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 Department of Kinesiology and Community Health
 University of Illinois at Urbana-Champaign
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Education

PhD Rehabilitation Science and Technology University of Pittsburgh, Rehabilitation Science and Technology Human Engineering Research Laboratories	2010
M.S. Physical Therapy Duquesne University, Department of Physical Therapy	2004
B.S. Health Sciences Duquesne University, Department of Physical Therapy	2003

Professional Experience

Work

Co-Director, Collaborations in Advancement of Research in Disability: Research Theme, Center on Health, Aging, and Disability

Associate Director, Center on Health, Aging, and Disability: College of Applied Health Sciences, University of Illinois, Urbana-Champaign, IL
2021 - Present

Interim Director, Master of Health Administration Program: Department of Kinesiology and Community Health, University of Illinois, Urbana-Champaign, IL
2021 – Present

Associate Professor: Department of Kinesiology and Community Health, University of Illinois, Urbana-Champaign, IL
2020 – Present

Interim Director, Master of Public Health Program: Department of Kinesiology and Community Health, University of Illinois, Urbana-Champaign, IL
2021 – 2022

Assistant Professor: Department of Kinesiology and Community Health, University of Illinois, Urbana-Champaign, IL
2013- 2020

Visiting Assistant Professor: Department of Kinesiology and Community Health & Disability Resources and Educational Services, University of Illinois, Urbana-Champaign, IL.
2011- 2013

Staff Physical Therapist: Carle Foundation Hospital, Urbana, IL

2011 – 2014

Assistant Professor: Department of Rehabilitation Science and Technology
University of Pittsburgh, Pittsburgh PA.
2010- 2011.

Physical Therapist, Seating and Mobility Specialist: The Center for Assistive Technology
University of Pittsburgh Medical Center, Pittsburgh, PA.
2008 – 2011.

Staff Physical Therapist: University of Pittsburgh Medical Center: Shadyside Hospital, Pittsburgh, PA.
2004-2011

Graduate

Research Associate/Doctoral Candidate
University of Pittsburgh (Human Engineering Research Laboratories), Pittsburgh, PA.
2009- 2010
(Research mentor: Dr. Michael Boninger)

NSF Integrative Graduate Education and Research Training (IGERT) Fellow
Human Engineering Research Laboratories, Pittsburgh, PA
Clinical research on preservation of upper limb function in acute spinal cord injury
2006- 2009
(Research mentor: Dr. Michael Boninger)

Academic Honors

Academy of Spinal Cord Injury Professionals, Therapy Leadership Council, Distinguished Lecture Award, 2019

Grants

Current External Grants

862958 (Rice, L.A.) 4/30/22 – 4/29/25
Craig H. Neilsen Foundation
Development and Validation of a mHealth Fall Management Program
Role: Principal Investigator
Total Costs: \$399,068
Effort 1.0 AY

NA (Rice, L.A.) 10/31/2021 – 10/30/2023
Craig H. Neilsen Foundation
Fire Safety Preparedness for Wheelchair users Living with Spinal Cord Injury
Role: Principal Investigator
Total Costs: \$199,614
Effort 1.36 AY

NA (Mahajan, H.P.) 9/1/2020 – 8/31/2025
 National Institute on Disability, Independent Living, and Rehabilitation Research (NIDILRR) – Disability and Rehabilitation Research Projects (DRRP) Program: Community Living and Participation (Development)
Fear of Falling Interventions for Older Wheelchair Users with Multiple Sclerosis
 Role: Co-Investigator
 Total Costs: \$ 2,499,995
 Effort: 2.25 AY/0.75 SM

90 REGE006-01-00 (Sanford, Rogers, Mitzner) 10/01/18-9/30/2023
 National Institute on Disability, Independent Living, and Rehabilitation Research (NIDILRR)
 Rehabilitation Engineering Research Center (RERC).
Technologies to Support Aging-in-Place for People with Long-Term Disabilities
 Role: PI on D2 project; Co-I on R3 and D1 project
 Current Year: \$57,862
 Total for all years (individual): \$272,661
 Overall total costs: \$4,625,000
 Effort 1.2 AY

Current/Pending Internal Grants

NA (Rice, L.A.) 8/16/22 – 2/15/24
 Campus Research Board
Development and Implementation of a Campus Recreation Disability Inclusion Training (CREDIT) program
 Role: Principal Investigator
 Total Costs: \$29,854
 Percent Effort: No salary support

NA (Rice, L.A.) 6/15/22 – 6/14/2023
 CO+RE: The Community + Research Partnership Program Grant
Disability Awareness Training and Education Program Expansion
 Role: Principal Investigator
 Total Costs: \$50,000
 Percent Effort: No salary support

NA (Mullen, S) 8/16/22 – 2/15/24
 Campus Research Board
Feasibility and Preliminary Efficacy of the Home Ecological Application of Thermotherapy, Walking, and Vascular Effects (HEAT WAVE)
 Role: Co-Investigator
 Total Cost: \$29,995
 Percent Effort: No salary support

Completed External Grants

RG-1701-26862 (Rice, L.A.) 10/1/2017 – 9/30/2020 (NCE – 3/30/22)
 National Multiple Sclerosis Society
Validation of a Fall Prevention Program Among Non-Ambulatory Wheeled Mobility Device Users with Multiple Sclerosis
 Role: Principal Investigator
 Current Year: \$193,419
 Total Costs: \$570,217
 Effort: 2 SM

855 (Rice, L.A.) 6/1/2020 – 5/31/2021 (NCE - 2/28/22)
 Paralyzed Veterans of America Research Foundation
Development and Validation of an Online Fall Management Program Wheelchair and Scooter Users Living with Spinal Cord Injury and Multiple Sclerosis
 Role: Principal Investigator
 Total Cost: \$49,952
 Effort: .6 SM

N/A (Rice, L.A.) 2/1/2020–1/31/2021
 Illinois Physical Therapy Foundation
Prediction of falls using clinical balance measures among non-ambulatory individuals with spinal cord injury: A prospective cohort study
 Role: PI
 Total costs: \$1,000
 No salary support

NA (Rice, L.A.) 12/1/2017 – 12/1/2018
 Permobil, AB
Examination of the Influence of Active Reach on Functional Mobility, Physical Well-being and User Satisfaction Among Power Wheelchair Users
 Role: Principal Investigator
 Total Costs: \$58,994
 Percent Effort: 1.5 SM

NA (Rice, L.A.) 12/1/2016 – 8/31/2017
 Permobil, AB
Assessment of Fall Characteristics Among Manual Wheelchair Users
 Role: Principal Investigator
 Total Costs: \$38,484.00
 Percent Effort: 1.2 SM

NA (Rice, L.A.) 9/1/2016 – 8/31/2017
 Permobil, AB
Assessment of Fall Characteristics Among Power Wheelchair Users
 Role: Principal Investigator
 Total Costs: \$38,168.00.
 Percent Effort: 1.2 SM

PRG 323277 (Rice, L.A.) 4/1/2015 – 3/31/2017
 Craig H. Neilsen Foundation
Management of Fall Risk in Full Time Wheelchair Users Living with Spinal Cord Injury.
 Role: Principal Investigator
 Total Costs: \$99,840.
 Percent Effort: 1.35 AY

PP2185 (Rice, L.A.) 4/1/2014 – 9/30/2015
 National Multiple Sclerosis Society
Management of Fall Risk in Non-Community Ambulators Affected by Multiple Sclerosis
 Role: Principal Investigator
 Total Costs: \$43, 986.80.
 Percent Effort: 1.35 AY

IL 0005 (Rice, I.M.) 10/1/2012 – 9/30/2013
 National Multiple Sclerosis Society
Promoting Physical Activity Through a Manual Wheelchair Propulsion Activity Intervention in Persons with Multiple Sclerosis.
 Role: Co-Investigator
 Total Costs: \$109, 680
 Percent Effort: 1.35 AY

Completed Internal Grants

NA (Rice, L.A.) 6/15/21 – 6/14/2022
 CO+RE: The Community + Research Partnership Program Grant
Disability Awareness Training and Education Program Expansion
 Role: Principal Investigator
 Total Costs: \$30,000
 Percent Effort: No salary support

NA (Adamson, B) 6/15/20 – 6/14/2021
 CO+RE: The Community + Research Partnership Program Grant
MOVE MS and Beyond: Fostering group exercise for individuals with MS and other disabilities through research-supported community programs
 Role: Co-Investigator
 Total Costs: \$17,013.00
 Percent Effort: No salary support

NA (Rice, IM) 1/19/2016 – 12/31/2017
 Chez Family Foundation Center for Wounded Veterans
Home Based Telerehabilitation Training System for Veterans with Spinal Cord Injury.
 Role: Co-Investigator
 Total Costs: \$30,000
 Percent Effort: No support

NA (Rice, L.A.) 5/1/2015 – 11/30/2017
 University of Illinois Campus Research Board
Enhancement of Community Participation Among Full Time Wheeled Mobility Device Users

Role: Principal Investigator
 Total Costs: \$29,025
 Percent Effort: No support

NA (Rice, L.A.) 10/30/2014 – 5/1/2015
 Center for Health, Aging and Disability at University of Illinois
Disability Resources and Education Services Research Registry
 Role: Principal Investigator
 Total Costs: \$1,287.50
 Percent Effort: No support

NA (Rice, I.M.) 9/1/2013-2/28/2015
 University of Illinois, Center for Health, Aging and Disability
Impact of wheelchair propulsion and transfer training on reducing shoulder pain and increasing community participation in pediatric manual wheelchair users with physical disabilities
 Role: Co-Investigator
 Total Costs: \$19,730
 Percent Effort: No support

NA (Sosnoff, J.J.) 12/9/2013 – 3/31/2014
 Inspire: Illinois-Sweden Program For Educational and Research Exchange
A Trans-Atlantic Examination of Falls in Non-ambulatory Individuals with Multiple Sclerosis.
 Role: Co-Investigator
 Total Costs: \$7,500
 Percent Effort: No Support

External Grants (Consultant Role)

A2794-R (Koontz, A.M.) 5/1/2019–4/30/2023
 VA Merit Review Program
 Development of TransKinect: A Clinically Robust System for Transfer Assessment and Training
 Role: Consultant
 Total Costs: \$1,098,718
 Percent Effort: No salary support

MB-1807-31633 (Sosnoff, J.J.) 4/1/2019 – 3/31/2020
 National Multiple Sclerosis Society
Mentor-based Rehabilitation Research Post-doctoral fellow: Cognitive-Motor Interference Rehabilitation in Multiple Sclerosis
 Role: Co-Investigator
 Percent effort: No salary support

(Boninger, M.L.) 10/1/2011 – 9/30/2014
 National Institute on Disability and Rehabilitation Research
University of Pittsburgh Model Center on Spinal Cord Injury
 Role: Consultant
 Total Costs: \$2,285,000
 Percent Effort: N/A

Publications

In Review:

1. Rice, L.A., Li, Ziwei, Kalonji, K., Abou, L., Haridas, N., Horn, G. Best Practices Associated with Residential Fire Preparedness Among Individuals who use a Wheelchair or Scooter Full Time: A Scoping Review. *JSCM*
2. Park, G., Sanders, W., Martenies, S., Rosencranz, H., Rice, L.A., Jayasingh-Ramkumar, J., Michaels, S., Aldridge, B. Beyond the Imodium, A One Health Discussion on Diarrhea and the Impact of Climate Change. *Medical Science Educator*

Publications In Press:

1. Peters, J., Teague, A., **Rice, L.A.** Rice, I. (In Press) The influence of gender on shoulder kinematics and head-hip technique during non-level transfers in full-time wheelchair users. *Clinical Biomechanics*.
2. Zanutto T, Sosnoff JJ, Backus D, Yarnot R, Worikat NA, Abou L, Peterson EW, **Rice LA.** (In Press) Characteristics and consequences of falls among people with multiple sclerosis who use wheelchairs or scooters: Differences between injurious and non-injurious falls. *Mult Scler Relat Disord.* 2023 Mar 21;73:104631. doi: 10.1016/j.msard.2023.104631. [Epub ahead of print] PubMed PMID: 36963170.
3. Abou L, Worobey LA, Rigot SK, Stanley E, **Rice LA.** (In Press) Reliability of home-based remote and self-assessment of transfers using the Transfer Assessment Instrument among wheelchair users with spinal cord injury. *Spinal Cord Ser Cases.* 2023 Mar 30;9(1):10. doi: 10.1038/s41394-023-00567-5. PubMed PMID: 36990980; PubMed Central PMCID: PMC10060131.
4. Abou, L., Fliflet, A., Presti, P., Sosnoff, J.J., Mahajan, H., Frechette, M., **Rice, L.A.** (In Press) Fall detection from a manual wheelchair: preliminary findings based on accelerometers using machine learning techniques. *Assistive Technology* 2023 Feb 28;;1-9. doi: 10.1080/10400435.2023.2177775. [Epub ahead of print] PubMed PMID: 36749900.
5. Van Denend T, Peterson EW, McArthur AR, Yarnot R, Kish J, Steinkellner S, Sandhu A, **Rice LA.** (In Press) A process evaluation of an on-line fall prevention and management program for individuals who use wheelchairs or scooters living with multiple sclerosis. *Front Public Health.* 2022;10:1042668. doi: 10.3389/fpubh.2022.1042668. eCollection 2022. PubMed PMID: 36579061; PubMed Central PMCID: PMC9791181.
6. Abou L, **Rice LA.** Frequency and characteristics of falls, fall-related injuries, and fear of falling among wheelchair users with spinal cord injury. (In Press) *J Spinal Cord Med.* 2022 Aug 9:1-9. doi: 10.1080/10790268.2022.2097995.
7. Abou, L., **Rice, L.A.** (In Press) The differences in demographics, fear of falling, transfer quality, and participation enfranchisement between manual and power wheelchair users with multiple sclerosis and spinal cord injury. *Disability and Rehabilitation: Assistive Technology.* 2022 Oct 27;1-6. doi: 10.1080/17483107.2022.2138998.

8. Zanutto T, **Rice LA**, Sosnoff JJ. (In Press) Frailty among people with multiple sclerosis who are wheelchair users. *PLoS One*. 2022 Jul 15;17(7):e0271688. doi: 10.1371/journal.pone.0271688.
9. Van Denend, T., Peterson, E.W., Sung, J.H., Rice, L.A. (In Press) Process evaluation findings of a fall prevention and management program for wheelchair and scooter users with multiple sclerosis. 2022 Dec; 100081. <https://doi.org/10.1016/j.pecinn.2022.100081>
10. **Rice, L.A.**, Yarnot, R., Sung, J., Sosnoff, J., Backus, D., About, L., Shen, A. Peterson, E. (In Press) Pilot Study of a fall prevention and management intervention program for people with multiple sclerosis who use a wheelchair or scooter full-time. *Archives of Rehabilitation Research and Clinical Translation*. 2022 Dec;4(4):100225. doi: 10.1016/j.arret.2022.100225
11. Liechty, T., Woo, M., **Rice, L.A.**, Chiu, C.Y., Kirkpatrick, S., Hankins, K., Hedgspeth, E., Nichols, A., Porter, C., Smeltzer, M., & Adamson, B. (In Press) Community Partners' Perspectives on Partnering with an Academic Research Team to Promote Disability-Inclusive Fitness Programming. *Progress in Community Health Partnerships: Research Education and Action*
12. Abou L, **Rice LA**. (In Press) Risk Factors Associated With Falls and Fall-Related Injuries Among Wheelchair Users With Spinal Cord Injury. *Arch Rehabil Res Clin Transl*. 2022 Jun;4(2):100195. doi: 10.1016/j.arret.2022.100195.
13. Abou L, **Rice LA**. (In Press) Predictors of participation enfranchisement of wheelchair users with spinal cord injury in the United States. *J Spinal Cord Med*. 2022 Jun 24;:1-9. doi: 10.1080/10790268.2022.2087336.
14. Abou L, Sosnoff JJ, Peterson EW, Backus D, Willingham TB, **Rice LA**. (In Press) Prediction of future falls among full-time wheelchair and scooter users with multiple sclerosis: A prospective study. *Mult Scler Relat Disord*. 2022 Jun 11;64:103962. doi: 10.1016/j.msard.2022.103962.
15. Peters J, Abou L, Wong E, Dossou MS, Sosnoff JJ, **Rice LA**. (In Press) Smartphone-based gait and balance assessment in survivors of stroke: a systematic review. *Disabil Rehabil Assist Technol*. 2022 May 18;:1-11. doi: 10.1080/17483107.2022.2072527.
16. Frechette M, Fanning J, Hsieh K, Rice L, Sosnoff J. The Usability of a Smartphone-Based Fall Risk Assessment App for Adult Wheelchair Users: Observational Study. (In Press) *JMIR Form Res*. 2022 Sep 16;6(9):e32453. doi: 10.2196/32453. PMID: 36112405; PMCID: PMC9526126.
17. Abou, L., **Rice, L.A.** (In Press) The associations between functional independence, quality of life, sitting balance, and wheelchair skills among wheelchair users with spinal cord injury. *Journal of Spinal Cord Injury Medicine*. 2022. Apr 7;:1-8. doi: 10.1080/10790268.2022.2057721.

Publications:

1. Abou L, **Rice LA**. (2023) Influence of Transfer Quality and Wheelchair Type on Fear of Falling Among Full-Time Wheelchair Users. *Arch Phys Med Rehabil*. 2023 Apr;104(4):690-693. doi: 10.1016/j.apmr.2022.09.002. Epub 2022 Sep 23. PubMed PMID: 36154833.
2. Ribeiro de Freitas, G., Abou, L., **Rice, L.A.** Ilha, J. Measurement Properties of Clinical Instruments for Assessing Manual Wheelchair Mobility in Individuals with Spinal Cord Injury: Systematic

- Review. (2023) *Archives of Physical Medicine and Rehabilitation*. 2023 Apr; 104(4): 656-672 doi: 10.1016/j.apmr.2022.10.002
3. McArthur AR, Peterson EW, Sosnoff J, Backus D, Yarnot R, Abou L, Kish J, Steinkellner S, Sandhu A, Rice L. (2023) Online Delivery of the Individualized Reduction of Falls Intervention for Persons With Multiple Sclerosis Who Use a Wheelchair or Scooter Full-time: A Pilot Study. *Int J MS Care*. 2023 Mar-Apr;25(2):82-90. doi: 10.7224/1537-2073.2022-044. Epub 2023 Mar 9. PubMed PMID: 36923574; PubMed Central PMCID: PMC10010107.
 4. Adamson, B., Woo, M., Liechty, T., Chiu, C.Y., Wyatt, N., Cranny, C., & **Rice, L.A.** (2023) Development and pilot testing of the Disability Awareness Training and Education program among community-based group fitness instructors. *Adapted Physical Activity Quarterly*. 2023 Jan. 40(2) 323-346. <https://doi.org/10.1123/apaq.2022-0012>
 5. Abou L, Fliflet A, Hawari L, Presti P, Sosnoff JJ, Mahajan HP, Frechette ML, Rice LA. (2023) Sensitivity of Apple Watch fall detection feature among wheelchair users. *Assist Technol*. 2022 Sep 3;34(5):619-625. doi: 10.1080/10400435.2021.1923087. Epub 2021 May 25. PubMed PMID: 33900885.
 6. Abou L, Fliflet A, Zhao L, Du Y, Rice L. (2022) The Effectiveness of Exercise Interventions to Improve Gait and Balance in Individuals with Lower Limb Amputations: A Systematic Review and Meta-analysis. *Clin Rehabil*. 2022 Jul;36(7):857-872. doi: 10.1177/02692155221086204.
 7. Frechette ML, Abou L, Rice LA, Sosnoff JJ. (2022) Relationship Between Lower Limb Function and Fall Prevalence in Ambulatory Adults With Spinal Cord Injury: A Systematic Review. *Top Spinal Cord Inj Rehabil*. 2022 Spring;28(2):153-175. doi: 10.46292/sci21-00026.
 8. **Rice LA**, Peters J, Fliflet A, Sung J, Rice IM. (2022) The influence of shoulder pain and fear of falling on level and non-level transfer technique. *J Spinal Cord Med*. 2022 May;45(3):364-372. doi: 10.1080/10790268.2021.1971922.
 9. **Rice LA**, Fliflet A, Frechette M, Brokenshire, R., Abou, L., Presti, P., Mahajan, H., Sosnoff, J. Rogers, W. (2022) Insights on an automated fall detection device designed for older adult wheelchair and scooter users: A qualitative study. *Disabil Health J*. 2022;15(1S):101207. doi:10.1016/j.dhjo.2021.101207.
 10. Worobey, L. A., Hibbs, R., Rigot, S. K., Boninger, M. L., Huzinec, R., Sung, J. H., & Rice, L. A. (2022). Intra- and Interrater Reliability of Remote Assessment of Transfers by Wheelchair Users Using the Transfer Assessment Instrument (Version 4.0). *Archives of physical medicine and rehabilitation*, 103(4), 816–821. doi.org/10.1016/j.apmr.2020.12.032.
 11. Abou L, Qin K, Alluri A, Du Y, **Rice LA**. (2022) The effectiveness of physical therapy interventions in reducing falls among people with multiple sclerosis: A systematic review and meta-analysis. *J Bodyw Mov Ther*. 2022 Jan;29:74-85. doi: 10.1016/j.jbmt.2021.09.015. Epub 2021 Oct 8. PMID: 35248292.
 12. Abou, L., Wong, E., Peters, J., Dossou, Mauricette, Sosnoff, J., **Rice, L.A.** (2021) Smartphone applications to assess gait and postural control in people with multiple sclerosis: A systematic review. *Multiple Sclerosis and Related Disorders*. 2021 Jun;15:102943. doi: 10.1016/j.msard.2021.102943.

13. Hou X, Liu J, Weng K, Griffin L, **Rice LA**, Jan YK. (2021) Effects of Various Physical Interventions on Reducing Neuromuscular Fatigue Assessed by Electromyography: A Systematic Review and Meta-Analysis. *Front Bioeng Biotechnol.* 2021;9:659138. doi: 10.3389/fbioe.2021.659138.
14. Abou, L., Peters, J., Wong, E., Akers, R., Dossou, M. S., Sosnoff, J. J., & **Rice, L. A.** (2021). Gait and Balance Assessments using Smartphone Applications in Parkinson's Disease: A Systematic Review. *Journal of medical systems*, 2021 Aug 15;45(9):87. doi: 10.1007/s10916-021-01760-5.
15. Peters, J., Abou, L., **Rice, L. A.**, Dandeneau, K., Alluri, A., Salvador, A. F., & Rice, I. (2021). The effectiveness of vigorous training on cardiorespiratory fitness in persons with spinal cord injury: a systematic review and meta-analysis. *Spinal cord.* 2021 Oct;59(10), 1035–1044. doi: 10.1038/s41393-021-00669-7.
16. Abou, L., Alluri, A., Fliflet, A., Du, Y., & Rice, L. A. (2021). Effectiveness of Physical Therapy Interventions in Reducing Fear of Falling Among Individuals With Neurologic Diseases: A Systematic Review and Meta-analysis. *Archives of physical medicine and rehabilitation.* 2021 Jan;102(1), 132–154. doi: 10.1016/j.apmr.2020.06.025.
17. Abou, L., **Rice, L.A.**, Frechette, M.L., Sosnoff, J.J. (2021) Feasibility and preliminary reliability and validity of remote sitting balance assessments among wheelchair users. *Int J Rehabil Res.* 2021 Jun 1;44(2):177-180. doi: 10.1097/MRR.0000000000000458.
18. **Rice, L.A.**, Yarnot, R., Peterson, E.W., Backus, D., Sosnoff, J.M. (2021) Fall Prevention for People with Multiple Sclerosis Who Use Wheelchairs. *Arch Phys Med Rehabil.* 2021 April; 102 (4): 801-804. doi: 10.1016/j.apmr.2020.10.107.
19. Sung J, Shen S, Peterson EW, Sosnoff JJ, Backus D, **Rice LA.** (2021) Fear of Falling, Community Participation, and Quality of Life Among Community-Dwelling People Who Use Wheelchairs Full Time. *Arch Phys Med Rehabil.* 2021 Jun;102(6):1140-1146. doi:10.1016/j.apmr.2020.11.013.
20. **Rice, LA.**, Yarnot, R., Mills, S., Sosnoff, JJ. (2021) A Pilot Investigation of Anterior Tilt Use Among Power Wheelchair Users. *Disability and Rehabilitation: Assistive Technology.* 2021 Feb; 16(2): 152-159. doi: 10.1080/17483107.2019.1644676.
21. Abou, L., **Rice, L.A.** (2021) A systematic review of adults' sitting balance assessments in neurological and neuromuscular conditions. *Neurosciences (Riyadh).* 2021 Jan; 26 (1): 107-108. doi: 10.17712/nsj.2021.1.20200131
22. Frechette, M.L., Abou, L., **Rice, L.A.**, Sosnoff, J.J. (2020) The Validity, Reliability and Sensitivity of a Smartphone-based Seated Postural Control Assessment in Wheelchair Users. *Front Sports Act Living.* 2020 Dec 17; 2:540930. doi: 10.3389/fspor.2020.540930.
23. Abou L, Malala VD, Yarnot R, Alluri A, **Rice LA.** (2020) Effects of Virtual Reality Therapy on Gait and Balance Among Individuals With Spinal Cord Injury: A Systematic Review and Meta-analysis. *Neurorehabil Neural Repair.* 2020 May;34(5):375-388. doi:10.1177/1545968320913515.
24. **Rice, LA.**, Sung, JH., Keane, K., Peterson, EW, Sosnoff, JJ. (2020) A Brief Fall Prevention Intervention for Manual Wheelchair Users with Spinal Cord Injury: A Pilot Study. *J Spinal Cord Med.* 2020, Sept; 43 (5): 607-615. doi: 10.1080/10790268.2019.1643070.

25. Abou, L., Sung, JH., Sosnoff, JJ., **Rice, LA.** (2020) Reliability and validity of the Function in Sitting Test (FIST) Among Non-Ambulatory Individuals with Spinal Cord Injury. *J Spinal Cord Med.* 2020 Nov; 43(6): 846-853. doi: 10.1080/10790268.2019.1605749.
26. Worobey, L. A., Rigot, S. K., Boninger, M. L., Huzinec, R., Sung, J. H., DiGiovine, K., & **Rice, L. A.** (2020). Concurrent Validity and Reliability of the Transfer Assessment Instrument Questionnaire as a Self-Assessment Measure. *Archives of rehabilitation research and clinical translation*, 2020 Dec;2(4), 100088. <https://doi.org/10.1016/j.arrct.2020.100088>.
27. Abou, L., Ilha, J., Romanini, F., **Rice, L.A.** (2019) Do Clinical Balance Measures Have the Ability to Predict Falls Among Individuals with Spinal Cord Injury? A Systematic Review and Meta-analysis. *Spinal Cord.* 2019 Dec 57(12): 1001-1013 doi: 10.1038/s41393-019-0346-5.
28. **Rice, LA.,** Peters, J., Sung, JH., Bartlo, W., Sosnoff, J. (2019) Perceptions of Fall Circumstances, Recovery Methods and Community Participation In Manual Wheelchair Users. *American Journal of Physical Medicine and Rehabilitation.* 2019 Aug; 98 (8), 649-656 doi: 10.1097/PHM.0000000000001161.
29. **Rice, L.A.,** Peterson, E.W., Backus, D., Sung, J.H., Yarnot, R., Abou, L., VanDenend, T., Shen, S., Sosnoff, J.J. (2019) Validation of an Individualized Reduction of Falls (iROLL) Intervention Program Among Wheelchair and Scooter Users with Multiple Sclerosis. *Medicine (Baltimore).* 2019 May; 98(19): e15418 doi: 10.1097/MD.00000000000015418.
30. Sung, J., Trace, Y., Peterson, E., Sosnoff, J., **Rice, LA.** (2019) Falls among full-time wheelchair users with spinal cord injury and multiple sclerosis: A comparison of characteristics of fallers and circumstances of falls. *DisabilRehab* 2019 Feb; 41(4): 389-395 doi: 10.1080/09638288.2017.1393111.
31. Rice, IM., Peters, J., **Rice, LA.,** Jan, YK. (2019) Influence of wheelchair user interface and personal characteristics on static and dynamic pretibial skin pressures in elite wheelchair racers, a pilot study. *Journal of Spinal Cord Medicine.* 2019 Sep; 42 (5), 613-621 doi: 10.1080/10790268.2018.1508954.
32. Worobey, L.A., Zigler, C.K., Huzinec, R., Rigot, S.K., Sung, J.H., **Rice, L.A.** (2018) Reliability and Validity of the Revised Transfer Assessment Instrument (version 4.0). *Topics in Spinal Cord Injury Rehabilitation.* Summer 2018 24(3): 217-226: doi: 10.1310/sci2403-217.
33. **Rice, L.A.** Isaacs, Z., Ousley, C., Sosnoff, J.J. (2018) Investigation of the Feasibility of an Intervention to Manage Fall Risk Among Wheeled Mobility Device users with Multiple Sclerosis. *International Journal of Multiple Sclerosis Care.* 2018 May-June; 20(3):121-128 doi: 10.7224/1537-2073.2016-097.
34. **Rice LA,** Sung J, Peters J, Bartlo WD, Sosnoff JJ. (2018) Perceptions of fall circumstances, injuries and recovery techniques among power wheelchair users: a qualitative study. *Clin Rehabil.* 2018 Jul;32(7):985-993. doi: 10.1177/0269215518768385.
35. **Rice, LA.,** Abou, L., vanDenend, T., Peterson, E., Sosnoff, J.J. (2018) Falls Among Wheelchair and Scooter Users with Multiple Sclerosis. *US Neurology.* Fall 2018; 14(2): 82-7 doi.org/10.17925/USN.2018.14.2.82.

36. Dysterheft, J., Chaparro, G., **Rice, L.A.**, Rice, I.M. (2018) Investigating the Outcomes and Perceptions of an Inclusive Aquatic Exercise Class for University Students with Physical Disabilities. *Journal of Postsecondary Education and Disability*. 31(1) 41-56.
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Book Chapters

1. **Rice, L.A.** (In preparation) Transfer Skills. In: Sommers, M.F. *Spinal Cord Injury: Functional Rehabilitation, Fourth Edition*. Pearson Education Inc. Upper Saddle River, New Jersey.
2. **Rice, L.A.**; Abou, L; Yarnot, R., MS; Wong, E., Chhatwani, K., Hawari, L. (2022) Fall Circumstances, Consequences, Assessment and Interventions to Manage Fall Risk Among Individuals Living with Spinal Cord Injury Neuroscience of Spinal Cord Injury. In: Rajendram, R., Preedy, V, Martin, C. (Eds) *Diagnosis and Treatment of Spinal Cord Injury, 1st Edition*. (9780128224984). Elsevier-Academic Press.

3. Cooper, R.A., Cooper, R., Boninger, M.L., Bobish, T., **McClure, L.A.**, Kelleher, A., Pelleshi, T.L. (2014). Therapeutic Technology (Part II). In: M. Selzer, S. Clarke, L. Cohen, G. Kwakkel, R. Miller (Eds). *Textbook of Neural Repair and Rehabilitation, 2nd Edition*. New York: Cambridge University Press.
4. Cooper, R.A., McCue, M., Schein, R.M., Cooper, R. Sporer, M.L., Dodson, M.B., Reinsfelder, A.M., Yeager, A.F., Jinks, A., LoPresti, E., **McClure, L.A.**, Wang, H., Collinger, J.L., Hiremath, S., Ding, D., Lewis, A. (2012). Assistive Technology for People with Traumatic Brain Injuries (Chapter 71). In: N.D. Zasler, D.I. Katz, R. Z. Zafonte, (Eds). *Brain Injury Medicine, 2nd Edition* (1178-1201). New York: Demos Medical Publishing.
5. Boninger M, **McClure LA**, Cooper R, Schmeler M. (2010) Wheelchairs. In: Frontera W, Delisa J, Gans B, Walsh N, Robinson L, (Eds). *Physical Medicine and Rehabilitation Principles*. Vol 5. Philadelphia: Lippincott, Williams and Wilkins.

Invited Seminar Presentations

1. **Rice, L.A.** (2022, October 20) *Fall Prevention and Management Among Individuals who use Wheelchair*. Invited for presentation at Inha University, Republic of Korea (invitation)
2. **Rice, L.A.** (2022, October 6) *Disability Research at UIUC: A Storied Past and Promising Future*. Diverse Voices Speaker Series, Office of the Vice Chancellor for Research and Innovation.
3. **Rice, L.A.** (2022, October 1) *Fall Prevention and Management 7th Annual Current Concepts in Spinal Cord Injury Rehabilitation Conference*, University of Pittsburgh Medical Center.
4. Rice, L.A. (2022, Sept. 8) *Fall Prevention and Management Among Wheelchair Users: Current Research and Practice Strategies*. Invited for presentation at University of Kansas Medical Center, Department of Physical Therapy. (invitation)
5. **Rice, L.A.** (2022, May 5) *Technology to Support Fall Prevention and Management Among Individuals Who Use Wheelchairs or Scooters*. TechSage State of the Science Conference 2022.
6. **Rice, L.A.** (2021, Sept. 15) *Insights on an Automated Fall Detection Device Designed for Older adult Wheelchair and Scooter Users: A qualitative Study*. Invited for presentation at the State-of-the-Science Conference 2: Factors Influencing Community Participation, University of Kansas, (invitation)
7. **Rice, L.A.**, Rogers, W., Sosnoff, J.J. (2020, February 29-March 1). *Maximizing Independence with Technology in the Home*. Invited for presentation at the Carle Hospital Brain Injury Symposium., Champaign, IL. (invitation)
8. **Rice, L.A.**, Rice, I.M. (2019, September 1 -4). *Putting into Practice What We Preach*. Presented at the 2019 Academy of Spinal Cord Injury Professionals Conference and Expo, Nashville, TN. *Therapy Leadership Council Distinguished Lecture Award*. (invitation)
9. **Rice, L.A.**, Sung, J.S., Trace, Y., Peterson, E.W., Sosnoff, J.J. (2019, April 16). *Falls Among Wheelchair and Scooter Users Living with Multiple Sclerosis*. Invited for presentation at Illinois MS Research Day, Champaign, IL. (invitation)

10. **Rice, L.A.** (2017, November 10) *Assistive Devices and Wheelchairs*. Presented at the Falls: Prevention, Assessment and Intervention: Research to Practice Conference at Carle Foundation Hospital. (invitation)
11. Rice I, Blauwet C, **Rice LA.** (2014, June 1) Presentation and Laboratory on adapted wheelchair Sports at the Rehabilitation Institute of Chicago (RIC) 37th Annual Spinal Cord Interdisciplinary Course, Chicago, IL (invitation)
12. **McClure, LA.** (2011, April 30) *Upper Limb Preservation*, Presented at the Jim Thorpe Neurological Conference, Oklahoma City, OK. (invitation)
13. **McClure, LA** (2010 September 29-October 2) *Repetitive Motion Injuries and the Spinal Cord Injury Upper Extremity Protection Guidelines*, Presented at the Association of Rehabilitation Nurses 36th Annual Education Conference; Orlando, FL. (invitation)
14. Minkel, J, Hastings, J, **McClure, LA**, Bjerkefors, A. (2010 June 7-9) *Clinical Practice Guidelines: Transfer Training for Transferring in the Home and Beyond*, Presented at the Posture and Mobility Group Annual Meeting, Glasgow, Scotland.

Conference Presentation and Proceedings:

1. Park, G., Sander, W., Martenies, S, Rosencranz, Rice, L.A., Jayasingh, J., Michaels, S., Aldridge, B. (2023, June 10-13) *Teaching Climate Change Collaboratively*. Accepted for presentation as a poster at the IAMSE Annual Conference. Cancun, Mexico.
2. Van Denend, T., Peterson, E., McArthur, A., Backus, D., Sosnoff, J., Abou, L., Sandhu, A., **Rice, L.A.** (Poster; Accepted; 2023, April 22). A pilot study examining an on-line fall risk management program for people with Multiple Sclerosis who use wheelchairs or scooters: Promising findings. American Occupational Therapy Association INSPIRE 2023 National Conference. Kansas City, MO.
3. **Rice, L.A.**, Sanford, J.; Mumma, K.; Lachs, E. (2023, July 24-26) Optimizing technology to support aging with mobility disability. Accepted for presentation at the 2023 RESNA Annual Conference., New Orleans, L.A.
4. Van Denend, T., Peterson, E., McArthur, A., Backus, D., Sosnoff, J., Abou, L., Sandhu, A., **Rice, L.A.** (2023, April 22). A pilot study examining an on-line fall risk management program for people with Multiple Sclerosis who use wheelchairs or scooters: Promising findings. Accepted for presentation as a poster at the American Occupational Therapy Association INSPIRE 2023 National Conference. Kansas City, MO.
5. **Rice, L.A.**; Johnson, S., Stauffer, K., Kim, E., Peterson, E.W. (2023, April 13-15) Development and Preliminary Reliability and Validity of the Falls Concern Scale for Wheelchair and Scooter Users – FCS-W/C+S. Accepted for presentation at the International Seating Symposium. Pittsburgh, PA.
6. **Rice, L.A.**, Peterson, E.W., Backus, D., Sosnoff, J.J. (2022, November 8-11) *A Novel mHealth Fall Prevention and Management Program for Wheelchair and Scooter users living with Spinal Cord Injury and Multiple Sclerosis*. Accepted for presentation at the American Congress of Rehabilitation Medicine 2022 LaunchPad: A Rehabilitation Technology Innovation Competition. Chicago, IL.

7. **Rice, L.A.**, Abou, L., Fliflet, A., Presti, P., Mahajan, H, Frenchette, M., Sosnoff, J. (2022, October 22-26) *Development of an automated fall detection device specific to wheelchair users*. Accepted for presentation at the 13th World Conference of Gerontechnology. Daegu, Korea.
8. Chanase, M., Gao,X., Kaczmarek, O., Sethi, A.,Bumstead,B., Bubse, M., Zarif, M., Golan, D., Wilken,J., Strauser, D., **Rice, L.A.** (2022, October 26-28). *Multiple Sclerosis and Quality of Life: multiple-dimensional approach to identify holistic factors influencing quality of life amongst persons with multiple sclerosis*. Accepted for presentation at the 38th Congress of ECTRIMS. Amsterdam, NL.
9. Pedro, A., Gao,X., Kaczmarek, O., Sethi, A.,Bumstead,B., Bubse, M., Zarif, M., Golan, D., Wilken,J., Strauser, D., **Rice, L.A.** (2022, October 26-28). *Multiple Sclerosis, Multi-Domain Computerized Cognitive Testing and Employment: Real World Value of Validated Cognitive Testing*. Accepted as a poster at the 38th Congress of ECTRIMS. Amsterdam, NL.
10. **Rice, L.A.**, Sosnoff, J.J. (2022, Sept 7-10) *Comprehensive Fall Management Among Individuals who use a Wheelchair Full-time: Across the Continuum*. Accepted for presentation at the 2022 Academy of Spinal Cord Injury Professionals Annual Meeting and Expo, Kansas City, MO.
11. Rice, L.A. (2022, Sept 7-10) *Beyond the Book: SCI Essential for Therapists*. Accepted for presentation at the 2022 Academy of Spinal Cord Injury Professionals Annual Meeting and Expo, Kansas City, MO.
12. Worobey, L.W., Bentz, K., **Rice, L.A.** (2022, August 28-31) *Transfers: Techniques, Technology and Training Tools to Optimize Safety and Independence*. Accepted for Presentation at the Paralyzed Veterans of America Annual Healthcare Summit and Expo. Dallas, TX.
13. **Rice, L.A.**, VanDenend, T., Sung, J.H., Peterson, E.W. (2022, August 28-31) *Fall Management Among Wheelchair Users Living with Multiple Sclerosis: Current Research and Practice Strategies*. Accepted for Presentation at the Paralyzed Veterans of America Annual Healthcare Summit and Expo. Dallas, TX.
14. Peterson, E.W., Sung, J.H., Yarnot, R., **Rice, L.A.** (2022, August 28-31). *Advancing innovation in fall prevention: Promising findings from a pilot study examining a comprehensive fall risk management program for people with multiple sclerosis who use wheelchairs or scooters*. Accepted as a poster presentation at the 18th World Federation of Occupational Therapy Congress, Paris, France.
15. Peterson, E.W., Sung, J.H., Yarnot, R., Rice, L.A. (2022, August 28-31) *Leading Change in Fall Prevention for Special Populations: Process Evaluation of an Online Fall Management Program for Full-time Wheelchair and Scooter Users with Multiple Sclerosis*. Accepted for presentation at the 18th World Federation of Occupational Therapy Congress, Paris, France.
16. Remillard, E., Sanford J., Koon, L., **Rice, L.A.**, Thompson, B. (2022, July 13-15) *Designing User-Centered Technologies to Support People Aging with Disability*. Accepted for presentation at the 2022 Rehabilitation Engineering Society of North America Virtual Conference.
17. **Rice, L.A.**, Van Denend, T., Peterson, E. (2022, March 8, 10, 16 &19) *Supporting Client-centered, Interdisciplinary Approaches to Building Fall Prevention Skills Among Full-time Wheelchair and Scooter Users: Best Practices*. Accepted for presentation at the 2022 Illinois Physical Therapy Association Revitalize Virtual Conference.

18. Peterson, E., Van Denend, T., Sung, J., **Rice, L.A.** (2022, March 8) Supporting client-centered, interdisciplinary approaches to building fall prevention skills among full-time wheelchair & scooter users: Best practices. Accepted for presentation at the Canadian Association of Occupational Therapy Annual Conference, Virtual Conference.
19. Frechette M.L., Fanning J.T., Hsieh K.L., **Rice L.A.**, & Sosnoff J.J. (2022, March 20-23) *The Usability of a Smartphone-Based Fall Risk Health Application for Adult Wheelchair Users*. Accepted as a poster presentation at the International Symposium on Human Factors and Ergonomics in Health Care. New Orleans, Louisiana.
20. **Rice, L.A.**, Peterson, E.W., Backus, D., Sung, J.H., Yarnot, R., Sosnoff, J.J. (2022, January 31-Feb. 2) *A Fall Prevention and Management Program for Full-time Wheelchair Users Living with Multiple Sclerosis: Best Practices and Preliminary Findings*. Accepted for presentation at the 2021 International Seating Symposium. Pittsburgh, PA.
21. Peterson, E., Van Denend, T., Sung, J., **Rice, L.A.** (2021, September 15-18). *Process evaluation of iROLL: A fall management program for full-time wheelchair and scooter users with multiple sclerosis*.
22. Accepted for presentation as a poster at the Council of Occupational Therapists for European Countries (COTEC) - European Network of Occupational Therapy in Higher Education (ENOTHE), Virtual Congress, Prague, Czech Republic .
23. Sung, J.H., Shen, S., Peterson, E.W., Sosnoff, J.J., Backus, D., **Rice, L.A.** (2021, September 26-29). *Fear of Falling, Community Participation, and Quality of Life Among Community-Dwelling People Who Use Wheelchairs Full Time*. Accepted for presentation as a poster at the American Congress of Rehabilitation Medicine 98th Annual Conference, Virtual. Winner of the Neurodegenerative Disease NG Best Poster Award.
24. **Rice, L.A.**, Sosnoff, J.J., Backus, D., Yarnot, R., Peterson, E. (2021, Sept. 5-8) *Consequences of Falls Among Individuals Living with Multiple Sclerosis who use Wheelchairs and Scooters*. Accepted for Presentation at the 2021 Academy of Spinal Cord Injury Professionals, Reno, NV.
25. Worobey, L.W., Bentz, K., **Rice, L.A.** (2021, August 29-Sept. 1) *Transfers: Techniques, Technology and Training Tools to Optimize Safety and Independence*. Accepted for Presentation at the Paralyzed Veterans of America 10th Annual Healthcare Summit and Expo. (conference cancelled due to COVID-19)
26. **Rice, L.A.**, VanDenend, T., Sung, J.H., Peterson, E.W. (2021, August 29-September 1) *Fall Management Among Wheelchair Users Living with Multiple Sclerosis: Current Research and Practice Strategies*. Accepted for Presentation at the Paralyzed Veterans of America 10th Annual Healthcare Summit and Expo. (conference cancelled due to COVID-19)
27. Remillard, E., **Rice, L.A.**, Kadylak, T., Sosnoff, J. (2021, July 7-9) *Technologies to Support Aging-in-Place for People with Long-Term Disabilities*. Accepted for Presentation at the Rehabilitation Engineering Society of North America 2021. (held online due to COVID-19).
28. Peterson, E.W., Van Denend, T., Sung, J.H., **Rice, L.A.** (2021, April 6-30) *Client-centered and Interdisciplinary Approaches to Building Fall Prevention Skills Among Full-time Wheelchair and Scooter Users: Best Practices*. Accepted for presentation at the 2021 American Occupational Therapy Annual Conference and Expo, (held online due to COVID-19).

29. Nie, Qiong, Sosnoff, J.J., **Rice, L.A.**, Rogers, W. (2020, November 4-8) *Investigating Falls and Rehabilitation Use in Older Wheelchair Users from the National Health and Aging Trends Study*. Accepted for presentation as a poster at the Gerontological Society of America 2020 Annual Scientific Meeting Online. (held online due to COVID-19)
30. Rogers, W.A., Jones, B.D., Mitzner, T.L., Mahajan, H., **Rice L.A.**, (2020, October 21-24) *Technology Advances to Support People Aging with Long-Term Mobility Disabilities*. Presentation as a symposia at the American Congress of Rehabilitation Medicine 2020 Annual Conference, Atlanta, GA. (held online due to COVID-19)
31. **Rice, L.A.** Peterson, E.W., Sung, J.H., VanDenend, T. (2020, September) *Building Fall Prevention Skills Among Full-time Wheelchair and Scooter Users Living with Multiple Sclerosis or Spinal Cord Injury: Best Practices*. Accepted for presentation at the 2020 Academy of Spinal Cord Injury Professionals Educational Conference and Expo, Chicago, IL. (held online due to COVID-19).
32. **Rice, L.A.**, Van Denend, T., Sung, J.H., Peterson, E.W., (2020, August 13-15) *Fall Management Among Wheelchair Users Living with Multiple Sclerosis: Current Research and Practice Strategies*. Accepted for presentation at the 2020 Paralyzed Veterans of America Healthcare Summit and Expo. Orlando, FL. (conference cancelled)
33. Worobey, L.W., Bentz, K., **Rice, L.A.** (2020, August 13-15) *Transfers: Techniques, Technology and Training Tools to Optimize Safety and Independence*. Accepted for presentation at the 2020 Paralyzed Veterans of America Healthcare Summit and Expo. Orlando, FL. (conference cancelled)
34. Yarnot, R.Y., **Rice, L.A.**, Mills, S. (2020, July 7-10) *Perceptions of anterior tilt seat function among power wheelchair users: A qualitative study*. Accepted for presentation as a poster at the 2020 Rehabilitation Engineering and Assistive Technology Society of North America Conference, Arlington, VA, (held online due to COVID-19).
35. Gonzalez, E., Sanford, J., **Rice, L.A.**, Kadylak, T. (2020, July 7-10) *Technologies to Support Aging-in-Place for People with Long-Term Disabilities*. Presented at the 2020 Rehabilitation Engineering Society of North America Conference., Arlington, VA., (held online due to COVID-19).
36. Frechette, M.L., Abou, L., **Rice, L.A.**, Sosnoff, J.J. (2020, May 26-30) *The validity of a smartphone-based seated postural control assessment in non-ambulatory adults*. Accepted for presentation as a poster at the 67th Annual American College of Sports Medicine Conference., San Francisco, CA., (held online due to COVID-19)
37. Peterson, E.W., Van Denend, T., Sung, J.H., Rice, L.A. (2020, March 26-29) *Client-centered and Interdisciplinary Approaches to Building Fall Prevention Skills Among Full-time Wheelchair and Scooter Users: Best Practices*. Accepted for presentation at the 2020 American Occupational Therapy Annual Conference and Expo., Boston, MA. (conference cancelled)
38. **Rice, L.A.**, Peterson, E.W., Backus, D., Sung, J.H., Yarnot, R., Van Denend, T.V., Shen, S., Sosnoff, J.J. (2020, March 3-6). *Managing Fall Risk Among Wheelchair and Scooter Users: Best Practices and Lessons Learned*. Accepted for presentation at the 2020 International Seating Symposium, Vancouver, BC.
39. **Rice, L.A.**, Yarnot, R., Mills, S. (2019, Nov. 3-8). *A Pilot Investigation of Anterior Tilt Use Among Power Wheelchair Users*. Accepted for presentation as a poster at the American Congress of Rehabilitation Medicine 96th Annual Conference, Chicago, IL.

40. Sung, J.S., Peterson, E., Backus, D., Sosnoff, J.J., **Rice, L.A.** (2019, Nov. 3-8) *Falls, Transfers, Wheelchair Skills and Sitting Balance Among Wheelchair and Scooter Users with Multiple Sclerosis*. Accepted for presentation as a poster at the American Congress of Rehabilitation Medicine 96th Annual Conference, Chicago, IL.
41. Fecske, C., **Rice, L.A.**, Forber-Pratt, A. (2019, Nov. 2-6). *An Exploration of Experiences in Disability Sport and Mainstream Sports Environments for Young Adults with Physical Disabilities*. Accepted for presentation as a poster at the American Public Health Association's 2019 Annual Meeting and Expo, Philadelphia, PA.
42. Sanford, J., Remillard, E.T., Sosnoff, J.J., **Rice, L.A.**, Koon, L. (2019, November 5-8). *Rehabilitation Technologies to Support Aging-In-Place for People with Long-Term Mobility Disabilities*. Accepted for presentation as a symposia at the American Congress of Rehabilitation Medicine 2019 Annual Conference, Chicago, IL.
43. Rice, I.M., Sung, J.H., Fliflet, A., **Rice, L.A.** (2019, March 18-22). *Influence of Transfer Height on Key Measures of Technique*. Presented at the 2019 International Seating Symposium, Pittsburgh, PA.
44. Sung, J.H. Peterson, E.W., Sosnoff, J.J., **Rice, L.A.** (2019, March 18-22). *Impact of Fear of Falling on Quality of Life and Community Participation*. Presented at the 2019 International Seating Symposium, Pittsburgh, PA.
45. **Rice, L.A.**, Yarnot, R., Mills, S. (2019, March 18-22). *A Pilot Investigation of Anterior Tilt Among Power Wheelchair Users*. Presented at the 2019 International Seating Symposium, Pittsburgh, PA.
46. **Rice, L.**, Isaacs, Z., Ousley, C., Sosnoff, J. (2018, September). *Management of Fall Risk Among Wheeled Mobility Device Users with Multiple Sclerosis*. Poster presented at the Illinois Symposium on Fall Prevention sponsored by the Illinois Fall Prevention Coalition, Chicago, IL.
47. Van Denend, T., Peterson, E., Sung, J., Sosnoff, J. & **Rice, L.** (2018, September). *Validation of a fall prevention program among non-ambulatory wheeled mobility device users with Multiple Sclerosis: Protocol overview*. Poster presented at the Illinois Symposium on Fall Prevention sponsored by the Illinois Fall Prevention Coalition, Chicago, IL.
48. Compennolle, A., **Rice, L.A.** (2018, September 4-6) Anterior tilt as a power seat function for power wheelchairs – functional and clinical outcomes. Presented at the Nordic Seating Symposium 2018, Copenhagen, Denmark.
49. **Rice, L.A.**, Sung, J.H., Keane, K., Petersons, L., Sosnoff, J.J. (2018, September 2-5) Influence of A Fall Prevention Education Program for Manual Wheelchair Users with Spinal Cord Injuries. Presented at the 2018 Educational Conference of the Academy of Spinal Cord Injury Professionals, New Orleans, LA.
50. Worobey, L., Huzinec, R., Rigot, S., **Rice, L.A.** (2018, September 2-5) Independent Transfers: Assessment, Training and Implications of Technique. Presented at the 2018 Educational Conference of the Academy of Spinal Cord Injury Professionals, New Orleans, LA.
51. Yang, T.D., **Rice, L.A.**, Jan, YK. (2018, July 11-15) *Typifying power wheelchair joystick control using EmG feature and channel selection*. Presented as a poster at the Rehab Engineering Society of North America (RESNA) 2018 Annual Conference, Arlington, VA.

52. Peterson, E.W.; Sosnoff, J.J.; Sung, J.H.; **Rice, L.A.** (2018, May 31-June 2) Understanding Falls among Full-time Wheelchair Users with Multiple Sclerosis: A Mixed Methods Study. Presented at the 23rd Annual Rehabilitation in Multiple Sclerosis (RIMS) Conference, Amsterdam.
53. **Rice, L.A.**, Sung, JH, Peters, J, Sosnoff, J.J. (2018, March 6-9) *Best Practices in Management of Fall Risk Among Power Wheelchair Users*. Presented at the 34th International Seating Symposium, Vancouver, BC.
54. **Rice, L.A.**, Sung, JH., Trace, Y., Peterson, E.W., Sosnoff, J.J. (2017, September 3-6) *Fall Characteristics of Full Time Wheelchair Users Living with Spinal Cord Injury*. Presented at the Academy of Spinal Cord Injury Professional 2017 Educational Conference and Expo, Denver, Co.
55. **Rice, L.A.**, Isaacs, Z.J., Ousley, CM., Sosnoff, JJ. (2017, March 1 – 3) *Transfer Training for Wheelchair Users with Multiple Sclerosis*. Presented at the International Seating Symposium, Nashville, TN.
56. Dysterheft, J., Chaparro, G., Jones, O., **Rice, L.A.**, Rice, I.M. (2016, September 21-23) *Investigating the Outcomes and Perceptions of an Aquatic Exercise Class for University Students With Physical Disabilities*. Presented at the North American Federation of Adapted Physical Activity Conference. Edmonton, Alberta, Canada.
57. **Rice, L.A.**, Kalron, A., Berkowitz, S.H., Backus, D., Sosnoff, J.J. (2016, October 30-November 4) *Fall Prevalence in Wheeled Mobility Device Users Living With Multiple Sclerosis*. Presented as a poster at the American Congress of Rehabilitation Medicine 93rd Annual Conference. Chicago, IL.
58. Worobey, L.A., Hogaboom, N.S., **Rice, L.A.**, Koontz, A.M., Boninger, M.L. (2016, October 30-November 4) *Independent Transfers: Why Technique is Important, How to Teach It, and Does Training Change It?* Presented at the American Congress of Rehabilitation Medicine 93rd Annual Conference., Chicago, IL.
59. **Rice, L.A.**, Sung, J., Keane, K., Sosnoff, J.J. (2016, September 4-7) *Management of Fall Risk Among Full Time Wheelchair Users Living with Spinal Cord Injury*. Presented at the Academy of Spinal Cord Injury Professionals 2016 Educational Conference and Expo, Nashville, TN.
60. Sung, JH, Keane, K., Sosnoff, J.J., **Rice, L.A.** (2016, September 4-7) *The effectiveness of a home-based exercise program on seated postural control in individuals with spinal cord injury*. Presented as a poster at the Academy of Spinal Cord Injury Professionals 2016 Educational Conference and Expo, Nashville, TN.
61. **Rice, L.A.**, Dysterheft, J., Rice, I.M. (2016, March 1-4) *Impact of Transfer Training Among Full Time Pediatric Wheelchair Users*. Presented at the International Seating Symposium, Vancouver, Canada.
62. Rogers, E., Berner, T., Mitchell, S., **Rice, L.A.** (2015, September 7-9) *Advanced Seating and Positioning For the Rehabilitation Professional*, Accepted for Presentation at the Annual Meeting of the Academy of Spinal Cord Injury Professionals., New Orleans, LA. (invitation)
63. **Rice, L.A.**, Isaacs, ZJK., Ousley, CM., Sosnoff, JJ (2015, October 25-30) *Impact of Transfer Training on Non-Ambulatory Individuals Living with Multiple Sclerosis*. Presented as a poster at the American Congress of Rehabilitation Medicine 92nd Annual Conference, Dallas, Tx.

64. Yang, T.D., **Rice, L.A.**, Jan, Y. (2015, June 10-14) *Myoelectric Modeling of Joystick Control for Self-Adaptive Smart Wheelchairs*, Presented at the Rehabilitation Engineering and Assistive Technology Society of North America Annual Conference, Denver, CO. *Student Award Winner*.
65. Dysterheft, J., Rice, I.M., **Rice, L.A.** (2015, June 10-14) *Influence of Handrim Wheelchair Propulsion Training in Adolescent Wheelchair Users*, Presented at the Rehabilitation Engineering and Assistive Technology Society of North America Annual Conference, Denver, CO. *Student Award Winner*.
66. **Rice, L.A.**, Ousley, C., Sosnoff, J.J. (2015, February 25-28) *Assessment and Management of Fall Risk in Wheelchair Users: A Systematic Review*, Presented at the International Seating Symposium, Nashville, TN.
67. Rice, I.M., **Rice, L.A.** (2015, February 25-28) *Physical Activity Intervention for Persons with Advanced Multiple Sclerosis*, Presented at the International Seating Symposium, Nashville, TN.
68. Isaacs, ZJK., Ousley, CM., **Rice, LA**, Sosnoff, JJ (2014, October 10-11) *Seated Postural Control in Non-Ambulatory Persons with Multiple Sclerosis*. Presented as a poster at the 4th International Symposium of Gait and Balance in Multiple Sclerosis. Cleveland, Ohio.
69. Ousley CM, Isaac ZJK, Wajda DA, **Rice LA**, Sosnoff JJ. (2014, October 10-11) *Validation of seated postural control measures in persons with multiple sclerosis*. Presented as a poster at the 4th International Symposium of Gait and Balance in Multiple Sclerosis. Cleveland, Ohio
70. Chruzander, C., Johansson, S., Peterson, E.W., **Rice, L.A.**, Sosnoff, J.J., von Koch, L., Widen Holmqvist, L., Ytterberg, C. (2014, September 10-13) *Falls Among Non-Ambulatory Individuals with Multiple Sclerosis: An International Expert Panel Consensus Statement*. Presented as a poster at the 2014 Joint ACTRIMS-ECTRIMS Meeting.
71. Rogers E, **Rice LA**, Wehrli L, Piltier J, Baldessari J, Severe E, Jennings J. *Therapy in the Era of Technology*. (2014, August 31-September 3) Presented at the Annual Meeting of the Academy of Spinal Cord Injury Professionals., St. Louis, MO
72. **Rice LA**, Smith I, Kelleher A, Greenwald K, Boninger, ML. (2014 August 31-September 3) *Improving Transfer Quality Among Persons Living with Tetraplegia*. Presented at the Annual Meeting of the Academy of Spinal Cord Injury Professionals; St. Louis, MO.
73. Learmonth, Y.C., Rice, I.M., Ostler, T., **Rice, L.A.**, Motl, R.M. (2014, May 28-31) *Perspectives on physical activity among persons with multiple sclerosis who are wheelchair users: Informing the design of future interventions*. Presented as a poster at CMSC ACTRIMS Cooperative Annual Meeting.
74. **Rice, LA**, Goldberg, M. (2014, March 4-7) *How to Optimize Your Continuing Education: A Necessary Benefit to Improve Your Practice*, Presented at the International Seating Symposium, Vancouver, Canada.
75. Betz, K., Rice, I.M., Svirvev, J., Cahow, C., Rogers, E., Schmeler, M., Bieganek, J., **Rice, L.A.** (2013, September 2-4) *Paralyzed to Paralympics and Everything Between: Adaptive Sports and Recreation*. Presented at the Annual Meeting of the Academy of Spinal Cord Injury Professionals; Las Vegas, NV.

76. **Rice, LA**, M.L. Boninger. (2013 September 2-4) *Comparison of Level of Injury on Community Participation and Satisfaction with Life in the First Year After Spinal Cord Injury*, Presented at the Annual Meeting of the Academy of Spinal Cord Injury Professionals; Las Vegas, NV.
77. Hogaboom, N.S., B.F. Fullerton., **L.A. Rice**, M.L. Oyster, M.L. Boninger. (2013 June 20-24) *Ultrasound changes, pain, and pathology in shoulder tendons after repeated wheelchair transfers*, Presented at the RESNA International Conference on Technology and Disability, Bellevue, WA.
78. Jan YK, Crane BA, **Rice LA**, and Ennis WJ. (2013 June 20-24) *Muscle and skin perfusion over the ischial tuberosities in response to wheelchair tilt and recline in people with spinal cord injury* Presented at the RESNA International Conference on Technology and Disability, Bellevue, WA.
79. Jan YK, Liao F, **Rice LA**, and Woods JA. (2013, May 6-8) *Using reactive hyperemia to assess the efficacy of local cooling on reducing skin ischemia under surface pressure in people with spinal cord injury* Presented at the American Spinal Injury Association Annual Conference, Chicago, IL.
80. Beauchamp, D.W, N.S. Hogaboom, B. Fullerton, **L.A. Rice**, M.L. Boninger. (2013 March 6-10) *Ultrasound Changes in Shoulder Tendons in Response to Repeated Transfers*. Presented at the Association of Academic Physiatrists Annual Conference. New Orleans, LA.
81. **Rice, L.A.** B. Hedrick. (2013, March 5-9) *Use of Environmental Control Units by Power Wheelchair Users in Higher Education* Presented at the International Seating Symposium, Nashville, TN.
82. **Rice, LA**, Boninger, ML, Smith, I. (2012, March 7-9) *Randomized Clinical Trial to Evaluate the Implementation of Clinical Practice Guidelines on Transfer Skills and Quality* Presented at the International Seating Symposium, Vancouver, Canada.
83. **McClure, LA**, Koontz AM (2011, March 3-5) *The Transfer Assessment Instrument for Measuring Transfer Performance* Presented at the International Seating Symposium Nashville, TN.
84. Koontz, AM, **McClure, LA** (2010, September 22-24) *Measuring Transfer Performance: Adherence with Evidence-Based Practices Concerning Preservation of Upper Limb Function in Patients with Spinal Cord Injury* Presented at the Annual Meeting of the Academy of Spinal Cord Injury Professionals; Las Vegas, NV.
85. **McClure, LA**, M.L. Boninger. (2010, March 10-13) *Implementation of Clinical Practice Guidelines Strategies* Presented at the International Seating Symposium; Vancouver, Canada.
86. **McClure, LA** (2009, September 15-17) *Implementation of Clinical Practice Guidelines Strategies*, Presented at the European Seating Symposium; Dublin, Ireland.
87. C. M. Heiner, **L.A. McClure**, Z. Talmadge, M.L. Boninger. (2009, June 23-27) *A Prototype Web Site for Clinical Education: Implementation of Guidelines for Preventing Upper Limb Pain in People with Spinal Cord Injury* Presented at the Rehabilitation Engineering and Assistive Technology Society of North America Conference, New Orleans, LA.

88. **McClure, L.A.**, M.L. Boninger, M.L. Oyster, J.A. Lieberman. (2009, June 23-27) *Prevalence and Impact of Wheelchair Breakdowns on Fulltime Wheelchair Users*, Presented at the Rehabilitation Engineering and Assistive Technology Society of North America Conference, New Orleans, LA.
89. **McClure, LA**, M.L. Boninger. (2009, March 11-14) *Implementation of Clinical Practice Guidelines Strategies* Presented at the International Seating Symposium; Orlando, FL.

Other Publications/Presentations

1. Backus, D., Rice, L.A. (2022, Oct. 21) *Fall Prevention and Fall Risk in Wheelchair Users with Multiple Sclerosis*. Podcast by the Degenerative Disease Special Interest Group (Academy of Neurologic Physical Therapy) <https://podcasts.neuropt.org/ddsig/dd-sig-fall-prevention-and-fall-risk-in-wheelchair-users-with-multiple-sclerosis-with-debbie-backus-and-laura-rice-episode-33/>
2. Peterson, E. & Rice, L. (2022, Feb 9) *Exploring issues related to falls for people living with disabilities*. Invited for presentation as part of the Dele Discoveries podcast series, sponsored by Dele Health Tech. (Online).
3. Boninger, M.L, J. Carswell, **L.A. McClure**. (2008) Preservation of Upper Limb Function: What you should know. Consortium for Spinal Cord Medicine: Washington DC.

Teaching Experience

Instructor: KIN/CHLH 110: Introduction to the Health Sciences (Department of Kinesiology and Community Health, University of Illinois)
Fall 2016

Instructor: CHLH/REHB/KIN 407/ANTH 404: Disability, Culture and Society (Department of Kinesiology and Community Health, University of Illinois)
Spring 2016

Instructor: CHLH 494: Aging and Disability (Department of Kinesiology and Community Health, University of Illinois)
Spring 2015

Supervisor: KIN 385: Experience in Kinesiology Research (Department of Kinesiology and Community Health, University of Illinois)
Spring 2014, Fall 2014, Spring 2015, Spring 2016, Spring 2017, Summer 2017, Fall 2017, Spring 2018, Fall 2018, Spring 2019, Fall 2019, Spring 2020, Summer 2020, Fall 2020, Spring 2021, Fall 2021, Spring 2022, Fall 2022, Spring 2023

Instructor: CHLH/REHB 330: Disability in American Society (Department of Kinesiology and Community Health, University of Illinois)
Fall 2013, Fall 2014, Spring 2016, Fall 2016, Spring 2017, Fall 2017, Spring 2018, Fall 2018, Spring 2019, Fall 2019, Spring 2020, Summer 2020, Fall 2020, Winter 2020-2021, Spring 2021, Summer 2021, Winter 2021-2022, Summer 2022, Winter 2022-2023

Instructor: KIN/CHLH 199: Introduction to the Health Sciences (Department of Kinesiology and Community Health, University of Illinois, now KIN/CHLH 110)

Fall 2012, Fall 2013, Fall 2014

Instructor: HRS 2705: Rehabilitation Engineering and Assistive Technology Practices (School of Health and Rehabilitation Science, University of Pittsburgh),

Spring 2011

Teaching Assistant – HRS 3701 Clinical Application of Seating (School of Health and Rehabilitation Science, University of Pittsburgh)

Spring 2009

Teaching Assistant – Introduction to Physical Therapy (Department of Physical Therapy, Duquesne University)

Spring 2003

Students Advised

Master's Students Directed

- Isaacs, Zadok, MS, 2015 “*Effect of an Exercise Based Intervention on Seated Postural Control in Non-Ambulatory Persons with Multiple Sclerosis,*” now at Sanford Health (chair)
- Peters, Joseph, MS, 2017, “*Wheelchair Racing Pressure Analysis,*” now a PhD student at UIUC (chair)
- Yarnot, Rebecca, MS, 2019, “*Perceptions of Anterior Tilt Seat Function Among Power Wheelchair Users: A Qualitative Study*” (chair)
- Fliflet, Alexander, MS, 2021, “*Insights on an automated fall detection device designed for older adult wheelchair and scooter users: A qualitative study*”, now a PhD student at UIUC (chair)
- Dandeneau, Kady, MS, TBD, current MS student
- Campbell, Monica, MS, medical leave
- Moein, Sahel, MS, TDB, current MS student

Master's Committees

- Hernandez, Maria Luisa Toro, MS, 2011, “*The Impact of Transfer Setup on the Performance of Independent Transfers,*” now at Universidad CES, Medellin, Columbia, Facultad de Medicina (committee member)
- Sung, Jong Hun, MS, 2013 “*Effect of a 2 Minute Bout of Body Weight Supported Treadmill Training on the Ankle Spasticity in Persons with Advanced Multiple Sclerosis,*” now an Assistant Professor at Idaho State University
- Ousley, Cherita, MS, 2015 “*Validation of Seated Postural Control Measures in Non-Ambulatory Persons with Multiple Sclerosis,*” now a Software Engineer at Microsoft (committee member)
- Frechette, Mikaela, MS, 2019, *The Validity, Reliability and Sensitivity of a SmartPhone-Based Seated Postural Control Assessment in Wheelchair Users,* “ now a PhD student at UIUC. (committee member)

Dissertations Directed

- Fecske, Courtney, PhD, 2019, “*An Exploration of Experiences in Disability Sport and Mainstream Sport Environments for Adolescents with Physical Disabilities*” (Chair) now a Clinical Assistant Professor at Indiana University – Bloomington
- Sung, Jong Hun, PhD, 2019, “*Fall Management Among Full Time Wheelchair Users,*” (Chair) now an Assistant Professor at Idaho State University

- Abou, Libak, PhD, 2022, “*Effect of Unsupported Sitting Balance Training on Falls, Functional Independence and Quality of Life of People with Spinal Cord Injury*”, Now a Post-Doctoral Research Associate at the University of Michigan
- Frechette, Mikaela, 2022, *Cognitive-Motor Interaction During Wheelchair Propulsion*, Now a Design Researcher at Tekna, Inc.
- Yarnot, Rebecca, PhD, in progress, *Disability Awareness Training and Education for University Campus Recreation Staff to Increase Inclusion of Students with Disabilities*, anticipated graduation May 2023
- Koziel, Steven, PhD, in progress, *TBD*, anticipated graduation May 2025
- Li, Ziwei, PhD, in progress, *TBD*, anticipated graduation May 2025

Doctoral Committees

- Tsai, Chung-Ying, PhD, 2015, “*Biomchanical Validation of the Transfer Assessment Instrument (TAI) in Evaluating Different Independent Transfers in Wheelchair Users*,” now an Assistant Professor at the Icahn School of Medicine, Mt. Sinai (committee member)
- Hsieh, Katherine, PhD, 2020, “*Fall Risk Assessment with Mobile Technology for People with Multiple Sclerosis*,” now an Assistant Professor at Georgia State University
- Lindahl-Lewis, Paige., In Progress, “*Emotional Intelligence in Relation to College Students with Disabilities Adaptation to College*,” current student
- Yang, Timothy, In Progress, “*Effects of Anticipatory Planning Constraints on Power Wheelchair Driving in People with Cerebral Palsy*”, current student
- Bayles, Megan, In Progress, “*TBD*”, current student

Clinical Advanced Degree Committees

- van Denend, Toni, OTD, 2019, “*Process Evaluation of a Fall Prevention Program for Wheeled Mobility Users with Multiple Sclerosis*,” now an Adjunct Assistant of Occupational Therapy School of Education and Health Science at North Central College.

International Graduate Mentoring Program Students:

- Yufan Lu – Fall 2019
- Siqi Zhu – Spring 2020

Service

Public Engagement

- Provision of wheeled mobility and seating services to UIUC students and Champaign-Urbana community members.
 - *Aid UIUC students and Champaign-Urbana community members to obtain wheeled mobility devices to enhance their quality of life and community participation. To perform these tasks, I must maintain an Assistive Technology Professional certification that requires completion of 30 hours of continuing education every other year.*
- Professional Memberships:
 - Member Academy of Spinal Cord Injury Professionals, 2012 - present
 - Member, American Physical Therapy Association, 2003 – present
 - Member Aqua Therapy and Rehabilitation Institute, 2011- 2013
 - Member, Rehabilitation Society of North America, 2007-2009
- Certifications:
 - Licensed Physical Therapist in Illinois, 2011-present

- ii. Certified Assistive Technology Provider (ATP), 2010- present
- iii. Licensed Physical Therapist in Pennsylvania, 2004-2015 (current: Inactive status)

Service to Disciplinary and Professional Societies or Associations

- ASCIP Therapy Leadership Committee Board of Director Executive Committee President, 2022 - Present
- ASCIP Therapy Leadership Committee Board of Director Executive Committee Vice President, 2022
- ASCIP Therapy Leadership Committee Board of Director Executive Committee Secretary and Treasurer, 2019 - 2022
- ASCIP Therapy Leadership Council, Board of Directors Member, 2018 - 2019
- Illinois Physical Therapy Association Nominating Committee Chair, 2015 - 2021
- Illinois Physical Therapy Association Assembly Representative: 2018- 2022
- Academy of Spinal Cord Injury Professionals (ASCIP) Electronic Communication Committee Chair, 2015-2018

- Journal Reviewer for:
 - i. Assistive Technology
 - ii. Archives of Physical Medicine and Rehabilitation
 - iii. BioMed Research International
 - iv. British Medical Journal
 - v. Clinical Rehabilitation
 - vi. Cogent Medicine
 - vii. Disability and Rehabilitation
 - viii. International Biomechanics
 - ix. International Journal of Physical Medicine and Rehabilitation
 - x. Journal of Health Psychology
 - xi. Journal of Rehabilitation Research and Development
 - xii. Journal of Spinal Cord Medicine
 - xiii. Journal of Sport and Health Science
 - xiv. Medical Journals
 - xv. Open BioMedical- Geriatrics
 - xvi. Physiotherapy Research International
 - xvii. PLOS ONE
 - xviii. Spinal Cord
 - xix. Topics in Spinal Cord Injury Rehabilitation

University/Campus Service

- Co-Chair, MHA Director, Search Committee, 2023
- Committee member, Biomechanics, 2022
- Committee Member, MPH Director, Search Committee, 2022
- Chair, MS Research Collaborative, 2021- present
- Committee Member, Search Committee: Health Technology, 2019
- Chair, KCH Honors and Awards, 2018-present
- Committee Member, Health Disparities and Disability Concentration, 2013-present
- Committee Member, Search Committee: DPT Founding Director, 2019-2019

- Committee Member, Search Committee: AHS IT Specialist, 2017 – 2018.
- Committee Member, Search Committee: Visiting Research Specialist, Center for Wounded Veterans in Higher Education, 2017-2018
- Committee Member, Search Committee: Teaching Assistant Professor in Community Health, 2017-2018
- Committee Member, Elections and Credential Committee, 2017-2019
- Chair, College Grievance Committee, 2016- 2018
- Committee Member, Community Health Curriculum Review, 2017- present
- Committee Member, KCH Honors and Awards, 2016 - 2017
- Creation and maintenance of the Disability Resources and Educational Services Research Registry, 2016 - present
- Committee Member, Search Committee: Assistant Director for the Center for Wounded Veterans in Higher Education, 2016-2017
- Committee Member, Alleged Capricious Grading, 2014-2016
- Committee Member, Search Committee: Falls/Fall Prevention, 2013-2014

Review Panels

Abstracts/Posters

- 2021, Academy of Spinal Cord Injury Professional, Poster Review Committee for the 2021 Educational Conference of the Academy of Spinal Cord Injury Professionals.
- 2020, Academy of Spinal Cord Injury Professional, Poster Review Committee for the 2020 Educational Conference of the Academy of Spinal Cord Injury Professionals.
- 2019, Academy of Spinal Cord Injury Professional, Poster Review Committee for the 2019 Educational Conference of the Academy of Spinal Cord Injury Professionals.
- 2018, Academy of Spinal Cord Injury Professional, Abstract Review Committee for the 2019 Educational Conference of the Academy of Spinal Cord Injury Professionals.
- 2014, Academy of Spinal Cord Injury Professional, Poster Review Committee for the 2014 Educational Conference of the Academy of Spinal Cord Injury Professionals.

Grants

- 2023, National Institutes of Health
- 2023, Veterans Administration
- 2022, Veterans Administration
- 2021, Montana State IDeA Network of Biomedical Research Excellence
- 2020, University of Illinois at Urbana-Champaign Jump ARCHES Endowment
- 2019, University of Illinois at Urbana-Champaign Research Board, Research Board Grant Review.
- 2018, University of Illinois at Urbana-Champaign Research Board, Research Board Grant Review.
- 2014, Graduate Student Travel Award

Research Interests

- Preventing development of secondary impairments for persons with disabilities
- Provision of effective education for persons with disabilities
- Community Integration of Individuals with Disabilities
- Professional Education
- Development of Outcome Measures