of individuals with Alzheimer's disease: A Proof-of-Concept Research-\$30,000, PI- Dr. Momotaz Begum
- PI- National Institute of Health- Academic Research Enhancement Award (2015). Examining the effectiveness of information and communication technology for older adults-\$370,127, Grant# 1R15AG044807-01A1
- Co-PI-Craig Neilsen Quality of Life Project Grant (2016). Improving the usability of assistive technology at work- \$100,000, PI- Dr. John O Neill, Kessler Foundation# 431834
- Co-PI (2019 –2021) Robust Learning of Sequential Motion from Human Demonstrations to Enable Robot-Guided Exercise Training-\$750,000. National Science Foundation# IIS 1830597 PI- Dr. Momotaz Begum, University of New Hampshire
- I-Corps, University of New Hampshire. National Science Foundation Site Grant. Development of a body-worn technology to minimize upper extremity repetitive motion injuries at work.
- Multi PI- Up-to-NIH Research Support Award (2013). University of New Hampshire- \$15,000.

- Co- PI- United University Professions Campus Grant (2006). Improving health and ergonomics of computer users in a university setting. State University of New York- \$10,000. PI- Joseph Lane, Center for Assistive Technology, University at Buffalo.

SERVICE ACTIVITIES

Service to the Department

- Chair- Promotion Committee. Department of Occupational Therapy. University of New Hampshire (Fall 2018)
- Chair- Faculty Search Committee. Department of Occupational Therapy. University of New Hampshire (Fall 2015-2016)
- Member- Promotion Committee. Department of Occupational Therapy. University of New Hampshire (Fall 2016)
- Chair- Program Evaluation Committee. Department of Occupational Therapy. University of New Hampshire (Fall 2015-Present)
- Chair- Promotion Committee. Department of Occupational Therapy. University of New Hampshire (Fall 2014)
- Co-Chair- Faculty Search Committee. Department of Occupational Therapy. University of New Hampshire (Fall 2013)
- Member- Faculty Search Committee. Department of Occupational Therapy. University of New Hampshire (Spring 2013)
- Member- Accreditation Self Study Committee. Department of Occupational Therapy. University of New Hampshire (Spring 2013- Fall 2014)
- Member- Academic Policy Committee. Department of Occupational Therapy. University of New Hampshire (2007-2012)

Service to the College

- Member- Telepractice Health Center, College of Health and Human Services. University of New Hampshire, Spring 2018-Current
- Co-Instructor- Introduction to Telehealth (Special Topics HHS: 798/898). College of Health and Human Services, Spring 2019-Current
- Member- College Research Council, College of Health and Human Services. University of New Hampshire, Spring 2018- Current
- Member- PhD Task Force, College of Health and Human Services. University of New Hampshire, Fall 2015-Spring 2018.
- Member- Gerontology Multidisciplinary Minor. Advisory Committee. College of Health and Human Services (Spring 2018-Present)

Member- Strategic Plan Workgroups-Research, College of Health and Human Services.

University of New Hampshire, Spring 2016

Member-Associate Dean Search Committee, College of Health and Human Services. University of New Hampshire, Spring 2016

Coordinator & Member- Research Affinity Groups. College of Health and Human Services.

University of New Hampshire (Fall 2011-Present)

Member- Dean's Research Support Initiative. College of Health and Human Services (Spring 2015)

Member- Community Engagement and Scholarship Council. College of Health and Human Services. University of New Hampshire (Fall 2010)

Service to the University

Member- Discovery Program Review Committee. University of New Hampshire (2019-2020)

Faculty Coach- UNH Writing Academy.. University of New Hampshire (2019)

Member. Discovery Curriculum Committee. University of New Hampshire (2018-Present).

Faculty Coach- Research and Engagement Academy. University of New Hampshire (2018)

Research and Engagement Academy. Panel Member. Graduate School. University of New Hampshire (2016)

Dissertation Fellowship Committee. Graduate School. University of New Hampshire (2009-2010)

PROFESSIONAL SERVICE

Dissertation Committees

External Dissertation Examiner (2017). Steel, E. *The right choice? An interpretive policy analysis of assistive technology in Australian disability services*. University of Queensland, Australia.

External Dissertation Examiner (2018-2019). van Niekerk, K. *Perspectives of rehabilitation professionals on assistive technology provision to young children with disabilities in South Africa*. University of Pretoria, South Africa.

Positions held

Chair- Research Committee. Rehabilitation Engineering and Assistive Technology Society of North America (2018-Present).

Panel Member (2019). American Occupational Therapy Foundation (AOTF). Planning Grant Collective- Stimulating Research to Enhance Aging-in-Place.

Member- Research Committee. Rehabilitation Engineering and Assistive Technology Society of North America (2017-2018).

Advisory Group Member- National Institute of Speech and Hearing, Thiruvananthapuram, and
National Institute of Physical Medicine and Rehabilitation, Thrissur, India
Institution Review Board Member. Crotched Mountain School and Rehabilitation Center.
Greenfield, NH (2011- 2015).

Editorial Work

- Editorial Board Member- Assistive Technology Journal (2017-Present)
- Guest Reviewer- Assistive Technology Journal
- Guest Reviewer-Disability & Rehabilitation: Assistive Technology
- Guest Reviewer-Journal of Rehabilitation Research and Development
- Guest Reviewer-Canadian Journal of Occupational Therapy
- Guest Reviewer- Journal of Applied Gerontology

External Grant Reviews

- Disability Rehabilitation Research Project (2013). National Institute for Disability Rehabilitation Research. Department of Education.

AWARDS

- England Faculty Fund (2017-2021). Department of Occupational Therapy. University of New Hampshire
- Roger A. Ritvo Faculty Mentor Award (2016). College of Health and Human Services, University of New Hampshire
- Faculty Scholar. Research and Engagement Academy (2013). University of New Hampshire
- Laurel Cargill Radley Research Support Award (2012). Department of Occupational Therapy. University of New Hampshire
- Outstanding New Investigator Research Award (2010). College of Health and Human Services. University of New Hampshire
- Faculty Development Grant (2008). University of New Hampshire
- Student Scientific Paper Award (2007). Annual RESNA Conference, Phoenix, AZ
- J. Warren Perry Scholarship for Academic Achievement (2005). University at Buffalo
- Mark Diamond Research Fund for Graduate Research (2005). University at Buffalo
- Canadian American Studies Committee Award (2004). University at Buffalo

RESEARCH MENTORSHIP

- Undergraduate Research Opportunities Program (2017). Hamel Center for Research. University of New Hampshire. Recipient- Mackenzie Macuch
- Occupational Therapy Honors Thesis (2017)- Alyson Messina

- Undergraduate Research Opportunities Program (2016). Hamel Center for Research. University of New Hampshire. Recipient- Livia Gosselin
- Undergraduate Research Opportunities Program (2013). Hamel Center for Research. University of New Hampshire. Recipient- Stefanie Cheung
- Undergraduate Research Opportunities Program (2013). Hamel Center for Research. University of New Hampshire. Recipient- Kasey Lesner
- Summer Undergraduate Research Fellowship (2011). Hamel Center for Research. University of New Hampshire. Recipient- Christine Curtin
- Theo-Steelman Annual Fellowship (2012). College of Health and Human Services. University of New Hampshire. Recipient- Christine Curtin

AFFILIATIONS / MEMBERSHIPS

- Member- American Occupational Therapy Association
- Member- Rehabilitation Engineering and Assistive Technology Society of North America