

CURRICULUM VITA

ROCHELLE J. MENDONCA

EDUCATION

- 2010 Ph.D., Health Sciences
University of Wisconsin-Milwaukee
Focus on accessibility and measurement in human disability.
Dissertation title, “Assessing Labeling and its Effects on Decision Making by Individuals with Disabilities”.
Advisor: Dr. Roger O. Smith.
- 2005 M.S., Occupational Therapy
University of Wisconsin-Milwaukee
Thesis title: “Assessing the usability of the MED-AUDIT (Medical Equipment Device – Accessibility and Universal Design Information Tool)”.
Advisor: Dr. Roger O. Smith
- 2003 B.S., Occupational Therapy
Seth G.S. Medical College, Mumbai, India
Thesis Title: “Assessment of cognitive and perceptual performance on LOTCA (Loewenstein Occupational Therapy Cognitive Assessment) in hypertensive individuals and their treatment”.

PROFESSIONAL EXPERIENCE

Academic Appointments

- 2018-Present Associate Professor, Department of Rehabilitation Sciences, Occupational Therapy Program, Temple University
- 2013-2018 Assistant Professor, Department of Rehabilitation Sciences, Occupational Therapy Program, Temple University
- 2014-2016 Coordinator of the Clinical Doctorate in Occupational Therapy, Department of Rehabilitation Sciences, Occupational Therapy Program, Temple University
- 2010-2013 Assistant Professor, Department of Occupational Therapy, University of the Sciences in Philadelphia
- 2010 – Present Honorary Research Scientist at the Rehabilitation Research Design and Disability Center (R₂D₂) at the University of Wisconsin-Milwaukee
- 2009-2010 Senior Lecturer, Department of Occupational Therapy, University of Wisconsin-Milwaukee
- 2009-2010 Coordinator of the Assistive Technology and Accessible Design (ATAD) Certificate in the Department of Occupational Therapy at UW-Milwaukee
- 2008-2009 Lecturer, Department of Occupational Therapy, University of Wisconsin-Milwaukee

2007 – 2008	Research assistant at the Rehabilitation Research Design and Disability Center (R2D2) at the University of Wisconsin-Milwaukee
2004 – 2006	Research assistant at the Rehabilitation Research Design and Disability Center (R2D2) at the University of Wisconsin-Milwaukee
2006	Research Assistant at Kuwait University, Kuwait (May 2006 to August 2006)
2006	Outreach specialist at the Rehabilitation Research Design and Disability Center (R2D2) at the University of Wisconsin-Milwaukee (January 2006 to May 2006)

Professional Clinical Appointments

2018 – Present	Per Diem Occupational Therapist at Inglis House, a long term care facility for individuals with physical disabilities
2007 – 2008	Senior home repair evaluator and assessor for accessibility and safety through the Layton Boulevard West Neighbors Project
2004	Occupational Therapist at Ideal Education School, Kuwait (March 2004 to June 2004)
2003 – 2004	Occupational Therapist at Society for the Education of the Crippled, Mumbai, Maharashtra, India
2003 – 2004	Occupational Therapist at the Centre for Research in Mental Retardation, Mumbai, Maharashtra, India
2003 – 2004	Occupational Therapist at the Multiple Sclerosis Society of India, Mumbai, Maharashtra, India
2003 – 2004	Home based occupational therapy to three clients: 7 years old female child with spastic cerebral palsy with blindness, 6 years old male child with spastic hemiplegia and autism, and 32-year old female client with paranoid schizophrenia and obsessive compulsive disorder

Occupational Therapy License

2011- Present	National Board for Certification in Occupational Therapy: Certificate # 285993
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TEACHING EXPERIENCE

Temple University

1. OT 1001: Exploring Occupational Therapy [Spring 2015]
2. OT 5002: Occupation in the Promotion of Health (Lecture/Lab) [Fall 2013]
3. OT 5003: Applied Group Dynamics [Spring 2014, Spring 2015, Spring 2016]
4. OT 5003: Group Dynamics in Occupational Therapy [Spring 2017, Spring 2018]
5. OT 5004: Professional Concepts I [Summer 2014, Summer 2015]
6. OT 5006: Human Physiology [Summer 2014, Summer 2015]
7. OT 5015: Human Dynamics in Occupational Therapy [Summer 2016, Summer 2017]
8. OT 5112: Assessment and Intervention in Adults (Lab) [Spring 2014]
9. OT 5113: Assessment and Intervention in Older Adults (Lab) [Fall 2013]

10. OT 5121: Specialty Rehabilitation Skills I (Splinting) [Spring 2014]
11. OT 5122: Specialty Rehabilitation Skills II (Assistive Technology) [Fall 2013, Fall 2014, Fall 2015, Fall 2016]
12. OT 5123: OT Practice – Assistive Technology [Fall 2017, Fall 2018]
13. OT 5151: Research Design and Methodology [Fall 2013, Fall 2014, Fall 2015, Fall 2016, Fall 2017, Fall 2018]
14. OT 5152: Research II: Design and Proposal Development for Occupational Therapy [Spring 2017, Spring 2018]
15. OT 5191: Applied Research [Fall 2013, Fall 2014, Fall 2015, Fall 2016]
16. OT 5251: Research III: Implementation in Occupational Therapy [Summer 2017, Summer 2018]
17. OT 5252: Research IV: Outcomes & Dissemination Promoting Occupational Therapy [Fall 2017, Fall 2018]
18. OT 8100: Topics in OT Specialty [Summer 2015, Summer 2016]
19. OT 8509: Leadership in Health Professions [Summer 2014, Summer 2015, Summer 2016, Summer 2017]
20. OT 8512: Studies in Outcome Measurement and Analysis [Fall 2015, Spring 2017, Spring 2018]
21. OT 8513: Evidence Based Practice and Clinical Research [Fall 2015, Fall 2016, Fall 2017, Fall 2018]
22. OT 8901: Capstone Project [Spring 2015, Spring 2016, Spring 2017]
23. OT 8902: Capstone Project Inquiry [Spring 2018]
24. OT 8903: Capstone Project Proposal [Summer 2018]
25. OT8904: Capstone Project Implementation [Fall 2018]
26. OT 9089: Field Study and Professional Portfolios [Spring 2015, Spring 2016]

University of the Sciences in Philadelphia

1. OT 103: Occupational Therapy Orientation III [Spring 2012]
2. OT 105/405: Overview of Occupational Therapy Practice [Summer 2011]
3. OT 308/508: Movement Analysis (Lecture/Lab) [Fall 2010, Fall 2011]
4. OT 320/520: Introduction to Clinical Skills (Lecture/Lab) [Fall 2010]
5. OT 612: Clinical Reasoning and Professional Development [Spring 2011]
6. OT 422/622: Occupational Therapy Intervention I: Contextual Approaches (Lecture/Lab) [Summer 2011, Summer 2012, Summer 2013]
7. HS 610: Health Care Abroad [Summer 2012]
8. OT 652: Occupational Therapy Interventions IV: Cognitive Approaches (Lab) [Spring 2011]
9. OT 660: Applied Research II [Fall 2012]
10. OT 665: Applied Research III [Fall 2011, Spring 2012, Fall 2012, Spring 2013]
11. OT 672: Occupational Therapy Interventions VI: Assistive Technology (Lecture/Lab) [Spring 2011, Spring 2012, Spring 2013]
12. OT 699: NBCOT course [Fall 2012]
13. OT 399/499/599: Independent Studies

University of Wisconsin-Milwaukee

1. OccThpy 340: Evidence I: Measurement and Instrumentation [Fall 2004, Fall 2005, Fall 2006, Fall 7, Fall 2008, Fall 2009]
2. OccThpy 341: Evidence for Practice II: Appraising evidence [Summer 2010]
3. OccThpy 625: Design and Disability [Fall 2007, Fall 2008, Fall 2009]
4. OccThpy 701: Advanced Measurement and Instrumentation [Fall 2009]
5. OccThpy 770: Assessment in Assistive Technology and Accessible Design [Summer 2010]

Invited Guest Lectures

1. Designing adapted technology with low cost materials [University of Pennsylvania - Engineering Program – October 27, 2017]
2. Assistive Technology Design and Evaluation Considerations; Universal Design and Human Factors in Design [University of Pennsylvania - Engineering Program – September 15, 2017, September 16, 2016, September 11, 2015]
3. Introduction to Assistive Technology and Accessibility (Course: Introduction to Health Professions) [Temple University – Therapeutic Recreation Program – April 8th, 2015, April 1st, 2014]
4. Assessment and Evaluation in Occupational Therapy (Course: OT 5111 – Occupational Therapy Assessment and Intervention with Children and OT 5112 – Occupational Therapy Assessment and Intervention with Children) [Temple University – Occupational Therapy Program – January 22, 2016, January 23, 2015]
5. Evaluating the effect of accessibility information for medical devices for people with disabilities (Course: Design and Disability) [University of Wisconsin-Milwaukee – October 24, 2017, May 3, 2017, October 15, 2015, October 23, 2014, October 17, 2013, November 18, 2010]
6. Introduction to Assistive Technology and Universal Design [Far East University, South Korea – September 3, 2012]
7. Cognitive Interventions for Apraxia and Agnosia (Course: Occupational Therapy Interventions V: Cognitive Interventions) [University of the Sciences in Philadelphia – March 31, 2011 and February 2, 2012]
8. Contextual evaluations and assessments (Course: Evaluations and Assessments) [University of the Sciences in Philadelphia – February 29, 2011]
9. Home assessments and Modifications (Course: Occupational Therapy in Gerontology) [University of Wisconsin-Milwaukee – March 10, 2009]
10. Taxonomies (Course: Advanced Occupational Therapy Theory) [University of Wisconsin-Milwaukee – October 25, 2007]
11. Introduction to Assistive Technology (Course: Introduction to Occupational Therapy and Enhancing Health I) [University of Wisconsin-Milwaukee – March 20, 2005, November 4, 2005, March 3, 2006, November 15, 2006]

PROFESSIONAL SERVICE

National

2012-Present

Member of the U.S. Access Board Committee for Medical Diagnostic Equipment Accessibility Standard Development

Temple University

2018-Present	Occupational Therapy Program ACOTE Accreditation Committee (Member)
2017-Present	College of Public Health Faculty Senate Representative (Member)
2017-Present	College of Public Health Inclusive Teaching Committee (Co-chair)
2017-Present	College of Public Health Campus Accessibility Committee (Co-chair)
2016-Present	College of Public Health Diversity Committee (Member)
2016-2017	Health Sciences Interprofessional Education Workshops (Member)
2016-2017	Therapeutic Recreation Faculty Recruitment Committee (Member)
2014-2016	Temple University Representative on the National Post-Professional Occupational Therapy Doctoral Degree Committee (Member)
2015	College of Public Health Global Health Committee (Member)
2014-2015	College of Health Professions and Social Work Distance Education Committee (Member)
2014-2015	College of Health Professions and Social Work Graduate Recruitment Committee (Member)
2014	Occupational Therapy Library Committee (Member)
2013-2014	ADA Instructional Materials and Accessibility Workgroup (Member)
2013-2014	Occupational Therapy Program Admissions Committee (Chair)
2014-Present	Occupational Therapy Program Admissions Committee (Member)

University of the Sciences in Philadelphia

2012-2013	Member of the U.S. Access Board Committee for Medical Diagnostic Equipment Accessibility Standard Development
2012-2013	Member of the Department of Occupational Therapy Accreditation Committee
2013	Member of the Department of Occupational Therapy Research Curriculum Task Force
2012-2013	Member of the Provost Search Committee
2012-2013	Member of the University Senate (Senator for Samson College of Health Sciences)
2012-2013	Co-Chair of the University Curriculum Committee
2012-2013	Member of the University Technology Committee
2011-2012	Member of the University Curriculum Committee
2011-2012	Member of the Middle States Review Group on Mission and Vision,
2011-2012	Secretary of the Samson College of Health Sciences College Sub-Council
2012	Member for the Martin Luther King Day Service Event Project
2011	Chair of the Department of Occupational Therapy Faculty Search Committee
2011	Member on the Learning Management System Project Team
2011	Member for the Martin Luther King Day Service Event Project
2011	Member for the Samson College of Health Sciences Student Undergraduate Mixer

Community Service

2006-2007	Home assessor for the Senior Home Repair Project through the Layton Boulevard West Neighborhood to evaluate and provide recommendations for accessibility and safety of older people living in their homes
2003	Occupational Therapy evaluator at Arogya Mahamela: Organised by Ministry of Health and Family Welfare, Government of India, at Dharavi, Mumbai
2003	Community work at Bidra Sarvodaya Rehabilitation Trust, Kutch, Gujarat: Provision of therapy and social support to an earthquake affected region
2002	Occupational Therapy evaluation of patients with cardiac complaints held at Azad Maidan, Mumbai under the aegis of National Society For Prevention of Heart Disease and Rehabilitation
2002	Fund Raising for Let Individuals Feel for Everyone (LIFE): a fund raising drive for projects to help individuals with disabilities in India irrespective of caste, creed, religion and age

Consulting

2010	Advisory Committee Member for the Universal Design in Learning and Assistive Technology Certificate at West Chest University, Philadelphia
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Journal Guest Reviewer Positions

2018-Present	Occupational Therapy Journal of Research
2018-Present	Disability and Rehabilitation – Assistive Technology
2018-Present	Medical Decision Making
2017-Present	Canadian Journal of Occupational Therapy
2016-Present	RATE journal
2015-Present	Applied Ergonomics
2014-Present	Journal of NeuroEngineering and Rehabilitation
2013	Association for the Advancement of Medical Instrumentation – Horizons Journal

Student Academic Committees, Advising, and Mentoring

2017-Present	Capstone Advisor (Alaa Abou-Arab), Temple University Clinical Doctorate in Occupational Therapy Program
2014-2018	Capstone Advisor (Teresa Giammarino), Temple University Clinical Doctorate in Occupational Therapy Program
2014-2017	Capstone Advisor (Caroline Welch), Temple University Clinical Doctorate in Occupational Therapy Program
2014-2016	Capstone Advisor (Taliah Cook), Temple University Clinical Doctorate in Occupational Therapy Program
2014-2016	Capstone Advisor (Allison Sullivan), Temple University Clinical Doctorate in Occupational Therapy Program
2014-2015	Capstone Advisor (Marie-Lyne Grenier), Temple University Clinical Doctorate in Occupational Therapy Program

2012-2013 Capstone Advisor (Maria Sebastian), University of the Sciences in Philadelphia Doctorate in Occupational Therapy Program

Memberships

2017-Present RESNA (Rehabilitation Engineering Society of North America)
2011-Present Pennsylvania Occupational Therapy Association.
2007-Present American Occupational Therapy Association
2006-Present Phi Kappa Phi Honor Society.
2003-Present All India Occupational Therapists' Association.
2011-2012 American Society of Neurorehabilitation.
2010-2012 American Congress of Rehabilitation Medicine.
2007-2010 Wisconsin Occupational Therapy Association.
2010 Student chapter of the Human Factors and Ergonomics Society@UWM

HONORS/AWARDS

2008 – 2010 Dissertation Fellow at the Rehabilitation Research Design and Disability Center (R2D2) at the University of Wisconsin-Milwaukee
2008 Chancellor's Graduate Student Award at the University of Wisconsin-Milwaukee (\$1250)
2008 – 2009 American Occupational Therapy Foundation Award through the Wisconsin Occupational Therapy Association (\$1500)
2008 Graduate Student Scholarship at the International Conference Aging, Disability and Impairment (\$995)
2008 Student Scholarship Award at the Wisconsin Biotechnology and Medical Device Association (\$150)
2007 Chancellor's Graduate Student Award at the University of Wisconsin-Milwaukee (\$6500)
2007 University of Wisconsin-Milwaukee Graduate Student Travel Award (\$175)
2006 – 2007 Research Fellow at the Rehabilitation Research Design and Disability Center (R2D2) at the University of Wisconsin-Milwaukee
2005 Student Design Award for the RESNA 29th International Conference on Thriving in Challenging Times: The Future of Rehabilitation Engineering and Assistive Technology, Atlanta, GA (\$800)

GRANTS/CONTRACTS

Funded

1. Principal Investigator (Sub-contract). Development of a Multi-Faceted Software Evaluation for Home Reintegration: There's an App for That? Department of Education/Office of Post-Secondary Education. National Institutes of Health (2014-2017) (H133G140222) (\$42,123, 10/01/2014-09/30/2017)
2. Principal Investigator. International Study Abroad Health Care Program for Occupational Therapy Students. Internationalization grant - Temple University. (\$4000, 07/01/2014-06/30/2015)

3. Principal Investigator. Implementation and Evaluation of a Summer Activity Program for Women Diagnosed with Cancer. Dolfinger-McMohan Foundation (\$15,000; 6/1/2013-6/1/2014)
4. Principal Co-Investigator. Sensory friendly programming for cultural arts settings. Kennedy Center for the Performing Arts (\$26,000, 2013-2014)
5. Principal Investigator. Development and Implementation of a Summer Activity Program for Women Diagnosed with Cancer. Dolfinger-McMohan Foundation (\$9,125; 6/1/2012-6/1/2013)
6. Principal Investigator. Development and Implementation of a Summer Activity Program for Older Women Diagnosed with Cancer. Genesis Rehabilitation Care of Philadelphia (\$3,000; 6/1/2012-6/1/2013)
7. Principal Investigator. Funds to support researcher work on summer activity programs for women with cancer. University of the Sciences in Philadelphia Trustee, Dr. Kate Mayes (\$6000; 6/1/2012 to 6/1/2013)
8. Principal Co-Investigator. Sensory friendly theater programming. Kennedy Center for the Performing Arts (\$3,900, 2012)
9. Principal Investigator. Assessing the impact of accessibility information for medical devices for people with disabilities. Dissertation Fellowship Award at the University of Wisconsin-Milwaukee (one of fourteen awarded annually), (\$14,000; 8/1/2008-5/31/2009)
10. Principal Investigator. Development of an evaluation methodology to assess decision making in people with disabilities. Graduate Student Fellowship at the University of Wisconsin-Milwaukee (one of fourteen awarded annually) (\$11,500; 2006-2007)
11. Funded by:
 - a. Research Assistant. UD ITEACH: Moving Beyond Individual Accommodations Through the Application of Universal Design Principles and Practices. U.S. Department of Education, Office of Postsecondary Education (P333A080071, \$1,059, 279; 2008-2011).
 - b. Research Assistant. ACCESS-ED: Promoting Universal Design in Higher Education. U. S. Department of Education, Office of Postsecondary Education (P333A050090, \$1,032,089; 2005-2009).
 - c. Research Assistant. UWM Projects of the Accessible Medical Instrumentation Rehabilitation Engineering Research Center. Sub-Contract to Marquette University. U.S. Department of Education, National Institute of Disability and Rehabilitation Research, (\$285, 000; 2002-2007).
 - d. Research Assistant. Assistive Technology Outcomes Measurement System Project. U.S. Department of Education, National Institute of Disability and Rehabilitation Research (\$2.25 million; 2001-2006)

Pending

1. Principal Investigator (Sub-Contract) (PI: Roger O. Smith – University of Wisconsin-Milwaukee). Effective Participation through Informed Choices in the Community (EPIC²): Disability Research and Rehabilitation Program. Administration for Community Living, Department of Health/Human Services - NIDILRR RERC (2018-2023)
2. Principal Investigator (Sub-Contract) (PI: Roger O. Smith – University of Wisconsin-Milwaukee). Rehabilitation Research Project (DRRP) on Technology Interventions for Personalized Independence. Administration for Community Living, Department of Health/Human Services – NIDILRR DRRP (2018-2023).

3. Principal Investigator (Sub-Contract) (PI: Michelle J. Johnson – University of Pennsylvania). Affordable Haptic Robots for Rehabilitation in Community-Based Settings. National Institutes of Health (2019-2024).
4. Co-Investigator (Sub-Contract) (Subcontract PI: Shivayogi Hiremath – Temple University). National Robotics Institute: Lightweight, Robust, and Reconfigurable Systems to Assist Activities of Daily Living. National Science Foundation (2018-2021).
5. Principal Investigator. Feasibility of a Home Assessment Intervention to Improve Safety and Accessibility in the Home. American Occupational Therapy Foundation Letter of Intent. (2019-2020)
6. Principal Co-Investigator (PI: Katherine Bevans – Temple University). Impact and cost effectiveness of home-based OT on functional cognition outcomes. American Occupational Therapy Foundation Letter of Intent. (2019-2020)

PUBLICATIONS

Peer Reviewed Publications

1. Maher, C. & Mendonca, R. (2018). Impact of an activity based program on health, quality of life and occupational performance of women with cancer. *American Journal of Occupational Therapy*, 72(2),7202205040p1-7202205040p8. doi: 10.5014/ajot.2018.023663.
2. Maher, C., Yoon, S., Donovan, S., & Mendonca, R. (2018). Reliability of the Bulb Dynamometer for Assessing Grip Strength. *Open Journal of Occupational Therapy*, 6(2).
3. Sebastian, M. & Mendonca, R. (2017). Evaluating factors that impact a computer training program for individuals with physical disabilities. *Journal of Enabling Technologies*, 11(4).
4. Sullivan, A. & Mendonca, R. (2017). Impact of a Fieldwork Experience on Attitudes Toward People with Intellectual Disabilities. *American Journal of Occupational Therapy*, 71(6), 7106230010p1-7106230010p8. doi:10.5014/ajot.2017.025460
5. Johnson, M. J., Rai, R., Barathi, S., Mendonca, R., & Bustamante-Valles, K. (2017). Affordable Stroke Therapy in High, Low and Middle Income Countries: From Theradrive to Rehab CARES, a compact robot gym. *Journal of Rehabilitation and Assistive Technologies Engineering*, 4, 1-12.
6. Mohan, M., Mendonca, R., & Johnson, M. J. (2017). Towards Quantifying Dynamic Human-Human Physical Interactions for Robot Assisted Stroke Therapy. *2017 International Conference on Rehabilitation Robotics (ICORR)*, 913-918. doi: 10.1109/ICORR.2017.8009365
7. Grenier, M. L., Mendonca, R., Dalley, P. (2016). The effectiveness of orthoses in the conservative management of thumb CMC joint osteoarthritis: an analysis of functional pinch strength. *American Journal of Hand Therapy*, 29(3), 307-313.
8. Johnson, M. J., Christopher, S. M., Mohan, M., & Mendonca, R. (2015). Assessing human-human therapy kinematics for retargeting to human-robot therapy. *2017 International Conference on Rehabilitation Robotics (ICORR)*, 870-875. doi: 10.1109/ICORR.2015.7281312
9. Lemke, M. R. & Mendonca, R. J. (2013). A question of accessibility: Understanding lay users of medical devices. *Biomedical Instrumentation and Technology*, 47(s1), 20-25.
10. Lahm, E. A. & Mendonca, R. (2008). Assistive Technology Assessment Tools. *Technology in Action*, 4(3).

Submitted

1. Mendonca, R., Smith, R. O., Brondino, M., & Johnston, M. J. (2018). Use of Accessibility information labeling by people with disabilities for medical device purchase decisions: A randomized discrete choice experiment.
2. Johnson, M. J., Mohan, M., & Mendonca, R. (2018). A stimulus-response model of therapist-patient interactions in task-oriented stroke therapy can guide robot-patient interactions.
3. Cook, T. & Mendonca, R. (2018). The effectiveness of a comprehensive home health program on functional independence of older adults.
4. Mendonca, R. & Maher, C. (2018). Impact of an activity based program on pain, fatigue and quality of life for women living with cancer in the community.
5. Welch, C. & Mendonca, R. (2018). Evaluating factors impacting occupational therapy recommendations in school based practice.

Chapters in books published

1. Mendonca, R. J., Pickens, N. D., & Smith, R. O. (2017). Environmental modifications: Ethics of assessment and intervention. *Practical Applications for the Occupational Therapy Code of Ethics*. AOTA Press
2. Smith, R. O., Barnekow, K., Lemke, M. R., Mendonca, R., Winter, M., Schwanke, T., & Winters, J. M. (2007). Development of the MED-AUDIT (Medical Equipment Device-Accessibility and Universal Design Tool). In J. M. Winters and M. F. Story (Eds.), *Medical Instrumental: Accessibility and Usability Considerations* (pp. 283-296). Boca Raton: CRC Press.
3. Brochtrup, B. Lukic A., Mendonca, R. & Lauer, A. (2005). Accessible weight scale. In J.D. Enderle and B. Hallowell (Eds.), *National Science Foundation 2005: Engineering senior design projects to aid persons with disabilities* (pp. 310-311). Mansfield Centre, Connecticut: Creative Learning Press, Inc.
4. McGowan, D., Kim, J., Ahmad, A., Mendonca, R. & Sethi, A. (2005). Accessible exerciser: Handgrip assist. In J.D. Enderle and B. Hallowell (Eds.), *National Science Foundation 2005: Engineering senior design projects to aid persons with disabilities* (pp. 312-315). Mansfield Centre, Connecticut: Creative Learning Press, Inc.
5. Wall, E., Kim, J., Ahmad, A., Mendonca, R. & Sethi, A. (2005). Accessible exerciser: Leg support. In J.D. Enderle and B. Hallowell (Eds.), *National Science Foundation 2005: Engineering senior design projects to aid persons with disabilities* (pp. 316-317). Mansfield Centre, Connecticut: Creative Learning Press, Inc.

Chapters in Books Submitted/In-Preparation

1. Mendonca, R., Maher, C., Cook, T., & Santalucia, S. Restoring Activities of Daily Living. In. S. Gutman & D. Dirette Powers (Eds.) *Occupational Therapy for Physical Dysfunction*.
2. Maher, C. & Mendonca, R. Orthopaedic Conditions. In. S. Gutman & D. Dirette Powers (Eds.) *Occupational Therapy for Physical Dysfunction*.
3. Johnson, M. & Mendonca, R. Rehabilitation Robotics. In A. Mihailidis & R. Smith (Eds.). *Rehabilitation Engineering*.

Book Reviewer

1. Vroman, K. & Stewart, E. (2013). Occupational Therapy Evaluation for Adults: A Pocket Guide

Refereed Proceedings and Abstracts

1. Mendonca, R., Pierce, A., Allen, M., & Johnson, M. J. (2018). Do Therapists Use Object Affordances to Develop Functional Activities for Task-Oriented Therapy: Implications for Robot-Assisted Task-Oriented Therapy. *Proceedings of the RESNA 2018 International Conference*.
2. Mendonca, R., Burns, S. P., Pickens, N. D., & Smith, R. O. (2018). HESTIA – A home evaluation app: Usability Analysis. *Proceedings of the RESNA 2018 International Conference*.
3. Mendonca, R., Weisman, K., O'Hara, M., Van Dolder, K., Mohan, M., & Johnson, M. J. (in press). Quantifying therapist-patient roles using video analysis during occupation based therapy. *American Journal of Occupational Therapy*.
4. Mendonca, R., Maher, C., Bauer, A., & Lyons, R. (in press). Establishing Norms for the Bulb Dynamometer and Evaluating Pain and Comfort Differences between the Bulb and Jamar Dynamometers. *American Journal of Occupational Therapy*.
5. Maher, C. & Mendonca, R. (in press). Evaluation of a one-week occupation based program on pain, fatigue, participation, and satisfaction of women with cancer living in the community. *American Journal of Occupational Therapy*.
6. Welch, C. & Mendonca, R. (in press). Evaluating factors impacting occupational therapy recommendations in school-based practice. *American Journal of Occupational Therapy*.
7. Burns, S. P., Smith, R. O., Mendonca, R., & Pickens, N. D. (2017). Integrating a participatory design approach: Developing HESTIA with multidisciplinary perspectives. *Proceedings of the RESNA 2017 International Conference on Technology and Disability: Research, Design, Practice and Policy*.
8. Johnson, M. J., Mohan, M., & Mendonca, R. (2017). A Stimulus-Response Model of Therapist-Patient Interactions: Implications for Robot-Patient Interactions in Task-Oriented Stroke Therapy. *Proceedings of the RESNA 2017 International Conference on Technology and Disability: Research, Design, Practice and Policy*.
9. Cook, T. & Mendonca, R. (2017). The effectiveness of a comprehensive home health program for functional independence of older adult sin the home. *American Journal of Occupational Therapy*, 71(4), 7111515219p1-7111515219p1
10. Mendonca, R. & Maher, C. (2017). Evaluation of a one-week occupation-based program on the health and participation of women with cancer living in the community. *American Journal of Occupational Therapy*, 71(4), 7111515222p1-7111515222p1
11. Mendonca, R. Yhost, S., Santalucia, S. & Ideishi, S. (2017). Evaluation of the impact of animal assistive intervention on attention, social initiation, and regulation skills of children with disabilities. *American Journal of Occupational Therapy*, 71(4), 7111515217p1-7111515217p1
12. Johnson, M. J., Mendonca, R., Venditti, N., Jordan, A., & Barathi, S. (2017). Do therapists use object affordances to develop functional activities for task-oriented therapy: Implications for robot-assisted task-oriented therapy. *Archives of Physical Medicine and Rehabilitation*, 97(10), e59.
13. Mendonca, R., Johnson, M. J., Laskin, S., Adair, L., & Mohan, M. (2017). Quantifying therapist practitioner roles using video-based analysis: Can we reliably model therapist-patient interactions during task oriented therapy? *Archives of Physical Medicine and Rehabilitation*, 97(10), e55-e56.

14. Fuji, C., Bettlach, A., Mendonca, R., & Parks, J. (2016). Exploring play in children with special needs: A photovoice study. *American Journal of Occupational Therapy, 70*(4), 7011500082p1-7011500082p1
15. Maher, C. & Mendonca, R. (2015). Evaluation of a one-week, occupation-based program on the health and participation of women with cancer. *American Journal of Occupational Therapy, 69*(S1), 6911515157p1-6911515157p1
16. Mendonca, R., Griffiths, K., Waller, D., Strawbridge, M., & Sebastian, M. (2015). Impact of demographic and contextual factors on a computer-training program for people with physical disabilities. *American Journal of Occupational Therapy, 69*(S1), 6911515066p1-6911515066p1
17. Mendonca, R. (August, 2012). Assistive Technology: A Review of Historical Perspectives, Economic Evaluations, and Future Directions. *Proceedings of the 2012 Sendex Symposium on Assistive Technology.*
18. Mendonca, R. & Smith, R. O. (2012). Effects of providing accessibility information to people with disabilities. *Proceedings of the RESNA 2012 Conference.*
19. Mendonca, R. & Smith, R. O. (2012). Effects of accessibility labeling on medical device purchase decisions of individuals with disabilities. *Proceedings on the 2012 Symposium on Human Factors and Ergonomics in Health Care: Bridging the Gap.*
20. Mendonca, R. & Smith, R. O. (2012). Development of a methodology to measure the accessibility of medical devices: The MED-AUDIT (Medical Equipment Device Accessibility and Universal Design Information Tool). *Proceedings on the 2012 Symposium on Human Factors and Ergonomics in Health Care: Bridging the Gap.*
21. Mendonca, R. & Smith, R. O. (2011). Effects of consumer demographics and impairment on medical device purchase preferences by individuals with disabilities. *Archives of Physical Medicine and Rehabilitation, 92*(10), 1736-1737.
22. Mendonca, R. & Smith, R. O. (2011). Development of a methodology to measure accessibility. *Proceedings of the 2011 International Conference on Best Practices in Universal Design.*
23. Mendonca, R. & Smith, R. O. (2011). Effects of providing accessibility information to people with disabilities. *Proceedings of the 2011 Quality of Life Technology Symposium Conference.*
24. Mendonca, R. & Smith, R. O. (2010). Effects of providing medical device accessibility information to individuals with disabilities. *Archives of Physical Medicine and Rehabilitation, 91*(10), e36-e37.
25. Mendonca, R. & Smith, R. O. (2010). Development and evaluation of a methodology to assess the consequences of providing accessibility information to people with disabilities. *Proceedings of the RESNA 33rd International Conference on Making Assistive Technology and Rehabilitation Engineering a Sure Bet.*
26. Mendonca, R. & Smith, R. O. (2009). New methodology to evaluate the consequences and usefulness of providing accessibility information. *Proceedings of the RESNA 32nd International Conference on Technology and Disability: Research, Design, Practice and Policy.*
27. Mendonca, R., Smith, R. O., Lemke, M. & Winters, J. (2008). Improving healthcare for elderly individuals through better technology accessibility. *Proceedings of the Fifth International Conference on Healthcare Systems.*

28. Mendonca, R., Smith, R. O., Lemke, M. & Winters, J. (2008). Expert validation of the MED-AUDIT (Medical Equipment Device-Accessibility & Universal Design Information Tool). *Proceedings of the RESNA 31th International Conference on Campaigning for Assistive Technology, Designing Policy, Promoting Research and Strengthening Practice.*
29. Mendonca, R. J. (2008). Quantifying the accessibility of medical devices: Development and validation of the MED-AUDIT. *Proceedings of the International Conference on Aging, Disability and Independence.*
30. Mendonca, R. J., Jansen, C., Smith, R. O., John-Gomez, C., & Katz-Petted, L. (2008). Inter-disciplinary based evaluation and intervention for a senior home repair project. *Proceedings of the International Conference on Aging, Disability and Independence.*
31. Mendonca, R., Brochtrup, B., Lauer, A., & Lukic, A. (2005). *Universally Accessible Weight Scale.* Presented at the RESNA 28th International Conference on Technology and Disability: Research, Design, Practice and Policy.
32. Mendonca, R. (2005). Assessing the usability and the reliability of MED-AUDIT. *Proceedings of the 29th Annual Great Lakes Biomedical Conference, Biomedical Informatics: Applications, Achievements, and Frontiers: The Milwaukee Chapter of IEEE EMBS.*

Reports of proprietary/non-proprietary technical reports

1. Mendonca, R., Jansen, C., & Siegler, S. (2007). Home safety and accessibility assessment. Unpublished home assessment, UW-Milwaukee.
2. Mendonca, R. (2005). RERC-AMI R3 resource document: Measuring accessible medical instrumentation: Annotated bibliography. Retrieved from the World Wide Web: <http://www.r2d2.uwm.edu/lerc-ami/archive/measuringami.html>
3. Pizur-Barnekow, K., Lemke, M., Smith, R. O., Winter, M. & Mendonca, R. (2005). RERC-AMI R3 resource document: MED-AUDIT impairment categories: Working towards mapping AMI usability. Retrieved from the World Wide Web: <http://www.r2d2.uwm.edu/lerc-ami/archive/impairments.pdf>
4. Lemke, M., Winter, M., Pizur-Barnekow, K., Mendonca, R., Schwanke, T, Winters, J., & Smith, R. O. (2005). RERC-AMI R3 Resource Document: MED-AUDIT Black Box System (BBS) Taxonomy. Available on the World Wide Web at www.r2d2.uwm.edu/lerc-ami/r3resources.html
5. Lemke, M., Winter, M., Pizur-Barnekow, K., Mendonca, R., Schwanke, T, Winters, J., & Smith, R. O. (2005). RERC-AMI R3 Resource Document: MED-AUDIT Expert User System (EUS) Taxonomy. Available on the World Wide Web at www.r2d2.uwm.edu/lerc-ami/r3resources.html

Critically Appraised Papers (Available on request)

Thirty-three peer-reviewed CAP's published on the AOTA evidence exchange website.

Manuscripts in Preparation

1. Mendonca, R. J., Santalucia, S., Yhost, S., & Ideishi, S. A retrospective analysis of a Pet Enhanced Therapy (PET) program for children with disabilities.
2. Mendonca, R. J. & Smith, R. O. Differential use of accessibility information labeling by individuals with disabilities for medical device purchase decisions.

3. Mendonca, R. J. & Johnson, M. J. Understanding how objects influence choice of functional activities by occupational therapists
4. Mendonca, R. J., Mohan, M., & Johnson, M. J. Quantifying Practitioner Roles: A Video Analysis Study for Robotics Rehabilitation
5. Mendonca, R. & Maher, C. Reliability of Measurements of the Distal Upper Extremity: Comparison of Two Types of Tape Measures
6. Fuji, C., Bettlach, A., Parks, J., & Mendonca, R. Exploring play in children with special needs: A photovoice study.
7. Mendonca, R., Lustig, S., Angstadt, B., & Johnson, M. Evaluation of a stroke camp on upper extremity function for individuals with chronic stroke.
8. Mendonca, R., Sheehy, K., Freedman, E., & Grampurohit, N. Systematic review of robotic interventions on individuals with chronic stroke.
9. Grampurohit, N., Knopf, A., Fritsch, L., & Mendonca, R. Systematic review of virtual reality interventions on individuals with chronic stroke.

PRESENTATIONS

Invited Presentations

1. Mendonca, R. (June 2017). Insights into R₂D₂ Research: Focus on Elements Impacting Human Factor Integration in Device IFUs. Invited Presentation at the 7th Semi-Annual Device and Diagnostic Labeling Conference, San Jose, CA
2. Mendonca, R. (April 2017). Insights into R₂D₂ Research: Focus on Elements Impacting Human Factor Integration in Device IFUs. Invited Presentation at the 6th Semi-Annual Device and Diagnostic Labeling Conference, Alexandria, VA
3. Mendonca, R. (March, 2016). Human Factors in Design. Invited International Presentation at IETSM, Chihuahua, Mexico
4. Mendonca, R. (March, 2016). Assistive Technology and Universal Design. Invited International Presentation at IETSM, Chihuahua, Mexico
5. Mendonca, R. (March, 2016). Understanding Stroke. Invited International Presentation at IETSM, Chihuahua, Mexico
6. Mendonca, R. (March, 2016). Understanding Parkinson's Disease. Invited International Presentation at IETSM, Chihuahua, Mexico
7. Mendonca, R & Maher C. (April 2013). Effects of a one-week occupation based camp on quality of life of women with cancer. *Invited Keynote Presentation at the 2013 POTA dinner meeting*, Philadelphia, PA.
8. Mendonca, R. (August, 2012). Assistive Technology: A Review of Historical Perspectives, Economic Evaluations, and Future Directions. *Invited Keynote Presentation at the 2012 Sendex Symposium on Assistive Technology*, Kintex, South Korea.

National and International Presentations (Refereed)

1. Mendonca, R., Pierce, A., Allen, M., & Johnson, M. J. (2018). *Do Therapists Use Object Affordances to Develop Functional Activities for Task-Oriented Therapy: Implications for Robot-Assisted Task-Oriented Therapy*. Presented at the RESNA 2018 International Conference, Arlington, VA.
2. Mendonca, R., Burns, S. P., Pickens, N. D., & Smith, R. O. (2018). *HESTIA – A home evaluation app: Usability Analysis*. Presented at the RESNA 2018 International Conference, Arlington, VA.

3. Mendonca, R., Weisman, K., O'Hara, M., Van Dolder, K., Mohan, M., & Johnson, M. J. (2018). *Quantifying therapist-patient roles using video analysis during occupation based therapy*. Presented at the American Occupational Therapy Association Conference, Salt Lake City, Utah.
4. Mendonca, R., Maher, C., Bauer, A., & Lyons, R. (2018). *Establishing Norms for the Bulb Dynamometer and Evaluating Pain and Comfort Differences between the Bulb and Jamar Dynamometers*. Presented at the American Occupational Therapy Association Conference, Salt Lake City, Utah.
5. Mendonca, R., Grampurohit, N., Sheehy, K., Freedman, E. (2018). *Effectiveness of robotic therapy on upper extremity function and pain in adults with chronic stroke: A systematic review*. Presented at the American Occupational Therapy Association Conference, Salt Lake City, Utah.
6. Maher, C. & Mendonca, R. (2018). *Evaluation of a one-week occupation based program on pain, fatigue, participation, and satisfaction of women with cancer living in the community*. Presented at the American Occupational Therapy Association Conference, Salt Lake City, Utah.
7. Welch, C. & Mendonca, R. (2018). *Evaluating factors impacting occupational therapy recommendations in school-based practice*. Presented at the American Occupational Therapy Association Conference, Salt Lake City, Utah.
8. Grampurohit, N., Mendonca, R., Fritsch, L., & Knopf, A. (2018). *A systematic review protocol on the effectiveness of virtual reality intervention on upper extremity function and pain in chronic stroke*. Presented at the American Occupational Therapy Association Conference, Salt Lake City, Utah.
9. Burns, S. P., Mendonca, R. J., Pickens, N. D., & Smith, R. O. (2018). *HESTIA: A Comprehensive PEO-based Home safety evaluation tool*. Presented at the American Occupational Therapy Association Conference, Salt Lake City, Utah.
10. Nauss, A., Jordan, R., Rocco, G., Riley, B., Wolf, B., Mendonca, R., Johnson, M. J., Katak, S. (2017). *Effects of a week-long intense rehabilitation camp on walking outcomes of stroke individuals in Jamaica*. Presented at the 94th ACRM Annual Conference, Progress in Rehabilitation Medicine, Atlanta, GA.
11. Mohan, M., Mendonca, R., & Johnson, M. J. (2017). *Analyzing Patient-Therapist Physical Interactions in Occupational Therapy: Understanding Intent and Identifying Metrics*. Presented at the University of Pennsylvania Physical Medicine and Rehabilitation Research Day, Philadelphia, PA.
12. Welch, C. & Mendonca, R. (2017). *Evaluating factors impacting occupational therapy recommendations in school based practice*. Presented at the New Jersey Occupational Therapy Association Conference, East Windson, NJ.
13. Mohan, M., Mendonca, R., & Johnson, M. J. (2017). *Towards Quantifying Dynamic Human-Human Physical Interactions for Robot Assisted Stroke Therapy*. Presented at the 2017 IEEE 15th International Conference on Rehabilitation Robotics, 913-918.
14. Burns, S. P., Smith, R. O., Mendonca, R., & Pickens, N. D. (2017). *Integrating a participatory design approach: Developing HESTIA with multidisciplinary perspectives*. Presented at the RESNA 2017 International Conference on Technology and Disability: Research, Design, Practice and Policy.
15. Johnson, M. J., Mohan, M., & Mendonca, R. (2017). *A Stimulus-Response Model of Therapist-Patient Interactions: Implications for Robot-Patient Interactions in Task-*

- Oriented Stroke Therapy*. Presented at the RESNA 2017 International Conference on Technology and Disability: Research, Design, Practice and Policy.
16. Sullivan, A. & Mendonca, R. (2017). *The impact of a fieldwork experience on attitudes toward people with intellectual disabilities*. Presented at the British College of Occupational Therapists, Birmingham, UK.
 17. Mendonca, R. Yhost, S., Santalucia, S. & Ideishi, S. (2017). *Evaluation of the impact of animal assistive intervention on attention, social initiation, and regulation skills of children with disabilities*. Presented at the American Occupational Therapy Association Conference, Philadelphia, PA
 18. Cook, T. & Mendonca, R. (2017). *The effectiveness of a comprehensive home health program for functional independence of older adult sin the home*. Presented at the American Occupational Therapy Association Conference, Philadelphia, PA
 19. Mendonca, R. & Maher, C. (2017). *Evaluation of a one-week occupation-based program on the health and participation of women with cancer living in the community*. Presented at the American Occupational Therapy Association Conference, Philadelphia, PA
 20. Sullivan, A. & Mendonca, R. (2017). *The impact of a fieldwork experience on attitudes toward people with intellectual disabilities*. Presented at the American Occupational Therapy Association Conference, Philadelphia, PA
 21. Grampurohit, N. & Mendonca, R. (2017). *A Systematic Review of Robotic and Virtual Reality Interventions for Upper Extremity Pain in Chronic Stroke*. Presented at the AOTA Specialty Conference: Occupational Therapy for Chronic Conditions: Optimizing Participation and Minimizing Disability, Orlando, FL.
 22. Maher, C. & Mendonca, R. (2016). *Update on Breast Cancer Management: The role of occupational therapy*. Presented at the American Occupational Therapy Association Conference, Chicago, IL.
 23. Johnson, M. J., Mendonca, R., Venditti, N., Jordan, A., & Barathi, S. (2016). *Do therapists use object affordances to develop functional activities for task-oriented therapy: Implications for robot-assisted task-oriented therapy*. Presented at the American Congress of Rehabilitation Medicine, Chicago, IL
 24. Mendonca, R., Johnson, M. J., Laskin, S., Adair, L., & Mohan, M. (2016). *Quantifying therapist practitioner roles using video-based analysis: Can we reliably model therapist-patient interactions during task oriented therapy?* Presented at the American Congress of Rehabilitation Medicine, Chicago, IL
 25. Fuji, C., Bettlach, A., Parks, J., & Mendonca, R. (2016). *Exploring play in children with special needs: A photovoice study*. Presented at the American Occupational Therapy Association Conference, Chicago, IL.
 26. Doloff, A., Mendonca, R. & Santalucia, S. (2016). *Teaching AT in Higher Ed – Let’s get Creative!* Presented at the Assistive Technology Industry Association (ATIA) Conference, Orlando, FL.
 27. Fuji, C., Bettlach, A., Parks, J., & Mendonca, R. (2015). *Exploring play in children with special needs: A photovoice study*. Presented at the Pennsylvania Occupational Therapy Association Conference, Scranton, PA.
 28. Johnson, M. J., Christopher, S. M., Mohan, M., & Mendonca, R. (2015). *Assessing human-human therapy kinematics for retargeting to human-robot therapy*. Presented at the Rehabilitation Robotics (ICORR), 2015 IEEE International Conference, Singapore.

29. Ideishi, R. I., Mendonca, R., Reiter, A., & Jirikowic, T. (2015). *International Summit on Sensory-Friendly Performing Arts: Families, Arts Organizations, and Occupational Therapy*. Presented at the American Occupational Therapy Association Conference, Nashville, TN.
30. Sebastian, M. & Mendonca, R. (2015). *Impact of Demographic and Contextual Factors on a Computer Training Program for People with Physical Disabilities*. Presented at the American Occupational Therapy Association Conference, Nashville, TN.
31. Mendonca, R. & Maher, C. (2015). *Evaluation of a One-Week Occupation Based Program on the Health and Participation of Women with Cancer*. Presented at the American Occupational Therapy Association Conference, Baltimore, MD
32. Sebastian, M., Mendonca, R., Griffiths, K., Strawbridge, M., & Waller, D. (2014). *Impact of Demographic and Contextual Factors on a Computer Training Program for People with Physical Disabilities*. Presented at the Pennsylvania Occupational Therapy Association Conference, Philadelphia, PA.
33. Mendonca, R. & Maher, C. (2014). *Evaluation of the inter-rater and intra-rater Reliability of Bulb Dynamometer*. Presented at the OT Summit of Scholars, Philadelphia, PA
34. Mendonca, R. & Maher, C. (2014). *Evaluation of a one-week occupation based program on the health and participation of women with cancer*. Presented at the American Occupational Therapy Association Conference, Baltimore, MD
35. Brouse, B., Cooney, D. & Mendonca, R. (2014). *Prevention and Health Care Access: Relationship between Engaging in Healthy Behaviors and Health Insurance*. Presented at the American Occupational Therapy Association Conference, Baltimore, MD
36. Maher, C., Donovan, S., Yoon, S., & Mendonca, R. (2014). *Inter-rater and intra-rater reliability of the bulb dynamometer for assessing grip strength*. Presented at the American Occupational Therapy Association Conference, Baltimore, MD
37. Lazzarini, I, Mendonca, R., & Patro, J. (2014). *Exploring the development of a model for professional behaviors in occupational therapy students*. Presented at the American Occupational Therapy Association Conference, Baltimore, MD.
38. Livingston, E., Boris, A., Cohn, E., Mendonca, R. & Ideishi, R. (2014). *A systematic review of social storiesTM: Evidence and application in community settings*. Presented at the American Occupational Therapy Association Conference, Baltimore, MD
39. Maher, C. & Mendonca, R (2013). *Shoulder conditions: Biomechanical implications for engagement in occupation*. Presented at the Pennsylvania Occupational Therapy Association Annual Conference, Pittsburg, PA.
40. Mendonca, R. & Maher, C. (2013). *Evaluation of a one-week occupation based camp on the occupational performance for women with cancer*. Presented at the OT Summit of Scholars, Chicago, IL.
41. Maher, C., Lichtman, S., & Mendonca, R. (2013). *Reliability of two tape measures to assess distal forearm and hand circumference*. Presented at the OT Summit of Scholars, Chicago, IL.
42. Lemke, M. R. & Mendonca, R. (March, 2013). *HE75 Accessibility Considerations Gain Momentum: Guidelines for Medical Device Accessibility May Soon Be the Law*. Presented at the HFES 2013 International Symposium on Human Factors and Ergonomics in Health Care: Advancing the Cause, Baltimore, MD.

43. Maher, C., Mendonca, R., & Fox, W. (July, 2012). *10 Ways to Use BlackBoard Technology to Prepare Students for Passing Exams in Higher Education*. Presented at the Blackboard World Conference 2012, New Orleans, LA.
44. Mendonca, R. & Smith, R. O. (2012). *Effects of providing accessibility information to people with disabilities*. Presented at the RESNA 2012 Conference, Baltimore, MD.
45. Maher, C. & Mendonca, R. (2012). *20 ways to use technology to enhance learning in higher education*. Presented at Lilly Conference on College and University Teaching, Bethesda, Maryland
46. Mendonca, R. & Smith, R. O. (2012). *Do consumers with disabilities want accessibility labels on products?: A discrete choice modeling experiment*. Presented at the American Occupational Therapy Association (AOTA) Conference, Indianapolis, IN.
47. Mendonca, R. & Smith, R. O. (2012). *Effects of accessibility labeling on medical device purchase decisions of individuals with disabilities*. Presented at the 2012 Symposium on Human Factors and Ergonomics in Health Care: Bridging the Gap, Baltimore, Maryland.
48. Mendonca, R. & Smith, R. O. (2012). *Development of a methodology to measure the accessibility of medical devices: The MED-AUDIT (Medical Equipment Device Accessibility and Universal Design Information Tool)*. Presented at the 2012 Symposium on Human Factors and Ergonomics in Health Care: Bridging the Gap, Baltimore, Maryland.
49. Mendonca, R. & Smith R. O. (2011). *Effects of consumer demographics and impairment on medical device purchase preferences by individuals with disabilities*. Presented at the 2011 ACRM ASNR Joint Education Conference: Progress in Rehabilitation Research, Atlanta, Georgia.
50. Mendonca, R. & Smith, R. O. (2011). *Development of a methodology to measure accessibility*. Presented at the 2011 International Conference on Best Practices in Universal Design, Toronto, Canada.
51. Mendonca, R. & Smith, R. O. (2011). *Effects of providing accessibility information to people with disabilities*. Presented at the 2011 Quality of Life Technology Symposium Conference, Toronto, Canada.
52. Mendonca, R. & Smith, R. O. (2011). *TUSK: Trace Usability Screening Kit for accessibility evaluation of products and environment*. Presented at the American Occupational Therapy Association (AOTA) Conference, Philadelphia, PA.
53. Mendonca R. & Smith, R. O. (2010). *Effects of providing medical device accessibility information to individuals with disabilities*. Presented at the 2010 ACRM ASNR Joint Education Conference: Progress in Rehabilitation Research, Ontario, Canada.
54. Mendonca, R. & Smith, R. O. (2010). *Development and evaluation of a methodology to assess the consequences of providing accessibility information to people with disabilities*. Presented at the RESNA 33rd International Conference on Making Assistive Technology and Rehabilitation Engineering a Sure Bet, Las Vegas, Nevada.
55. Mendonca, R. J., Smith, R. O., & Lemke, M. (2010). *Interdisciplinary courses to teach inclusive design for people with disabilities*. Presented at the UW System President's Summit on Excellence in Teaching and Learning, Madison, WI.
56. Mendonca, R. (2010). *Assessing the consequences of providing accessibility information to people with disabilities*. Presented at the 23rd Annual Midwest Deans' Occupational Therapy Research Conference, St. Louis, MO.

57. Mendonca, R. & Smith, R. O. (2009). *New methodology to evaluate the consequences and usefulness of providing accessibility information*. Presented at the RESNA 32nd International Conference on Technology and Disability: Research, Design, Practice and Policy, New Orleans, LA.
58. Mendonca, R. & Smith, R. O. (2009). *Quantifying the accessibility of medical devices: Development and use of the MED-AUDIT*. Presented at the American Occupational Therapy Association (AOTA) Conference, Houston, TX.
59. Mendonca, R., Smith, R. O., Lemke, M. & Winters, J. (2008). *Improving healthcare for elderly individuals through better technology accessibility*. Presented at the Fifth International Conference on Healthcare Systems, Milwaukee, WI.
60. Mendonca, R., Smith, R. O., Lemke, M. & Winters, J. (2008). *Expert validation of the MED-AUDIT (Medical Equipment Device-Accessibility & Universal Design Information Tool)*. Presented at the RESNA 31th International Conference on Campaigning for Assistive Technology, Designing Policy, Promoting Research and Strengthening Practice, Washington, D.C.
61. Mendonca, R. J. (2008). *Quantifying the accessibility of medical devices: Development and validation of the MED-AUDIT*. Presented at the International Conference on Aging, Disability and Independence, St. Petersburg, FL.
62. Mendonca, R. J., Jansen, C., Smith, R. O., John-Gomez, C., & Katz-Petted, L. (2008). *Inter-disciplinary based evaluation and intervention for a senior home repair project*. Presented at the International Conference on Aging, Disability and Independence, St. Petersburg, FL.
63. Mendonca, R. J., Patrick, T. B., & Smith, R. O. (2007). *The MED-AUDIT Ontology Version 1: ontology for auditing the accessibility of medical devices*. Presented at the Annual American Medical Informatics Association Symposium from Foundations to Applications to Policy, Chicago, IL.
64. Mendonca, R. & Smith, R. O. (June, 2007). *Validity analysis: MED-AUDIT (Medical Equipment Device-Accessibility and Universal Design Information Tool)*. Presented at the RESNA 30th International Conference on Technology and Disability: Research, Design, Practice and Policy, Phoenix, AZ.
65. Mendonca, R. & Smith, R. O. (2006). *MED-AUDIT (Medical Equipment Device-Accessibility and Universal Design Information Tool): Usability analysis*. Presented at the 29th International Conference on Thriving in Challenging Times: The Future of Rehabilitation Engineering and Assistive Technology, Atlanta, GA.
66. Smith, R. O., Schwanke, T. & Mendonca, R. (2005). *MED-AUDIT (Medical Equipment Device-Accessibility and Universal Design Information Tool)*. Product demonstration at the Workshop on Accessible Interfaces for Medical Instrumentation: Draft Guidelines and Future Directions: Organized by the Rehabilitation Engineering Research Center on Accessible Medical Instrumentation (RERC-AMI) and the Center for Devices and Radiological Health of the Food and Drug Administration (CDRH-FDA), Washington D. C.
67. Mendonca, R. & Smith, R. O. (2005). *Assessing the usability and reliability of MED-AUDIT*. Presented at the 29th Annual Great Lakes Biomedical Conference, Biomedical Informatics: Applications, Achievements, and Frontiers: The Milwaukee Chapter of IEEE EMBS, Racine, WI.

68. Pizur-Barnekow, K., Lemke, M. R., Smith, R. O., Winter, M., & Mendonca, R. (2005). *Measuring accessibility and universal design of medical devices: The medical equipment device—accessibility and universal design information tool (MED-AUDIT)*. Presented at the RESNA 28th International Conference on Technology and Disability: Research, Design, Practice and Policy, Atlanta, GA.
69. Mendonca, R., Brochtrup, B., Lauer, A., Lukic, A. (2005). *Universally Accessible Weight Scale*. Presented at the RESNA 28th International Conference on Technology and Disability: Research, Design, Practice and Policy, Atlanta, GA.

Workshops

1. Pickens, N.D., Nava, V., Opara, L., Smith, R. O., Mendonca, R., & Burns, S.P. (2017). *HESTIA: Home environment safety assessment app*. Presented at the Texas Occupational Therapy Association Conference - Mountain Central Conference, Austin, Texas.
2. Mendonca, R., Burns, S., Tomashek, D., & Schuh, C. (2017). *Measurement approaches and tools for accessibility of the built environment*. Presented at the RESNA 2017 International Conference on Technology and Disability: Research, Design, Practice and Policy.
3. Doloff, A., Mendonca, R. & Santalucia, S. (2016). *Teaching AT in Higher Ed – Let’s get Creative!* Presented at the Assistive Technology Industry Association (ATIA) Webinar.
4. Mendonca, R., Smith, R. O., Pickens, N. & Anson, D. (2013). *Evaluating accessibility in the world around you: Assessment tools and approaches for public spaces, home residences, products, information, and educational materials*. Presented at the 2013 AOTA Annual Conference and Expo, San Diego, CA.
5. Kearney, P., Mendonca, R., & Pitonyak, J. (2013). *Infusing cultural competence into the occupational therapy curriculum*. Presented at the 2013 AOTA Annual Conference and Expo, San Diego, CA.
6. Mendonca, R., Smith, R. O., Lemke, M., Anson, D., & Hirshman, A. (2009). *Measurement Approaches and Tools for Accessibility and Universal Design: Environments, Products, Educational Methods and Informational Sources*. Presented at the RESNA 32nd International Conference on Technology and Disability: Research, Design, Practice and Policy.
7. Smith, R. O., Pickens, N. D., Rust, K. L., Siegler, S., & Mendonca, R. (2008). *Evidence based measurement of accessibility for occupational therapy practice: Tools and techniques*. Presented at the American Occupational Therapy Association, Long Beach, California.
8. Mendonca, R., Siegler, S., Kastner, M., Hirschman, A., Maggard, K. R., Kim, J., & Smith, R. O. (2007). *Evidence based measurement of accessibility for occupational therapy practice: Tools and techniques*. Presented at the Annual Wisconsin Occupational Therapy Association Conference, Waukesha, WI.

Minor Presentations

1. Mendonca, R. J. (2010). *Accessibility Labeling and its Effect on Medical Device Purchase Decisions by Individuals with Disabilities*. Presentation at the annual College of Health Sciences Research Symposium, Milwaukee, WI.

2. Mendonca, R. J. (2009). *Assessing the consequences of providing accessibility information to people with disabilities*. Presentation at the annual College of Health Sciences Research Symposium, Milwaukee, WI.
3. Mendonca, R. J., Boda, S., & Amman, C. (2009). *Accessibility evaluation and recommendations for the University of Wisconsin-Waukesha Campus*. Presentation at the Annual Faculty and Staff Meeting, Waukesha, WI.
4. Mendonca, R. J. (2007). *Assessing the usability and reliability of the MED-AUDIT (Medical Equipment Device-Accessibility and Universal Design Information Tool)*. Presentation at the annual College of Health Sciences Research Symposium, Milwaukee WI.
5. Mendonca, R. J. (2005). *Assessing the usability of the MED-AUDIT (Medical Equipment Device-Accessibility and Universal Design Information Tool)*. Presentation at Evening with a Scholar, Milwaukee, WI.

Certifications

1. 2017 Adaptive Design Association Training – ADA, New York
2. 2017 Interprofessional Education Certificate – Temple University
3. 2016 Flipping the Classroom – Temple University
4. 2016 Certificate in Online Education – Temple University
5. 2015 International Educator’s Academy Certificate – Temple University
6. 2014 Workshop on Planning for Qualitative Research: Design, Analysis and Software Integration
7. 2010 Workshop on Professional Grant Development: Mastering the techniques of writing superior and winning proposals
8. 2010 Workshop on Grant Budgets: Planning and Preparation
9. 2009 Workshop on Creating Assistive Technology Solutions in Minutes
10. 2008 Workshop on Human Factors Engineering Innovation and Managing Risk with Medical Devices
11. 2005 Accessible Interfaces for Medical Instrumentation: Draft Guidelines and Future Directions

Occupational Therapy Fieldwork and Internships

1. Six-month internship at King Edward – VII Memorial Hospital, Mumbai. Internship in Neurology, Psychiatry, Paediatrics, Orthopaedics, Geriatrics, Cardio-Vascular and Thoracic Centre, Alcohol and Drug De-addiction, Plastic Surgery, General Surgery and Sensory Integrative Therapy (January 2003-June 2003).
2. Physical Medicine and Rehabilitation Centre, Haji Ali, Mumbai, India.
3. Jai Vakil School for Mentally Challenged, Sewri, Mumbai, India
4. National Association for the Blind, Worli, Mumbai, India.
5. Spastics Society, Bandra, Mumbai, India.
6. Leprosy Centre, Sewri, Mumbai, India.