

**Roxanna M. Bendixen, PhD, OTR/L, FAOTA  
CURRICULUM VITAE**

**BIOGRAPHICAL INFORMATION**

**Name:** Roxanna M. Bendixen  
**Business Address:** Department of Occupational Therapy  
Bridgeside Point 1  
100 Technology Drive, Room 364  
Pittsburgh, PA 15219

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**EDUCATION and TRAINING**

**UNDERGRADUATE**

<u>Dates Attended</u>	<u>Name and Location of Institution</u>	<u>Degree Received, Year</u>	<u>Major Discipline</u>
August 1995 to December 1997	University of Florida, Gainesville, FL	Bachelor of Science, 1997	Occupational Therapy

**GRADUATE**

<u>Dates Attended</u>	<u>Name and Location of Institution</u>	<u>Degree Received, Year</u>	<u>Major Discipline</u>
January 2002 to December 2002	University of Florida, Gainesville, FL	Master of Science, 2002	Health Science
August 2002 to December 2006	University of Florida, Gainesville, FL	Doctor of Philosophy, 2006	Rehabilitation Science

**DISCIPLINE SPECIALIZATION:** Pediatrics / Early onset neuromuscular disorders

**APPOINTMENTS and POSITIONS**

**ACADEMIC POSITIONS**

<u>Years Inclusive</u>	<u>Department, Name and Location of Institution</u>	<u>Rank/Title</u>
2002-2004	Low ADL Monitoring Project (LAMP) – Telerehabilitation for Veterans, University of Florida/Veterans Administration, Gainesville, FL	Research Assistant
2004-2005	Rehabilitation Research and Training Center on Independent Living, Independent Living Center Services for Older Persons, National Institute of Disability and Rehabilitation Research (NIDRR), Gainesville, FL	Research Assistant/ Project Coordinator
2005	National Older Driver's Research & Training Center (NODRTC), University of Florida, Gainesville, FL	Research Assistant
December 2006 to August 2013	Department of Occupational Therapy, University of Florida, Gainesville, FL	Research Assistant Professor
September 2013 to present	Department of Occupational Therapy, University of Pittsburgh, Pittsburgh, PA	Assistant Professor
September 2019	Department of Occupational Therapy, University of Pittsburgh, Pittsburgh, PA	Associate Professor (with tenure)

**ACADEMIC APPOINTMENTS**

<u>Years Inclusive</u>	<u>Department, Name and Location of Institution</u>	<u>Rank/Title</u>
January 2011 to August 2013	Department of Occupational Therapy, College of Public Health and Health Professions, University of Florida, Gainesville, FL	Graduate Faculty
September 2013 to August 2016	Department of Occupational Therapy, University of Florida, Gainesville, FL	Courtesy Faculty

June 2015 to May 2018	MS OT Program, Department of Occupational Therapy, School of Health & Rehabilitation Sciences, University of Pittsburgh	Program Director
November 2015 to present	Department of Occupational Therapy, School of Health & Rehabilitation Sciences, University of Pittsburgh	Graduate Faculty
April 2018 to Present	Department of Neurology, School of Medicine, University of Pittsburgh	Secondary Appointment

**NON-ACADEMIC POSITIONS**

<u>Years Inclusive</u>	<u>Department, Name and Location of Institution</u>	<u>Rank/Title</u>
1997-2001	Kindred Healthcare Services, Orange County Public Schools, Orlando, FL	Lead Diagnostician
1998-2001	Pediatric Evaluation Center, Orlando, FL	Lead Diagnostician
2000-2001	Children First Home Health Care Services, Winter Park, FL	Staff Therapist
2007-2013	Muscular Dystrophy Clinic, Shands Hospital, Gainesville, FL	Clinical Evaluator
2014-present	Children's Hospital of Pittsburgh, Muscular Dystrophy Clinic, Pittsburgh, PA	Clinical Consultant
2014-present	Cooperative International Neuromuscular Research Group (CINRG), University of Pittsburgh, PA	Clinical Evaluator Researcher

**CERTIFICATION and LICENSURE**

**SPECIALTY CERTIFICATION**

National Board for Certification in Occupational Therapy, #1022672

**PROFESSIONAL LICENSURE**

Commonwealth of Pennsylvania Occupational Therapy License, #OC012748

**MEMBERSHIPS in PROFESSIONAL and SCIENTIFIC SOCIETIES**

**ORGANIZATION**

American Occupational Therapy Association (AOTA) Member #44865  
 Pennsylvania Occupational Therapy Association Member # 26531761  
 World Federation of Occupational Therapy (WFOT) Member  
 Society for Research in Child Development Member #28990  
 Elected member: American Association of Neuromuscular & Electrodagnostic Medicine, #4381  
 World Muscle Society Member  
 International Society for the Measurement of Physical Behavior Member  
 Sleep Research Society Member #C466339

**HONORS & AWARDS**

**SCHOLARLY AWARDS**

Visiting Scholar, Capella University	2007-2008
Visiting Scholar, Nova Southeastern University	2010-2012
Lead Educator in Neuromuscular Disorders: American Occupational Therapy Association	2011-2017
Outstanding Alumna Award, University of Florida, Department of Occupational Therapy	2015
American Occupational Therapy Association Roster of Fellows (FAOTA)	2019

**RESEARCH AWARDS**

Lela Llorens Award for Academic Excellence in Research, University of Florida	2002
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Outstanding Research Service Award, College of Public Health & Health Professions, University of Florida	2012
2018 Research Award, Pennsylvania Occupational Therapy Association	2018

**TEACHING AWARDS**

Outstanding Teaching Service Award, College of Public Health & Health Professions, University of Florida	2010, 2012
SHRS Dean's Distinguished Teaching Award, School of Health & Rehabilitation Sciences, University of Pittsburgh	2017-2018

**RESEARCH FELLOWSHIPS**

Pre-Doctoral Associate Health Rehabilitation Fellowship: Veteran's Administration	2005-2006
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**MANUSCRIPTS**

<p><i>Web of Science H-Index = 12</i></p>	<p><i>Average Citations Per Item = 8.9</i></p>	<p><i>Time Cited (w/o self- citations) = 422</i></p>	<p><i>Citing Articles (w/o self-citing) = 393</i></p>
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**REFEREED ARTICLES**

1. Levy, C. E., Berner, T. F., & **Bendixen, R.** (2005). Rehabilitation for individuals with fibrodysplasia ossificans progressiva. *Reviews in Bone and Mineral Metabolism*, 3(3/4), 251-256. (Impact 0.54)
2. **Bendixen, R.**, Mann, W., & Tomita, M. (2005). Relationship of home range to functional status and cognitive status of frail elders. *Physical and Occupational Therapy in Geriatrics*, 23(2/3), 43-62. (Impact N/A)
3. Shechtman, O., Classen, S., Stephens, B., Davis, E., **Bendixen, R.**, Belchior, P., Sandhu, M., McCarthy, D., & Mann, W. (2006). The impact of intersection design on simulated driving performance of young and senior adults: Preliminary results. *Topics in Geriatric Rehabilitation*, 22(1), 27-35. (Impact 0.18)
4. Classen, S., Shechtman, O., Stephens, B., Davis, E., **Bendixen, R.**, Belchior, P., Sandhu, M., McCarthy, D., & Mann, W. (2006). The impact of roadway intersection design on driving performance of young and senior adults: Preliminary results. *Topics in Geriatric Rehabilitation*, 22(1), 18-26. (Impact 0.18)
5. **Bendixen, R.**, Horn, K., & Levy, C. (2006). Using telerehabilitation to support chronically ill elders in their homes. *Topics in Geriatric Rehabilitation*, 23(1), 47-51. (Impact 0.18)
6. Classen, S., Shechtman, O., Stephens, B., Davis, E., **Bendixen, R.**, Belchior, P., Sandhu, M., Justiss, M., Posse, C., McCarthy, D., & Mann, W. (2007). The impact of roadway intersection design on driving performance of young and senior adults. *Traffic Injury Prevention*, 8, 1-10. (Impact 1.4)
7. **Bendixen, R.**, Levy, C., Lutz, B., Horn, K., Chronister, K., & Mann, W. (2008). A telerehabilitation model for victims of polytrauma. *Rehabilitation Nursing*, 33(5), 215-220. (Impact 0.76)
8. Ferdig, R. E., Amberg, H. G., Elder, J. H., Valcante, G., Donaldson, S., & **Bendixen, R.** (2008). The development of a web-based platform for fathers of children with autism. *Learning Technology*, 10(2), 11-15. (Impact 1.08)
9. **Bendixen, R.**, Levy, C., Olive, E., Kobb, R., & Mann, W. (2009). Cost effectiveness of a telerehabilitation program to support chronically ill and disabled elders in their homes. *Telemedicine and e-Health*, 15(1), 31-38. (Impact 1.78)
10. Ferdig, R. E., Elder, J. H., Valcante, G., Donaldson, S., & **Bendixen, R.** (2009). Autism and family interventions: The use of the Internet to train fathers of autistic children. *International Journal of Web-Based Learning and Teaching Technologies*, 4(3), 55-69. (Impact 0.1)
11. Elder, J. H., Donaldson, S., Kairalla, J., **Bendixen, R.**, Valcante, G., & Ferdig, R. E. (2010). In-Home training for fathers of children with autism: A follow up study and evaluation of four individual training components. *Journal of Child and Family Studies*, 20(3), 263-271. (Impact 1.38)
12. **Bendixen, R.**, Elder, J., Donaldson, S., Kairalla, J., Valcante, G., & Ferdig, R. (2011). Effects of a father-based in-home intervention on perceived stress and family dynamics in parents of children with autism. *American Journal of Occupational Therapy*, 65(6), 679-687. (Impact 1.4)
13. Reynolds, S., **Bendixen, R.**, Lawrence, T., & Lane, S. (2011). A pilot study examining activity participation, sensory responsiveness, and competence in children with autism spectrum disorder. *Journal of Autism & Developmental Disorders*, 41(11), 1496-1506. (Impact 3.34)
14. Akima, H., Lott, D., Senesac, C., Deol, J., Germain, S., Arpan, I., **Bendixen, R.**, Sweeney, H. L., Walter, G., &

- Vandenborne, K. (2012). Relationships of thigh muscle contractile and non-contractile tissue with function, strength, and age in boys with Duchenne muscular dystrophy. *Neuromuscular Disorders*, 22(1), 16-25. (Impact 2.3)
15. \*Reynolds, S., Kreider, C., & **Bendixen, R.** (2012). A mixed-methods investigation of sensory response patterns in Barth Syndrome: A clinical phenotype? *American Journal of Medical Genetics Part A*, 158A:1647-1653. (Impact 2.25)
  16. **Bendixen, R.**, Senesac, C., Lott, D., & Vandenborne, K. (2012). Participation and quality of life in children with Duchenne muscular dystrophy using the International Classification of Functioning, Disability and Health. *Health & Quality of Life Outcomes*, 10(43). Retrieved from <http://www.hqlo.com/content/10/1/43>. (Impact 2.1).
  17. \*Lim, Y., Velozo, C., & **Bendixen, R.** (2014). The level of agreement between child self-reports and parent proxy-reports of health-related quality of life in boys with Duchenne muscular dystrophy. *Quality of Life Research*, 23(1) - DOI 10.1007/s11136-014-0642-7. (impact 2.49)
  18. **Bendixen, R.**, Lott, D., Senesac, C., Mathur, S., & Vandenborne, K. (2014). Participation in daily life activities and its relationship to strength and functional measures in boys with Duchenne muscular dystrophy. *Disability and Rehabilitation (early online)* – DOI 10.3109/09638288.2014.883444. (Impact 1.98)
  19. Meilleur, K., Jain, M., Hynan, L.S., Shieh, C., Kim, E., Waite, M., McGuire, M., ... **Bendixen, R.**,... & Bonneman, C. G. (2015) Results of a Two-Year Pilot Study of Clinical Outcome Measures in Collagen VI-related Myopathy and LAMA2-related Muscular Dystrophy. *Neuromuscular Disorders*, 25, 43-54. (Impact 2.96)
  20. Vohra, R., Lott, D., Mathur, S., Senesac, C., Deol, J., Germain, S., **Bendixen, R.**, Sweeney, H. L., Walter, G., & Vandenborne, K. (2015). Magnetic resonance imaging assessment of hypertrophic and pseudo-hypertrophic changes in lower leg muscles of boys with Duchenne muscular dystrophy and their relationship to functional measurements, *PLOS ONE* 10(6): e0128915. doi:10.1371. (Impact 3.36)
  21. Kreider, C., **Bendixen, R.**, & Lutz, B. (2015). Holistic needs of university students with invisible disabilities: A qualitative study (2015). *Physical and Occupational Therapy in Pediatrics*, 5(4), 426–441. DOI: 10.3109/01942638.2015.1020407 PMID: 25978113. (Impact 0.94)
  22. Kreider, C., **Bendixen, R.**, Mann, W. C., McCarty, C., & Young, M.E. (2015). Mixed-method exploration of social network links to participation (2015). *OTJR Occupation Participation Health*, 35(3), 151-159 DOI: 10.1177/1539449215578650 PMID: 26594737. (Impact 0.76)
  23. \*Reynolds, S., Kreider, C. M., Meeley, L.E., & **Bendixen, R.** (2015). Taste perception and sensory sensitivity: relationship to feeding problems in boys with Barth syndrome. *The Journal of Rare Disorders*, 3(1), 1-9. PMID: 26191532; PubMed Central PMCID: PMC4503373. (Impact 3.45)
  24. Bello, L., Gordish-Dressman, H., Morgenroth, L.P., Henricson, E.K., Duong, T., **CINRG Research Group.** (2015). Prednisone/prednisolone and deflazacort regimens in the CINRG Duchenne Natural History Study. *Neurology* 85(12), 1048-1055. doi: 10.1212/WNL.0000000000001950. (Impact 8.3)
  25. Kreider C., **Bendixen R.**, Young, M.E., Prudencio, S.M., McCarty, C., Mann, W.C. (2016). Social networks and participation with others for youth with learning, attention, and autism spectrum disorders. *Canadian Journal of Occupational Therapy*, Vol. 83(1) 14-26 DOI:10.1177/0008417415583107. (Impact 1.25)
  26. **Bendixen, R.**, Morgenroth, L, Clinard, K. (2016). Engaging participants in rare disease research: A qualitative study of Duchenne muscular dystrophy. *Clinical Therapeutics*, 38(6):1474-1484.e2. doi: 10.1016/j.clinthera.2016.04.001. (Impact 2.73)
  27. Fairman, A.D., **Bendixen, R.**, Younkin, H., & Krecko, J.R. (2016). Use of assistive technology with transition-aged youth. *SIS Quarterly Practice Connections*, 1(2).
  28. **Bendixen, R.**, Houtrow, A. (2016). Parental reflections on the diagnostic process of Duchenne muscular dystrophy: A qualitative study. *Journal of Pediatric Health*. doi: 10.1016/j.pedhc.2016.09.002. (Impact 1.65).
  29. Reynolds, S., Glennon, T., Ausderau, K., **Bendixen, R.**, Miller-Kuhaneck, H., Pfeiffer, B... Bodison, S. et al. (2017) Issue Is: supporting children with differences in sensory processing and integration through occupational therapy. *American Journal of Occupational Therapy*, 71(2). (Impact 2.0).
  30. **Bendixen, R.**, Butrum, J., Parks, R., Hobson, B., Nichols, C., Hsia, M., Elliott, J.S., Linton, M., Arveson, I., Tounkara, F., Harnett E., Punjabi, M., Donkervoort S., Dastgir, J., Leach, M., Rutkowski, A., Waite, M. Bonnemann, C., Jain, J., Meilleur, K. (2017). Upper extremity outcome measures for collagen VI-related myopathy and LAMA2-related muscular dystrophy. *Neuromuscular Disorders*, 27(3): 278-285. (Impact 2.96).
  31. Reynolds, S., Glennon T.J., Ausderau, K., **Bendixen, R.M.**, Kuhaneck, H., Pfeiffer, B., Watling, R., Wilkinson, K., Bodison, S.C. (2017). Using a multifaceted approach to working with children who have differences in sensory processing and integration. *American Journal of Occupational Therapy*, 71(2). doi: 10.5014/ajot.2017.019281 (Impact 2.0).

32. Batra, A., Deol, J., Lott, D.J., Senesac, C.R., **Bendixen, R.**, Mathur, S., Arpan, I., Walter, G., Vandenborne, K. (2017). Two-year longitudinal changes in strength and its relationship to function in a large cohort of children with Duchenne muscular dystrophy. *American Journal of Physical Medicine and Rehabilitation*. (Impact 1.7).
33. **Bendixen, R.**, Fairman, A., Karavolis, M., Sullivan, C., Parmanto, B. (2017). A user-centered approach: Understanding client and caregiver needs and preferences in the development of mHealth applications for self-management. *JMIR mHealth and uHealth*, 5(9):e141. doi: 10.2196/mhealth.7136. (Impact 4.63).
34. \*Caldwell, A., Skidmore, E., Raina, K., Rogers, J., Terhorst, L., Danford, C., **Bendixen, R.** (2017). Feasibility of the Mealtime PREP intervention for children with Sensory Food Aversions: A behavioral activation approach to parent-training. *American Journal of Occupational Therapy*. (Impact 2.0)
35. Guber, R., Kokkinis, A. Schindler, A., **Bendixen, R.**, Heatwole, C., Fischbeck, K. Grunseich, C. (2017). Patient-identified impact of symptoms in spinal and bulbar muscular atrophy. *Muscle and Nerve*, doi:10.1002/mus.25957. (Impact 2.6).
36. \*Caldwell, A.R., Terhorst, L., Skidmore, E.R. & **Bendixen, R.M.** (2018). Is frequency of family meals associated with fruit and vegetable intake among preschoolers? A logistic regression analysis. *Journal of Human Nutrition and Dietetics*, 31, 505–512. <https://doi.org/10.1111/jhn.12531> (Impact 2.4).
37. \*Lim, Y., Kreider, C.K., **Bendixen, R.M.** (2019). HRQoL in Barth Syndrome: Agreement between child self-reports and parent proxy-reports and its relationship to parental HRQoL. *Journal of Human and Clinical Genetics*, 1(2): 1-6.
38. \*\* Lawal, T.A., Todd, J.J., Elliott, J.S., Linton, M.M., Andres, M....**Bendixen, R.M.**, Meilleur, K.G. (2020). Assessing motor function in congenital muscular dystrophy patients using accelerometry. *Journal of Neuroscience Nursing*, 52(4).
39. \* Hartman, A., Terhorst, L., Little, N., **Bendixen, R.M.** (2020). Uncovering sleep in young males with Duchenne muscular dystrophy. *European Journal of Paediatric Neurology*, 26: 20-28. <https://doi.org/10.1016/j.ejpn.2020.02.012> (Impact 2.5).
40. Caldwell, A., Skidmore, E., **Bendixen, R.**, Terhorst, L. (2020). Examining child mealtime behavior as parents are coached to implement the Mealtime PREP intervention in the home: Findings from a pilot study. *British Journal of Occupational Therapy*, 83(10):631-637. doi:[10.1177/0308022620920086](https://doi.org/10.1177/0308022620920086) (Impact 0.6).
41. \*\*Capella-Peris, C., Emile-Backer, M., Shelton, M., Chrismer, I., Cosgrove, M., **Bendixen, R.**, Meilleur K. (2020). Development of a proxy-reported scale to assess motor function in infants and young children with early-onset neuromuscular disorders. *Journal of Clinical Nursing (online)* <https://doi.org/10.1111/jan.14687> (Impact 1.2).
42. Caldwell, A., Skidmore, E., Terhorst, L., Raina, K., Rogers, J., Danford, C., **Bendixen, R.** (2021) Promoting Routines of Exploration and Play during Mealtime: Estimated effects and identified barriers. *Occupational Therapy in Health Care* (accepted for publication).

**\*Trainee mentored to publication or senior author (\*\*co-senior author)**

#### **Published Abstracts**

43. Lott, D.J., **Bendixen, R.**, Mathur, S. Senesac, C., Kinsey, A., Vandenborne, K. (2009). Correlations between physical activity, function, and self-assessment of participation in children with Duchenne muscular dystrophy. *Medicine & Science in Sports and Exercise*, 41(5):541. (Impact 4.5)
44. Huang, Y., Li, C-Y, Huang, I-C, **Bendixen, R.**, Chen, K-L, Weng, W-C. (2013). The Cross-cultural adaptation and psychometric evaluation of the Children's Assessment of Participation and Enjoyment-Chinese Version. *Archives of Physical Medicine and Rehabilitation*, 94(10), e13-14. (Impact 30)
45. Meilleur, K., Elliott, J., Linton, M., Vuillerot, C., **Bendixen, R.**, Arveson, I., Tounkara, F., Waite, M., Nichols, C., Bonnemann, C. (2015). Validation of actigraph GT3X accelerometers in collagen 6-related muscular dystrophy and LAMA2-related muscular dystrophy. *Neuromuscular Disorders*, 25, sup2:S265-66. DOI: <http://dx.doi.org/10.1016/j.nmd.2015.06.289>. (Impact 2.96)
46. \*Clemens, P., Morgenroth, L., Clinard, K., **Bendixen, R.** (2015). Strategies for engaging the Duchenne muscular dystrophy community in research. *Neuromuscular Disorders*, 25(2), s301.DOI: 10.1016/j.nmd.2015.06.409. (Impact 2.96)
47. **Bendixen, R.**, Meilleur, K., Jain, M.S. (2015). Results from a three-year pilot study of clinical outcome measures in Congenital Muscular Dystrophy. *American Journal of Occupational Therapy*, 69. doi:10.5014/ajot.2015.69S1-RP301B. (Impact 2.0)
48. \*Reynolds, S., Kreider, C.M., **Bendixen, R.** (2015). Chemical taste sensitivity, food preferences, and feeding behaviors in children with Barth Syndrome. *American Journal of Occupational Therapy*, 69. doi:10.5014/ajot.2015.69S1-PO5079 (Impact 2.0)
49. \*Lim, Y., **Bendixen, R.**, Mann, W.C. (2016). Impact of children with rare diseases on the family. *American Journal of Occupational Therapy*, 70. doi:10.5014/ajot.2016.70S1-PO2008 (Impact 2.0)

50. Arveson, I., Shelton, M., Tonkura, F., **Bendixen, R.**, Meilleur, K. (2016). Development of a proxy motor outcome measurement scale in young children with neuromuscular disorders. *Neuromuscular Disorders*, 26(2), s148. DOI: <http://dx.doi.org/10.1016/j.nmd.2016.06.227>. (Impact 2.96)
51. Veldhuizen, O., Turner, C., Hails, M., **Bendixen, R.**, Straub, V. (2017). Developing digital tools for improving patient and family engagement in paediatric clinical research. *Neuromuscular Disorders*, 27(1):s42. (Impact 2.96)
52. **Bendixen R.**, Benevides T., Braverman B., Caldwell A., Ideishi R., Jirikowic T...Umeda C. (2017). Supporting societal occupational needs through population and organizational OT: Gain the knowledge and skills to expand your practice. *American Journal of Occupational Therapy*. (Impact 2.0)
53. \*Lim, Y., Kreider, C., **Bendixen, R.** (2017). Raising a child with congenital muscular dystrophy: Impact on the family. *American Journal of Occupational Therapy*, 71. doi:10.5014/ajot.2017.71S1-PO3019. (Impact 2.0)
54. Caldwell, A., **Bendixen, R.**, Terhorst, L., Danford, C., Skidmore, E. (2017). Examining the effects of the Mealtime PREP intervention for toddlers with Sensory Food Aversions. *American Journal of Occupational Therapy*, 71(4 Supplement 1), 7111515208p1-7111515208p1. (Impact 2.0)
55. Guber, R., Kokkinis, A., Schindler, A., **Bendixen, R.**, Heatwole, C., Fischbeck, K., Grunseich, C. (2017). A quality of life measurement for spinal and bulbar muscular atrophy. *Neurology*, 88(16), p3.126. (Impact 8.3)
56. **Bendixen, R.**, Anning J., Kelleher, A., Yuhas, M., Feltman, M., Lorenzin, D., Morizono, H., Hoffman, E. (2017). Exploring physical activity levels and sleep efficiency relationships among boys with Duchenne muscular dystrophy. *Neuromuscular Disorders*, 27, s234-35. (Impact 2.96)
57. **Bendixen, R.**, Kelleher, A., Little, N., Feltman, M. (2018). Circadian rhythms in young boys with Duchenne muscular dystrophy. *Neuromuscular Disorders*, 28(2):s39. (Impact 3.0)
58. **Bendixen, R.**, Kelleher, A., Feltman, M., Little N. (2018). Use of a powered arm support device for upper limb function in non-ambulatory men with Duchenne muscular dystrophy. *Neuromuscular Disorders*, 28(2):s125. (Impact 3.0)
59. **Bendixen, R.**, Hartman, A., Little, N., Feltman, M. Accelerometer prediction equations in boys with Duchenne muscular dystrophy: importance of disease-specific equations. *Neuromuscular Disorders*, 29(1):s107. (Impact 3.0)
60. Guglieri, M., Clemens, P., Haberlova, J., Horrocks, I., Selby, K., Webster, R.....**Bendixen, R.**, Hoffman, E. Vision DMD: a phase IIB randomized, double-blind, parallel group, placebo- and active-controlled study to assess the efficacy and safety of vamorolone in boys with Duchenne muscular dystrophy. *Neuromuscular Disorders*, 29(1):s165. (Impact 3.0)
61. \*Hartman, A., Smagula, S., **Bendixen, R.** (2020). Sleep and activity rhythms in children with Duchenne muscular dystrophy. *Sleep*, 43(supp1), A372. (Impact 4.8)

**\*Trainee mentored to publication or senior author**

**Articles Under Review**

1. \*Hartman, A., Elkhadrawi, M., McKendry, S., Akcakaya, M., **Bendixen, R.** Towards remote monitoring of dynamic arm supports for individuals with Duchenne muscular dystrophy using 3D accelerometry. *Expert Systems with Applications* (2020).
2. \*Hartman, A., Little, N., Yao-C., **Bendixen, R.** Parent sleep and its relationship to raising a child with DMD. *Sleep Health (special edition)*.
3. **Bendixen, R.**, Benevides, T., Ideishi, R., Smythe, R., Taylor, J., Umeda, C....Jirikowic, T. (2020) Community conversations: A summary of stakeholder-identified research priorities to foster community participation for individuals with intellectual and developmental disabilities. *Inclusion (resubmission)*
4. **Bendixen, R.**, Hartman, A., Smagula, S. Assessment of circadian rhythms in Duchenne muscular dystrophy. *Frontiers in Neurology* (2021).

**\*Trainee mentored to publication or senior author**

**Articles in Development**

5. \*Heil, R., Stover, A., **Bendixen, R.** Disconnect between healthcare professionals and parents of children with Down syndrome over the child's lifespan.

**\*Trainee mentored to publication or senior author**

**INVITED PAPERS, PROCEEDINGS OF CONFERENCES, SYMPOSIA, MONOGRAPHS, BOOKS, BOOK CHAPTERS**

**Invited Papers**

1. **Bendixen, R.** & Kreider, C. (2011). Centennial Vision: Review of occupational therapy research in the practice area of children and youth. *American Journal of Occupational Therapy*, 65(3), 351-359.

2. Reynolds, S, Kreider, C, & **Bendixen, R.** (2011). Sensory-based issues in children with Barth Syndrome. *Barth Syndrome Journal*, 11(2), 9.
3. \*Kreider, C, **Bendixen, R.** Huang, Y, & Lim, Y. (2013). Centennial Vision—Review of occupational therapy intervention research in the practice area of children and youth 2009-2013. *American Journal of Occupational Therapy*, 68, e61–e73. <http://dx.doi.org/10.5014/ajot.2014.011114>.
4. \*Hartman, A.G., Bodison, S., & **Bendixen, R.** (2021). Sleep and Sensory Processing: Recognising the Relationship. *SensorNet*, 57, 25-28.

**\*Trainee mentored to publication or senior author**

**Books and Book Chapters**

1. **Bendixen, R.**, Mann, W, & Tomita, M. (2005). Relationship of home range to functional status and cognitive status of frail elders. In W.C. Mann (Ed.), *Community Mobility: Driving and Transportation Alternatives for Older Persons*. New York: Hawthorn Press.
2. Johnson, J, & **Bendixen, R.** (2005). Telehealth. In W.C. Mann (Ed.), *Smart Technology for Independence, Aging and Disability: The State of the Science*, Vol. 1. New York: Wiley.
3. Ferdig, RE, Amberg, HG, Elder, JH, Donaldson, SA, Valcante, G, **Bendixen, R.** (2011). Autism and family interventions through technology: A description of a web-based tool to educate fathers of children with autism. In Ng, E.M.W, Karacapilidis, N., & Raisinghani, M. (Eds.), *Dynamic advancements in teaching and learning based technologies: New concepts* (pp. 232-246). Hershey, PA: IGI Publishing.

**OTHER PUBLICATIONS**

**Recognition of Scholarly Works**

1. **Bendixen, R.,** Fairman, A., Karavolis, M., Sullivan, C., Parmanto, B. (2017). A user-centered approach: Understanding client and caregiver needs and preferences in the development of mHealth applications for self-management. *JMIR mHealth and uHealth*, 5(9):e141. doi: 10.2196/mhealth.7136.
  - Picked up by Xtelligent Media; published in *Patient Engagement HIT*, Sept. 28, 2017. <https://patientengagementhit.com/news/what-do-patients-want-in-self-management-mhealth-apps>
2. **Bendixen, R.** Understanding Duchenne muscular dystrophy. University of Pittsburgh, School of Health and Rehabilitation Sciences – Snapshot on research: <https://www.shrs.pitt.edu/videos/understanding-duchenne-muscular-dystrophy>

**DISSERTATION**

1. **Bendixen, R.** *Assessment of a Telerehabilitation and a Telehomecare Program for Veterans with Chronic Illnesses*. University of Florida, Gainesville, FL; December 2006

**INVITED LECTURES AND PEER-REVIEWED SEMINARS**

**Peer Reviewed:**

**International**

1. **Bendixen, R.,** Mann, W., & Chumbler, N. Care Coordination and Technology to Promote Independence. International Conference on Aging, Disability, and Independence, Washington, DC, December 3-5, 2003.
2. **Bendixen, R.,** Mann, W., & Chumbler, N. Home Monitoring for Veterans with Low ADL Performance. High Technology Pre-conference Intensive on Device and Computer Usability, International Conference on Aging, Disability, and Independence, Washington, DC, December 3-5, 2003.
3. **Bendixen, R.,** Mann, W., & Levy, C. Home Monitoring for Veterans with Low ADL Performance. RESNA 27th International Conference on Technology & Disability, Orlando, FL, June 19-21, 2004 (interactive poster presentation).
4. **Bendixen, R.,** Usiak, D., & Mann, W. Centers for Independent Living Pathfinder for Services & Programs for Older Americans. International Conference on Aging, Disability and Independence, St. Petersburg, FL, February 1-4, 2006.
5. **Bendixen, R.** Telerehabilitation as a Novel Mechanism to Reduce Healthcare Costs and Enhance Functional Performance. International Conference on Aging, Disability and Independence, St. Petersburg, FL, February 1-4, 2006.
6. \*Kreider, C. & **Bendixen, R.** Mixed Methods Analysis of the Needs of Post-secondary Students with Disability. Seventh International Congress of Qualitative Inquiry, University of Illinois Urbana-Champaign, IL, May 18-21, 2011.
7. \*Kreider, C. & **Bendixen, R.** Understanding and Broadening Post-secondary Participation and Educational Support for

Students with Disability. Seventh International Congress of Qualitative Inquiry, University of Illinois Urbana-Champaign, IL, May 18-21, 2011.

8. **Bendixen, R.** & Kreider, C. Assessing the Link between Health and Social Networks of Youth with Disability. Seventh International Congress of Qualitative Inquiry, University of Illinois Urbana-Champaign, IL, May 18-21, 2011.
9. \*Kreider, C., Reynolds, S & **Bendixen, R.** Sensory Processing in Boys with Barth Syndrome. Interactive presentation to Barth Syndrome Foundation 6th International Scientific, Medical & Family Conference. St. Pete Beach, FL, June 25-30, 2012.
10. Meilleur, K., Jain, M., Kim, E., Shieh, C., Waite, M., Hynan, L., **Bendixen, R.** et al. Clinical Outcome Measures in Collagen 6 related myopathy (COL6-RM) and Laminin  $\alpha$  related dystrophy (LAMA2-RD). 17th International World Muscle Society Congress, Perth, Australia, October 9-13, 2012.
11. \*Morgenroth, L., Clinard, K., **Bendixen, R.** Strategies for Engaging the Duchenne Muscular Dystrophy Community in Research. 20<sup>th</sup> International World Muscle Society Congress, Brighton, UK, September 30-October 4, 2015.
12. **Bendixen, R.**, Morgenroth, L., Clinard, K. Incentives and Barriers to Participation in Research for Parents of Children with Rare Disease. 21<sup>st</sup> Qualitative Health Research Conference, Toronto, Canada, October 19-21, 2015.
13. Turner, C., Veldhuizen, O., Hails, M., **Bendixen, R.**, Straub, V. Developing digital tools for improving patient and family engagement and data collection in paediatric clinical research. The European Conference on Rare Diseases & Orphan Products, Edinburgh, Scotland, May 26-28, 2016.
14. **Bendixen, R.**, Feltman, M., Yuhas, M., Anning, J., Little, N., Kelleher, A. Exploring physical activity and sleep efficiency relationships among young boys with DMD. 22<sup>nd</sup> International World Muscle Society Congress, Saint Malo, France, October 3-5, 2017.
15. **Bendixen, R.** Exploring Upper Extremity Powered Arm Support Devices in Duchenne Muscular Dystrophy. 2nd Annual Workshop on Upper Extremity Assistive Technology for People with Duchenne Muscular Dystrophy (DMD), University of California Irvine, January 22-23, 2018.
16. **Bendixen, R.**, Feltman, M., Little, N., Kelleher, A. Circadian Rhythms in Young Boys with Duchenne Muscular Dystrophy. 23<sup>rd</sup> International World Muscle Society Congress, Mendoza, Argentina, October 2-6, 2018.
17. **Bendixen, R.**, Feltman, M., Little, N., Hartman, A. Use of a Powered Arm Support Device for Upper Limb Function in Non-Ambulatory Men with Duchenne Muscular Dystrophy. 23<sup>rd</sup> International World Muscle Society Congress, Mendoza, Argentina, October 2-6, 2018.
18. **Bendixen, R.**, Hartman, A., Little, N., Feltman, M. Accelerometer prediction equations in boys with Duchenne muscular dystrophy: importance of disease specific equations. 24<sup>th</sup> International World Muscle Society Congress, Copenhagen, Denmark, October 2-5, 2019.

*\*Trainee mentored to presentation or senior author*

### **National**

1. **Bendixen, R.**, & Mann, W. Care Coordination to Promote Independence through the Low ADL Monitoring Program (LAMP). American Occupational Therapy Association 84<sup>th</sup> Annual Conference, Minneapolis, MN, May 20-23, 2004.
2. **Bendixen, R.**, & Witte, M. OT Participation in Consumer Information Dissemination and Support: The University of Florida AlzOnline Project. American Occupational Therapy Association 86<sup>th</sup> Annual Conference, Charlotte, NC, April 27-30, 2006 (interactive poster presentation).
3. **Bendixen, R.** Two Models of Care Coordination for Chronically Ill Veterans Compared to Standard Care: Health, Functional Status, and QOL Outcomes. Care Coordination/ Home Telehealth Leadership Forum, Denver, CO, June 2-7, 2006 (interactive poster presentation).
4. Shechtman, O., Classen, S., Stephens, B., Davis, E., **Bendixen, R.**, Belchior, P., Sandhu, M., McCarthy, D., Mann, W. The Impact of Intersection Design on Simulated Driving Performance of Young and Senior Adults. 4<sup>th</sup> Annual STISIM Drive User Group Meeting: New Approaches to Simulation and the Older Operator, Boston, MA, October 27, 2006.
5. Classen, S., Shechtman, O; Stephens, B., Davis, E., **Bendixen, R.**, Belchior, P., Sandhu, M., Justiss, M., Posse, C., McCarthy, D., Mann, W. The Impact of Roadway Intersection Design on Driving Performance of Young and Senior

- Adults. Gerontological Society of America's 59<sup>th</sup> Annual Scientific Meeting, Dallas, TX, November 16-23, 2006 (interactive poster presentation).
6. **Bendixen, R.** Telerehabilitation Reduces Healthcare Costs and Enhances Functional Performance of Chronically Ill Elders. Gerontological Society of America's 59<sup>th</sup> Annual Scientific Meeting, Dallas, TX, November 16-23, 2006.
  7. **Bendixen, R.** Occupational Therapy's Role in Prevention and Treatment of Childhood Obesity. American Occupational Therapy Association's 88<sup>th</sup> Annual Conference, Long Beach, CA, April 10-13, 2008.
  8. **Bendixen, R.** In-Home Training for Fathers of Children with Autism. American Occupational Therapy Association's 88<sup>th</sup> Annual Conference, Long Beach, CA, April 10-13, 2008.
  9. **Bendixen, R.,** Senesac, C., Mathur, S., Lott, D. & Vandenborne, K. Interrelationships between Function, Participation and Quality of Life in Boys with Duchenne Muscular Dystrophy. American Physical Therapy Association Combined Sections Meeting 2009, Las Vegas, NV, February 9-12, 2009 (interactive poster presentation).
  10. **Bendixen, R.,** Senesac, C., Mathur, S., Lott, D., Deol, J., & Vandenborne, K. Impact of Muscle Dysfunction on Participation and Quality of Life in Boys with Duchenne Muscular Dystrophy. Society for Research in Child Development 2009 Meeting, Denver, CO, April 2-5, 2009 (interactive poster presentation).
  11. **Bendixen, R.,** Senesac, C., Mathur, S., Lott, D., Deol, J., & Vandenborne, K. Relationships between Strength, Function, Participation in Activities and Quality of Life in Ambulatory Boys with Duchenne Muscular Dystrophy. American Occupational Therapy Association 2009 Annual Conference, Houston, TX, April 23-26, 2009.
  12. Lott, D., **Bendixen, R.,** Senesac, C., Mathur, S., Kinsey, A., & Vandenborne, K. Correlations between Physical Activity, Function, and Self-Assessment of Participation in Children with Duchenne Muscular Dystrophy. American College of Sports Medicine 2009 Annual Conference, Seattle, WA, May 27-30, 2009 (interactive poster presentation).
  13. **Bendixen, R.,** Senesac, C., Lott, D., Deol, J., & Vandenborne, K. Impact of Muscle Dysfunction on Self-Report of Participation and Quality of Life in Boys with Duchenne Muscular Dystrophy. American Physical Therapy Association Combined Sections Meeting, San Diego, CA, February 17-20, 2010 (interactive poster presentation).
  14. **Bendixen, R.,** Senesac, C., Lott, D., Deol, J., & Vandenborne, K. Impact of Muscle Dysfunction on Physical Activity and Self-Assessment of Participation in Children with Duchenne Muscular Dystrophy. American Occupational Therapy Association 2010 Annual Meeting, Orlando, FL, April 28-May 2, 2010.
  15. Senesac, C., **Bendixen, R.,** & Richardson, B. Learning from Darius: Important Lessons for Future Health Professionals. National AHEC Organization, Las Vegas, NV, June 20-24, 2010.
  16. Lawrence, T., Reynolds, S.R., **Bendixen, R.,** & Lane, S.J. Activity Participation and Competence in Children with Autism Spectrum Disorder: A Mixed Methods Approach. American Occupational Therapy Association 2011 Annual Meeting, Philadelphia, PA, April 14-17, 2011.
  17. \*Kreider, C. & **Bendixen R.** Occupational Performance Beyond the Classroom: The Needs of Post-Secondary Students with Disability. American Occupational Therapy Association 2012 Annual Meeting, Indianapolis, IN, April 26-29, 2012.
  18. **Bendixen, R.,** Senesac, C., Lott, D., & Vandenborne, K. Evaluating Participation and Quality of Life in Boys with Duchenne Muscular Dystrophy. American Occupational Therapy Association, Indianapolis, IN, April 26-29, 2012.
  19. **Bendixen, R.** Participation in Daily Life Activities and its Relationship to Strength and Functional Measures in Boys with Duchenne Muscular Dystrophy. 2<sup>nd</sup> Annual Occupational Therapy Summit of Scholars, Chicago, IL, May 10-11, 2013.
  20. **Bendixen, R.,** & Iglesias, K. Parent's Experience with Health Care Providers within their Child's Diagnosis of Duchenne Muscular Dystrophy. American Occupational Therapy Association 2014 Annual Meeting, Baltimore, MD, April 3-6, 2014.
  21. Richards L., **Bendixen R.,** D'Amico M., Doucet B., Mulcahey M.J., Smith D., Page S., Daunhauer L. Getting Your Research Published. American Occupational Therapy Association 2015 Annual Meeting, Nashville, TN, April 16-20, 2015.
  22. **Bendixen R.,** Meilleur K., Jain M., Bonnemann C. Results from a Two-Year Pilot Study of Clinical Outcome Measures in Congenital Muscular Dystrophy. American Occupational Therapy Association 2015 Annual Meeting, Nashville, TN,

April 16-20, 2015

23. Elliott J., Linton M., Vuillerot C., **Bendixen R.**, Arveson I., Tounkara F...Meilleur K. Validation of Actigraph GT3X Accelerometers in Collagen VI-Related Muscular Dystrophy and LAMA2-Related Muscular Dystrophy. MDA Scientific Conference (interactive poster presentation), March 11-14, 2015, Washington, DC.
24. \*Clinard K., Morgenroth L., **Bendixen R.** Strategies for Engaging the Duchenne Muscular Dystrophy Community in Research. MDA Scientific Conference (interactive poster presentation), March 11-14, 2015, Washington, DC.
25. \*Clinard, K., Morgenroth, L., **Bendixen, R.** Research Participation in the Duchenne Muscular Dystrophy Community: Parent Perceived Barriers and Their Impact on Families. National Society of Genetic Counselors 34th Annual Education Conference, October 21-24, 2015 Pittsburgh, PA.
26. Richards, L., Classen, S., Page, S., Alvarez, L., **Bendixen, R.**, D'Amico, M., Jirikowic, T., Doucet, B., Smith, D. AJOT and OTJR Editors Share Tips to Get Your Manuscript Published. American Occupational Therapy Association 2016 Annual Meeting, Chicago, IL, April 7-10, 2016.
27. \*Lim, Y., Mann, W., **Bendixen, R.** Impact of Children with Rare Diseases on the Family. American Occupational Therapy Association 2016 Annual Meeting, Chicago, IL, April 7-10, 2016.
28. **Bendixen, R.**, Morgenroth, L., Clinard, K. Strategies for Engaging the Duchenne Muscular Dystrophy Community in Research. American Occupational Therapy Association 2016 Annual Meeting, Chicago, IL, April 7-10, 2016.
29. Coker-Bolt, P., **Bendixen, R.**, Pfeiffer, E. Does Therapy Dosage Matter? Applying Current Research to Enhance Pediatric Practice. American Occupational Therapy Association 2016 Annual Meeting, Chicago, IL, April 7-10, 2016.
30. **Bendixen, R.**, Benevides, T., Braverman, B., Caldwell, A., Ideishi, R., Jirikowic, T., Kearney, P., Pfeiffer, E., Pitonyak, J., Rosage, L., Umeda, C. Supporting Societal Occupational Needs through Population and Organizational OT: Gain the knowledge and skills to expand your practice. Pre-Conference Institute, American Occupational Therapy Association 2017 Annual Meeting, Philadelphia, PA, March 28-April 2, 2017.
31. Caldwell, A., **Bendixen, R.**, Terhorst, L., Danford, C., Skidmore, E. Examining the Effects of the Mealtime PREP Intervention for Toddlers with Sensory Food Aversions. Scientific Research Panel, American Occupational Therapy Annual Conference, Philadelphia, PA, March 28- April 2, 2017.
32. \*Lim, Y., Kreider, C., **Bendixen, R.** Raising a Child with Congenital Muscular Dystrophy: Impact on the Family. American Occupational Therapy Association 2017 Annual Meeting, Philadelphia, PA, March 28-April 2, 2017.
33. Classen, S., Richards, L., Alvarez, L., **Bendixen, R.**, Page, S., Persch, A., Baker, N. (AOTF/AOTA) Demystifying Peer Review for OTJR and AJOT Readers: Editors and Reviewers Tell It All. American Occupational Therapy Association 2017 Annual Meeting, Philadelphia, PA, March 28-April 2, 2017.
34. Cernich, A., Brininger, T., Magasi, S., **Bendixen, R.**, Gill, S., Khetani, M., Liew, S-L., Pineda, B., Radomski, M. National Center for Medical Rehabilitation Research: NIH Research Agenda and Updates from USAMRMC; Occupational Therapy Career Scientist Panel. American Occupational Therapy Association 2017 Annual Meeting, Philadelphia, PA, March 28-April 2, 2017.
35. \*Caldwell A, Skidmore E, Terhorst L, Danford C, **Bendixen R.** Feasibility and acceptability of the Mealtime PREP intervention for young children with Sensory Food Aversions. OT Summit of Scholars; Boston, MA; June 2-3, 2017.
36. \*Anning, J., Yuhas, M., Feltman, M., Sweeney, D., Kelleher, A. **Bendixen, R.** Monitoring physical activity level and sleep pattern relationships among boys with Duchenne muscular dystrophy using a fitness band. National Strength and Conditioning Association Annual Meeting, Las Vegas, NV, July 13-16, 2017.
37. \*Anning, J., Yuhas, M., Feltman, M., Sweeney, D., Kelleher, A. **Bendixen, R.** Case Study: Using raw data from a portable fitness-tracking device gyroscope to identify stair climbing movement patterns among boys with Duchenne muscular dystrophy. National Strength and Conditioning Association Annual Meeting, Las Vegas, NV, July 13-16, 2017.
38. \*Feltman, M., Yuhas, M., Sweeney, D., Anning, J., Morizono, H., Kim, D.K., Kelleher, A., **Bendixen, R.** Sleep efficiency in younger and older boys with Duchenne muscular dystrophy. Parent Project Muscular Dystrophy Annual Connect Conference, Chicago, IL June 29-July 2, 2017.
39. \*Yuhas, M., Feltman, M., Sweeney, D., Anning, J., Morizono, H., Kim, D.K., Kelleher, A., **Bendixen, R.** Vamorolone 2a

extension trial and use of MS band as an outcome measure in boys with Duchenne muscular dystrophy. Parent Project Muscular Dystrophy Annual Connect Conference, Chicago, IL June 29-July 2, 2017.

40. Caldwell, A., **Bendixen, R.**, Skidmore, E., & Terhorst, L. Promoting routines of exploration and play during mealtimes: Effects on child behavior. 2017 Society for Developmental & Behavioral Pediatrics Annual Meeting, Cleveland, OH, October 14, 2017.
41. **Bendixen, R.** Measuring outcomes in the real world: Investigations into mobile health technology. Invited lecture: Muscular Dystrophy Association Annual Meeting, Pittsburgh, PA, November 4, 2017.
42. **Bendixen, R.**, Kelleher, A., Feltman, M., Little, N. Monitoring physical activity levels and sleep pattern relationships in boys With Duchenne muscular dystrophy. American Association of Occupational Therapy Annual Meeting, Salt Lake City, UT, April 19-22, 2018.
43. Fairman, A., **Bendixen, R.**, Dicianno, B., Parmanto, B. Development of the interactive mobile health and rehabilitation system: Version 2.0. American Association of Occupational Therapy Annual Meeting, Salt Lake City, UT, April 19-22, 2018.
44. \*Little, N., Feltman, M., Hartman, A., Silverman, N., **Bendixen, R.** Algorithms to categorize levels of activity in boys with Duchenne muscular dystrophy. American Association of Occupational Therapy Annual Meeting, New Orleans, LA, April 3-7, 2019.
45. \*Feltman, M., Little, N., Hartman, A., **Bendixen, R.** Use of dynamic arm supports in individuals with upper extremity weakness: Passively actuated and actively actuated devices – Technology Workshop. American Association of Occupational Therapy Annual Meeting, New Orleans, LA, April 3-7, 2019.
46. \*Hartman, A.G., Smagula, S.F. & **Bendixen R.** Sleep and Activity Rhythms in Children with Duchenne Muscular Dystrophy (interactive poster presentation). 34<sup>th</sup> Annual Meeting of the Associated Professional Sleep Societies, virtual conference, August 27-30, 2020.
47. \*Hartman, A., Bendixen R. Understanding the Link: Sleep and Sensory Processing. (Short course) American Occupational Therapy Association Annual Conference, virtual. April 7, 2021
48. Ideishi, R., **Bendixen, R.**, Benevides, T., Smythe, R., Jirikowic, T. Individuals with Intellectual and Developmental Disabilities: Stakeholder Development and Engagement in Research. 2021 OT Summit of Scholars, June 23, 2021.
- 49.

***\*Trainee mentored to presentation or senior author***

**State**

50. **Bendixen, R.**, Mann, W., & Chumbler, N. Low ADL Monitoring Program: Combining Traditional and Advanced Technologies to Promote Independence for Veterans with Activities of Daily Living (ADL) Dependence. Care Coordination and Telehealth Leadership Forum, St. Petersburg, FL, February 5-7, 2003 (interactive poster presentation).
51. **Bendixen, R.**, Mann, W., & Chumbler, N. Telerehabilitation through Project LAMP. American Telehealth Association Remote Telemonitoring and Home Telehealth Forum, Ft. Lauderdale, FL, September 14-16, 2003.
52. **Bendixen, R.**, Mann, W., Chumbler, N., & Levy, C. Care Coordination and Technology to Promote Independence through Project L.A.M.P. Care Coordination and Telehealth Leadership Forum 2004, St. Petersburg, FL, February 16-18, 2004 (interactive poster presentation).
53. **Bendixen, R.**, & Loomis, J. Practical Information for Caregivers of Persons with Alzheimer's Disease-A web-based approach. Department of Elder Affairs 2004 Best Practices Exchange, Tampa, FL, December 8-9, 2004.
54. \*Huang, Y.Y., **Bendixen, R.** The impact of Duchenne muscular dystrophy on parents' quality of life and family functioning. 2011 Florida Occupational Therapy Association poster presentation.
55. \*Kreider, C. & **Bendixen, R.** PPHP Research Day (2011) Poster Presentation: Quality of life in boys with Barth syndrome: Through parent and child report. Gainesville, FL
56. \*Lim, Y. & **Bendixen, R.** The impact of Duchenne muscular dystrophy on parents' quality of life and family functioning 2011 Florida Occupational Therapy Association poster presentation.
57. Kreider, C., **Bendixen R.** & Mann, W. Addressing Broad-Ranged Needs of College Students with Learning Disability:

A Comprehensive Program Providing Personal, Interpersonal and Environmental Supports at the University of Florida. Interactive presentation to Florida Occupational Therapy Association 2012 Conference, Tampa, FL, November 2-3, 2012.

58. \*Lim, Y. & **Bendixen, R.** Participation and function in boys with Duchenne muscular dystrophy and the impact on their family. PHHP Research Day (2012) Poster Presentation, Gainesville, FL.
59. \*Lim, Y. & **Bendixen, R.** Quality of life in boys with Barth syndrome: Comparison of child self-report and parent-proxy report. Barth Syndrome International Scientific, Medical & Family Conference poster presentation.
60. \*Lim, Y. & **Bendixen, R.** Social participation of a boy with Duchenne muscular dystrophy and his family: A qualitative analysis. Florida Occupational Therapy Association (2012) poster presentation.
61. \*Huang, Y.Y., **Bendixen, R.** The impact of Duchenne muscular dystrophy on parents' quality of life and family functioning. 2012 PHHP Research Day Poster Presentation:
62. \*Huang, Y.Y., **Bendixen, R.** The impact of Duchenne Muscular Dystrophy on parents' health related quality of life and family functioning. 2012 Florida Occupational Therapy Association poster presentation.
63. \*Huang, Y.Y., **Bendixen, R.** Health-related Quality of Life and Family Impact for Parents Raising a Child with Duchenne Muscular Dystrophy. 2013 PHHP Research Day (2013) Poster Presentation.
64. \*Lim, Y. & **Bendixen, R.** The Level of Agreement between Child Self-reports and Parent Proxy-reports of Health Related Quality of Life for Boys with Duchenne Muscular Dystrophy. PHHP Research Day (2013) Poster Presentation: Received Research Award for best poster.

**\*Trainee mentored to presentation or senior author**

***Invited Lectures: National***

1. **Bendixen, R.** *AOTA / AOTF Workshop-Innovative Research and the Career Pathways of Scientists.* American Occupational Therapy Association 2009 Annual Conference, Houston, TX, April 23-26, 2009.
2. **Bendixen, R.** *AOTA/AOTF Workshop for Early Career Scientists.* American Occupational Therapy Association 2010 Annual Conference, Orlando, FL, April 28-May 2, 2010.
3. **Bendixen, R.** *Developing and Measuring "Real World" Concepts.* Building Bridges in Intervention Research - 2016 Occupational Therapy Research Summit, Pittsburgh, PA, May 21-22, 2016.
4. **Bendixen, R.** *Developing and Measuring Real World Concepts in Duchenne Muscular Dystrophy using Actigraphy.* 2018 NINR Precision Health: Smart Technologies, Smart Health Boot Camp, National Institutes of Health, Rockville, MD, July 23-27, 2018.
4. **Bendixen, R.** *AOTF Workshop - Building Evidence to Improve Practice & Health - Engaging Community Stakeholders as Research Team Members.* 2019 American Association of Occupational Therapy Annual Meeting, New Orleans, LA, April 3-7, 2019.
5. **Bendixen, R.** *Circadian Rhythm Dysfunction in Young Boys with Duchenne Muscular Dystrophy.* 2019 Muscular Dystrophy Association Conference, Orlando, FL, April 14-18, 2019.

***State, Regional***

1. **Bendixen, R.** *Home Modifications for Post-Stroke Survivors: Making Your Home More Stroke Friendly;* Brain Rehabilitation Research Center (BRRRC), V.A. Medical Center, July 16, 2004, Gainesville, FL.
2. Witte, M. & **Bendixen, R.** *Occupational Therapy and Fall Prevention;* University of Florida, College of Pharmacy: Geriatric Drug Use and Long-term Care Course, April 5, 2005, Gainesville, FL.
3. **Bendixen, R.** *Assistive Technology and Environmental Modifications;* University of Florida, College of Public Health & Health Professions, Department of Rehabilitation Counseling: Medical and Psychosocial Aspects of Disability Course, September 15, 2005, and September 12, 2006, Gainesville, FL.
4. **Bendixen, R.,** & Witte, M. *Occupational Therapy for Adults with Chronic Disease.* 2006 Myositis Annual Meeting, August 31-September 2, 2006, Orlando, FL.

5. Mann, W., & **Bendixen, R.** *Looking to the Future of People Aging with a Disability: The "Smart Home"*. The State of the Science Conference on Aging with a Disability: Implications for Practice, Research and Policy, Portland, OR, September 7-8, 2006.
6. **Bendixen, R.**, & Witte, M. *Caregiver Activities for the Person with Dementia*; Alzheimer's Association of North Florida, October 23, 2007, Gainesville, FL.
7. **Bendixen, R.** *Bachelor of Health Science Honors Seminar: Presentation of current research to support senior honors students*. University of Florida, College of Public Health & Health Professions, Spring 2009-present.
8. **Bendixen, R.** *Current Research in Duchenne Muscular Dystrophy*. Rotary Club of Gainesville, Florida, September 1, 2009.
9. Senesac, C., **Bendixen, R.** & Hermson, M. *Duchenne Muscular Dystrophy- Innovative Research Designs AND DARIUS GOES WEST*. Shands Hospital/UF Physical Therapy Rehabilitation Seminar Series, July 23, 2009, University of Florida, Gainesville, FL.
10. **Bendixen, R.** and Brown, S. *Current Trends in Pediatric Research*. Brooks Rehabilitation Institute of Higher Learning Scientific Series, Jacksonville, FL, June 26, 2013.
11. **Bendixen, R.** *Patient Reported Outcome Measures for Practice & Research*. Communication Science & Disorders Seminar Series, University of Pittsburgh, Pittsburgh, PA, February 3, 2014.
12. **Bendixen R.** *Current Trends in Research in Duchenne Muscular Dystrophy*. Georgia Institute of Technology, Rehabilitation Science Doctoral Students, November 25, 2014.
13. **Bendixen, R.** *Use of Multi-Sensory Physical Activity Devices for Outcome Measures in Duchenne Muscular Dystrophy*. Pittsburgh Clinical Trial Regional Roundtable, Pittsburgh, PA, September 12, 2015.
14. **Bendixen, R.** *Faculty Development, Research Trajectory and Future Career Planning*. Phi Theta Epsilon Meet and Greet, University of Pittsburgh, Pittsburgh, PA, June 15, 2016.
15. **Bendixen, R.** *American Medical Student Association Research Fair*, University of Pittsburgh, Pittsburgh, PA, March 24, 2017.
16. **Bendixen, R.** *Measuring Outcomes in the Real World: Investigations in Mobile Health Technology*. Muscular Dystrophy Association Annual Meeting, Pittsburgh, PA, November 4, 2017.
17. **Bendixen, R.** *Measurement and Real World Outcomes in Duchenne Muscular Dystrophy*. SHRS Doctoral Seminar, Pittsburgh, PA, January 2019.
18. **Bendixen, R.** *Logic Models*. SHRS Doctoral Seminar, Pittsburgh, PA, February 2020.
19. **Bendixen, R.** *Circadian Rhythm Dysfunction in Young Boys with DMD*. Department of Neurology Panther Grand Rounds, Pittsburgh, PA, April 2020.
20. **Bendixen, R.** *The Culture of Quality in Health Care*. LEND Presentation, Pittsburgh, PA, April 2021.

**Invited Webinars:**

1. **Bendixen, R.**, Schnell, B., Peay, H. *Diagnosis and Intervention in Early-Onset Neuromuscular Disorders*. AOTA Special Interest Section, July, 2009.
2. **Bendixen, R.**, and Fairman, A. *Use of Assistive Technology with Transition-Aged Youth*. AOTA Technology Special Interest Section, May 13, 2016.

**GRANT FUNDING**

***Current Grant Support***

<u>Grant Number</u>	<u>Grant Title</u>	<u>Project Role</u>	<u>Years Inclusive</u>	<u>Source</u>
1. Foundation 715616	Addressing Sleep Health in the Battle Against Duchenne Muscular Dystrophy: A Transdiagnostic Intervention	Principal Investigator, 15%	2020-2021	Foundation to Eradicate Duchenne

2.	Foundation	Sleep Efficiency in Boys with DMD and the Caregivers	Principal Investigator, 25%	2017-2020	Foundation to Eradicate Duchenne
3.	PCORI EAIN5694	Individuals with Intellectual and Developmental Disability: Participation, Health and Wellbeing	Co-Principal Investigator, 10%	2017-2020	PCORI-EAIN
4.	Foundation	Use of a Powered Arm Support Device for Upper Limb Function in Non-Ambulatory Men with Duchenne Muscular Dystrophy	Principal Investigator, 25%	2018-2020	Foundation to Eradicate Duchenne
5.	R44 NS095423	Pivotal Trial of Vamorolone in Duchenne Muscular Dystrophy	Co-Investigator Project PI, 25%	2018-2020	NIH/National Institute for Neurological Disorder & Stroke
6.	Intramural	Rehabilitation Institute Pilot Grant Sleep Training Award	Principal Investigator	2019-2021	UPMC Rehab Institute
7.	1R03HD101 746-01A1	Development and Initial Validation of a Caregiver-Report Measure of Rehabilitation Utilization, the Rehabilitation Utilization Measure (RUM)	Co-Investigator (PI: A. Tremble)	2021-2023	NIH/NICHD

***Pending Grant Support (submitted)***

<u>Grant Number</u>	<u>Grant Title</u>	<u>Project Role, Effort</u>	<u>Years Inclusive</u>	<u>Source</u>
R01	Sleep Health Dysfunction and the use of a Transdiagnostic Sleep Intervention in DMD	Principal Investigator	2021-2025	NICHD/ NCMRR

<b><i>Completed Grant Support</i></b>	<b><i>Grant Title</i></b>	<b><i>Project Role, Effort</i></b>	<b><i>Years Inclusive</i></b>	<b><i>Source</i></b>
1. R01 NR004297	Fathers as In-Home Trainers of Autistic Children	Co-Investigator	2007-2009	NIH-NINR
2. State (Florida)	Tobacco-Free Center for Independent Living	Consultant	2008	Area Health Education Center
3. Internal	A Global Metabolomic Approach to Pediatric Neuro-Metabolomic Disorders.	Co-Investigator,	2008-2009	University of Florida (CTSI)
4. K12 HD055929	Rehabilitation Research Career Development Program Award	Scholar	2008-2013	NCMRR/ NINDS
5. Internal	Perspectives of Activity Participation and Social Environmental Factors in Families with Boys with DMD	Principal Investigator	2009-2012	Public Health & Health Professions Demonstration Project (UF)
6. Internal	Needs Assessment and Implementation of Rehabilitation	Principal Investigator	2012-2013	Public Health & Health Professions Collaboration Award
7.K01 HD064778	Comprehensive Assessment of the Impact of Illness and Disability in Children	Principal Investigator	2010-2016	National Institute of Child Health & Human Development
8. Foundation 709537	Strategies for Engaging the Duchenne Muscular Dystrophy Community in Research	Principal Investigator	2014-2016	Foundation to Eradicate Duchenne
9. R34MH100253	Behavior Treatment of Feeding In Autism	Co-Investigator	2013-2018	NIH/National Institute for Mental Health
10. Foundation	Use of Microsoft Bands as a Clinical Outcome Measure in Boys with DMD -VBP 15-003 clinical trial parallel study	Principal Investigator	2016-2017	Foundation to Eradicate Duchenne
11. 90DP0064-1	Promoting Independence and Self-Management Using mHealth	Co-Investigator Project PI, 30%	2014-2019	NIDILRR/HHS

**OTHER RESEARCH RELATED ACTIVITIES**

***International Organizations, Appointments***

1.TREAT-NMD Remote Outcome Measures Committee, January 2021

2. Cooperative International Neuromuscular Research Group (CINRG) Committee on Outcome Measures, January 2021
3. Consultant: NS Pharma: A Phase 2 Open-label Study to Assess the Safety, Tolerability, and Efficacy of Viltolarsen in Ambulant and Non-Ambulant Boys with Duchenne Muscular Dystrophy (DMD) Compared to Natural History Controls, March 2021

**National Organizations, Federally Appointed**

1. Rare Disease Advisory Board Member (Research), Patient Centered Outcomes Research Institute (PCORI), elected August 2018-July 2021.

**National Organizations, Appointments**

1. Sleep Research Society, Pipeline Development Committee, June 2019-2022

**Grant Review**

1. NIH/NIAMS Special Emphasis Panel: Validation of Pediatric Patient Reported Outcomes in Chronic Diseases (PEPR) Consortium U19, August 13-14, 2015, Bethesda, MD
2. AOTF Intervention Grants, Scientific Review Panel, 2017-present
3. NIDILRR Scientific Review Panel: Disability & Rehabilitation Research Training (DRRT): Community Living and Participation, Virtual Meeting May 22-24, 2018
4. NIH/NIAMS Academic Research Enrichment Award R15 Scientific Review Panel, Virtual Meeting, June 15, 2018
5. Competitive Medical Research Fund (CMRF) Scientific Review Panel, University of Pittsburgh, 2019-2021

**Abstract/Proposal Reviewer**

1. AOTA Annual Conference Proposal Reviewer, 2010-present
2. OT Summit of Scholars Proposal Reviewer, 2017-2018
3. CINRG Scientific Reviewer, 2016-present

**Nominated Examiner Panel-Dissertation/Thesis Reviewer**

1. University of Notre Dame, Australia, 2020
2. University of Sydney, Australia, 2020

**Journal Refereeing – Editorial Board**

1. Occupational Therapy in Health Care, 2008-2016
2. American Journal of Occupational Therapy, Associate Editor, 2008-2017

**Journal Refereeing – Ad hoc Reviewer**

1. Disability & Rehabilitation, 2010-present
2. Developmental Medicine and Child Neurology, 2012-present
3. Journal of Autism and Developmental Disorders, 2012-present
4. OTJR: Occupational, Participation and Health, 2013-present
5. Social Psychiatry and Psychiatric Epidemiology, 2014-present
6. Orphanet Journal of Rare Disease, 2015-present
7. Journal of Pediatric Rehabilitation, 2016-present
8. Neuromuscular Disorders, 2016-present
9. Quality of Life Research, 2016-present
10. American Journal of Occupational Therapy, 2017-present

**Research Training, Continuing Education**

*Competitive Selection*

1. Training in Grantsmanship for Rehabilitation Research (TIGRR); January 12-16, 2016, Charleston, SC.
2. 2016 mHealth Training Institute, August 7-12, 2016, University of California, Los Angeles, CA.
3. Pediatric Behavioral Sleep Medicine Training Seminar, Webinar, September – November, 2019.

*Non-Competitive Selection*

4. NIH-NINDS Special Training in Pediatric Rare Disease (Summer 2011-2015).

5. 20<sup>th</sup> Annual Qualitative Health Research 2-Day Workshop and Conference, Victoria, BC, October 19-23, 2014.
6. Social Networking & Online Recruiting Strategies: Ethical & Practical Considerations for Researchers & IRBs, University of Pittsburgh, PA, October 10, 2014.
7. Responsible Conduct in Research, University of Pittsburgh, PA, January 8, 2015.
8. 21<sup>st</sup> Annual Qualitative Health Research 2-Day Workshop and Conference, Toronto, Canada, October 16-22, 2015.
9. 5<sup>th</sup> Annual Occupational Therapy Summit of Scholars: Building Bridges in Intervention Research. University of Pittsburgh, Pitt
10. Rehabilitation Research at NIH: Moving the Field Forward. National Institutes of Health, Bethesda, MD, May 25-26, 2016.
11. 6<sup>th</sup> Annual Occupational Therapy Summit of Scholars: From Tradition to Innovation. Boston University, Boston, MA,
12. National Institutes of Health Mobile Health Showcase and Grant Writing Seminar, Rockville, MD, June 3-5, 2018.
13. Research in Pediatric Behavioral Sleep Medicine, 10-hour training, November 8, 2019.
14. SHRS Mentor Training for Clinical and Translational Researchers, University of Pittsburgh, February – March, 2021

### **Laboratory Memberships**

<u>Laboratory Name, Principal Investigators</u>	<u>Years Inclusive</u>
Biomarkers for Muscular Dystrophy; K.Vandenborne, University of Florida	2008-2016
Cooperative International Neuromuscular Research Group; P. Clemens, University of Pittsburgh	2013-present
Promoting Independence and Self-Management Using mHealth; B. Parmanto, University of Pittsburgh	2014-present
Multi-sensory Tracking in Duchenne Muscular Dystrophy; R. Bendixen, University of Pittsburgh	2015-present
Pediatric Research Lab, multi-PI lab; Lead Principal Investigator, Department of Occupational Therapy, University of Pittsburgh	2017-present

## **PROFESSIONAL ACTIVITIES**

### **TEACHING**

#### **PROGRAM AND CURRICULUM DEVELOPMENT**

1. Lead, Master of Science in Occupational Therapy, University of Pittsburgh - approved June 2017
2. Occupational Therapy Doctoral Program, University of Pittsburgh – approved 2017
3. Occupational Therapy Doctoral Program, Doctoral Experiential Capstone Project Program curriculum (OT 2225; OT 3207)

#### **COURSEWORK**

##### ***Courses – Faculty – UNIVERSITY OF FLORIDA, GAINESVILLE, FL***

1. **Course Title:** Distance Learning Master (DLM) in Occupational Therapy Program  
**Role:** Capstone / Research Mentor  
**Name, Location of Institution:** University of Florida, Gainesville, FL  
**Year(s), Number of Students:** Fall 2004, 1 DLM Student; Fall 2006, 1 DLM student; Fall 2007, 2 DLM students; Fall 2008, 1 DLM student; Fall 2009, 1 DLM student  
**Contact Hours:** 2 hours per week per student, 16-week semester  
**Description:** University of Florida Distance Learning Master Program in Occupational Therapy provides the working therapist with advanced education delivered in a convenient Internet format. In designing this distance master's program, we have drawn upon the University of Florida Department of Occupational Therapy's thirty years of experience in offering advanced master's education, identified a curriculum that is relevant to career advancement in today's health care environment, looked at the needs of the busy professional and captured the technological methods to deliver graduate education at a distance.
2. **Course Title:** OTH 6635 Principles of OT Screening and Evaluation I (Pediatrics)  
**Role:** Course Instructor  
**Name, Location of Institution:** University of Florida, Gainesville, FL  
**Year(s), Number of Students:** Spring 2007, 45 Master in OT Students; Spring 2008, 44 Master in OT Students; Spring 2009, 46 Master in OT Students; Spring 2010, 45 Master in OT Students; Spring 2011, 44 Master in OT Students; Spring 2012, Master in OT Students; Spring 2013, 45 Master in OT Students  
**Contact Hours:** 3 hours per week, 16-week semester

**Description:** This course provides an introduction to principles of tests and measurement and outcomes based assessment relevant to the practice of occupational therapy with infants, children and adolescents. It includes measurement theory, the assessment process and procedures, outcomes based assessment, statistical methods, and test selection and interpretation. A selection of pediatric assessment instruments are introduced. These include, but are not limited to, specified screening assessments, skilled observation, checklists, histories, interviews with the client/family/significant others, and standardized and non-standardized tests and batteries. Using the ICF as an overarching framework, evaluations covered yield information about the child's occupations across the levels of function, activity and participation. Measurement tools are also critiqued in regards to use and research evidence support.

3. **Course Title:** OTH 6641 Occupational Therapy Interventions I (Pediatrics)

**Role:** Course Instructor

**Name, Location of Institution:** University of Florida, Gainesville, FL

**Year(s), Number of Students:** Spring 2007, 45 Master in OT Students; Spring 2008, 44 Master in OT Students; Spring 2009, 46 Master in OT Students; Spring 2010, 45 Master in OT Students; Spring 2011, 44 Master in OT Students; Spring 2012, Master in OT Students; Spring 2013, 45 Master in OT Students

**Contact Hours:** 3 hours per week, 16-week semester

**Description:** This course presents occupational therapy theory and treatment as it relates to infants, children, adolescents, and their families. Students gain knowledge of the theoretical approaches, models of practice, and frames of reference used to treatment children at-risk of developmental deviations and delays, through disability, illness, and trauma.

4. **Course Title:** Independent Study

**Role:** Faculty instructor

**Name, Location of Institution:** University of Florida, Gainesville, FL

**Year(s), Number of Students:** Spring 2007, 1 Nursing student

**Contact Hours:** 3 hours per week, 16-week semester

**Description:** Motor development theories are analyzed through the lens of the healthcare professional (occupational therapist and nurse).

5. **Course Title:** OTH 6539 Occupational Therapy Theory

**Role:** Course Instructor

**Name, Location of Institution:** University of Florida, Gainesville, FL

**Year(s), Number of Students:** Summer 2007, 45 Master in OT Students; Summer 2008, 44 Master in OT Students; Summer 2009, 46 Master in OT Students; Summer 2010, 45 Master in OT Students; Summer 2011, 44 Master in OT Students; Summer 2012, Master in OT Students; Summer 2013, 45 Master in OT Students

**Contact Hours:** 6 hours per week, 8-week session

**Description:** In this course, the learner critiques and discusses many of the theoretical perspectives commonly used in occupational therapy practice. Theoretical perspectives include those that focus on occupation-based practice. This course also provides students the opportunity to apply theoretical perspectives to occupational therapy evaluation and treatment planning, compare and contrast theoretical perspectives and make an educated decision about which perspectives best meet the needs of the client and the framework of the profession. The overarching theme of the course is the importance of occupation in the promotion of health and the prevention of disease and disability.

6. **Course Title:** OTH 5115 Therapeutic Activities 2: Occupation Skills (Adults & Seniors)

**Role:** Course Instructor

**Name, Location of Institution:** University of Florida, Gainesville, FL

**Year(s), Number of Students:** Fall 2007, 45 Master in OT Students; Fall 2008, 44 Master in OT Students; Fall 2009, 46 Master in OT Students; Fall 2010, 45 Master in OT Students; Fall 2011, 44 Master in OT Students; Fall 2012, Master in OT Students

**Contact Hours:** 3 hours per week, 16-week semester

**Description:** Therapeutic Skills is designed to provide hands-on opportunity to apply theory learned in OTH 6636 and OTH 6642. This course puts into practice the student's competency to first detect the need for occupational therapy intervention and next to select and apply the clinical and non-clinical approaches necessary to facilitate a client's occupational performance within his/her context. In order to prepare the student to evaluate and treat

elderly clients with differing conditions, emphasis is placed on the development of problem-solving abilities and actual hands-on practice. Prevention aspects are included. Students have the opportunity to further their knowledge and understanding of activity in relation to the performance of independent living through exposure to lectures, readings, evidence-based practice discussions, videotapes, lab practices, and a service-learning project.

7. **Course Title:** OTH 6636 Principles of OT Screening and Evaluation II (Adults & Seniors)

**Role:** Course Instructor

**Name, Location of Institution:** University of Florida, Gainesville, FL

**Year(s), Number of Students:** Fall 2007, 45 Master in OT Students; Fall 2008, 44 Master in OT Students; Fall 2009, 46 Master in OT Students; Fall 2010, 45 Master in OT Students; Fall 2011, 44 Master in OT Students; Fall 2012, Master in OT Students

**Contact Hours:** 2 hours per week, 16-week semester

**Description:** This course addresses screening and evaluation of adults and seniors with occupational dysfunction as a result of physical and/or cognitive impairments and disabilities. Assessments are presented in the context of the theoretical approaches from which they stem. This course enhances the student's competency to first detect the need for occupational therapy intervention, and next to select and apply the clinical and non-clinical approaches necessary to facilitate a client's occupational performance within his/her context. To achieve this objective, students acquire knowledge, skills, competencies and professional behaviors through exposure to lectures, readings, evidence-based practice discussions, video recordings, lab practices and clinical practicals.

8. **Course Title:** OTH 6642 Occupational Therapy Intervention II (Adults & Seniors)

**Role:** Course Instructor

**Name, Location of Institution:** University of Florida, Gainesville, FL

**Year(s), Number of Students:** Fall 2007, 45 Master in OT Students; Fall 2008, 44 Master in OT Students; Fall 2009, 46 Master in OT Students; Fall 2010, 45 Master in OT Students; Fall 2011, 44 Master in OT Students; Fall 2012, Master in OT Students

**Contact Hours:** 1 hours per week, 16-week semester

**Description:** This course focuses on developing basic skills in providing treatment to a variety of adults and seniors with physical disabilities. In addition to assessing a variety of physical disabilities, the students develop an understanding of the human factors, such as culture, motivation and psychosocial issues that impact occupational performance. Viewing the human from a holistic perspective the students then choose and provide appropriate interventions, discharge plans and follow-up. The course exposes the students to a variety of service-delivery settings and the students will understand the reimbursement or funding strategies for these settings.

9. **Course Title:** HSC 4790 Honors Thesis

**Role:** Faculty instructor/Research mentor

**Name, Location of Institution:** University of Florida, Gainesville, FL

**Year(s), Number of Students:** Summer 2008-Spring 2009, 3 Bachelor in Health Science students; Summer 2009-Spring 2010, 2 Bachelor in Health Science students; Summer 2011-Spring 2012, 1 Bachelor in Health Science student; Summer 2012-Spring 2013, 4 Bachelor in Health Science students

**Contact Hours:** 2 hours per week per student for 3 semesters (34 weeks)

**Description:** This course fully enmeshes students into a faculty member's research with direct mentoring. A research poster and final thesis is required for completion of the course and to graduate with honors.

**Courses – Invited Lecturer – UNIVERSITY OF FLORIDA, GAINESVILLE, FL**

1. **Course Title:** Theory of Rehabilitation Science; Rehabilitation Science Doctoral Program

**Role:** Lecturer

**Name, Location of Institution:** University of Florida, Gainesville, FL

**Year(s), Number of Students:** Fall 2010, 12 students; Fall 2011, 8 students; Fall 2012, 7 students

**Contact Hours:** 3-hour lecture

**Description:** *Making the Transition from Doctoral Student to Assistant Professor*

**Courses – Faculty – UNIVERSITY OF PITTSBURGH, PITTSBURGH, PA**

1. **Course Title:** HRS 2590 – Intervention and Assessment in Infant and Toddler Feeding

**Role:** Course Instructor

**Name, Location of Institution:** University of Pittsburgh, Pittsburgh, PA

**Year(s), Number of Students:** Spring 2014, 28 Master in OT/Master in Communication Disorders Students

**Contact Hours:** 1 credit, 1 – ½ day

**Description:** Eating/Feeding is one of the most important co-occupations of infants and young children and can also be one of the most challenging developmental tasks. The occupational therapy process in assessment and intervention for infant and toddler feeding will be studied in depth. Clinical reasoning skills for making diagnostic judgments, planning and delivering interventions and promoting caregiver's involvement and advocacy are emphasized. Experiential learning is provided in a laboratory setting.

2. **Course Title:** HRS 2590 – Specialized Preceptorship: Advanced Therapeutic Skills: Applications Across the Lifespan

**Role:** Course Instructor

**Name, Location of Institution:** University of Pittsburgh, Pittsburgh, PA

**Year(s), Number of Students:** Spring 2015, 9 MS Students

**Contact Hours:** 2 hours per week, 16-week term

**Description:** This course is designed to incorporate the advanced concepts of therapeutic use of self (TUoS) into all elements of instruction, practice, and application. The course utilizes exemplars in patient intervention (guiding, handling, positioning) and clinical application across the lifespan. The principles and practices of TUoS, clinical reasoning, and evidence-based practice as they are applied in diverse practice environments (e.g., hospital, school systems, community agencies) are the focus. The student has the opportunity to further knowledge and understanding of TUoS through exposure to lectures, readings, evidence-based practice discussions, lab practices, and the incorporation of key principles into their clinical settings.

3. **Course Title:** REHSCI 1299 - Independent Study (Maggie Yuhas)

**Role:** Supervising Faculty/Mentor

**Name, Location of Institution:** University of Pittsburgh, Pittsburgh, PA

**Years:** Spring 2015

**Contact Hours:** 3 hours per week, 16-week term

**Description:** Independent study focused on student gaining knowledge about Duchenne muscular dystrophy (DMD) and current care guidelines. Student worked on gathering data for development of self-management and self-monitoring tool in DMD (mobile health technology) through focus group sessions. Assisted with pilot testing of the DMD mobile health system. Final project included a typed literature review and final report synthesizing data collected specific to qualitative data from focus group sessions.

4. **Course Title:** HRS 2501 – Functional Assessment

**Role:** Course Instructor

**Name, Location of Institution:** University of Pittsburgh, Pittsburgh, PA

**Years:** Fall 2015, 5 MS Students

**Contact Hours:** 3 hours per week, 16-week term

**Description:** This course focuses on functional assessment from the perspective of body structures and functions, activity, and participation as defined by the International Classification of Functioning, Disability, and Health of the World Health Organization. Teaching methods focus on learning through discussion. Students discuss current concepts in outcome measurement, including the relative strengths and weakness of data collected via interviewing, observing, and testing. Analysis and evaluation of functional assessment instruments using the ICF (body structures/function, activity, participation) and psychometric concepts (reliability, validity, sensitivity, scaling) is an emphasis of this course.

5. **Course Title:** OT 2116 – Integrative Capstone Seminar

**Role:** Course Co-Instructor

**Name, Location of Institution:** University of Pittsburgh, Pittsburgh, PA

**Years:** Fall 2015, 52 MOT Students; Fall 2016, 50 MOT Students

**Contact Hours:** 2 hours per week, 16-week term

**Description:** This course critically examines clinical research that is designed to improve the functioning of clients of rehabilitation services. It emphasizes understanding the strengths and weaknesses of clinical studies and using the findings to guide practice. The interventions examined and the outcome measures used to evaluate their effectiveness span all levels of the International Classification of Function (i.e., body functions/structures, activity, participation, environmental factors). Students learn to examine the clinical evidence to determine: (a) what is

appropriate for a given client, (b) the effectiveness of each appropriate option, and (c) the outcomes that can be expected for each option. Instruction focuses on having students understand the importance of the scientific method and evidence-based practice and how they contribute to occupational therapy; and demonstrate the ability to apply evidence to practice and recognize factors that influence the process including client goals and values, and context and environment.

6. **Course Title:** HRS 2503 – Human Performance: Adaptation

**Role:** Course Instructor

**Name, Location of Institution:** University of Pittsburgh, Pittsburgh, PA

**Years:** Spring 2016, 5 MS OT Students

**Contact Hours:** 3 hours per week, 16-week term

**Description:** This course is designed to incorporate the advanced concepts of therapeutic use of self into OT treatment approaches of restoration, compensation and education. The course will utilize exemplars in patient intervention and clinical application across the lifespan. The principles and practices of therapeutic use of self, clinical reasoning, and evidence-based practice as they are applied in diverse practice environments (e.g., hospital, school systems, community agencies) will be a focus. The student will have the opportunity to further his/her knowledge and understanding of therapeutic use of self through exposure to lectures, readings, evidence-based practice discussions, lab practices, and the incorporation of key principles into their clinical settings.

7. **Course Title:** HRS 3003 Core Concepts: PhD in Rehabilitation Sciences (Section I)

**Role:** Core Instructor

**Name, Location of Institution:** University of Pittsburgh, Pittsburgh, PA

**Years:** Fall 2016, 9 Doctoral Students; Fall 2017, 7 Doctoral Students

**Contact Hours:** 2 hours bi-weekly, 16-week term

This course is the first course in a two-course sequence examining core knowledge in disability and rehabilitation sciences. In this first course, we review models of disability and rehabilitation. We focus on aspects of concepts of functioning and disability, including body structures, body functions, activities and participation. We examine how these concepts are applied in ongoing research within the field of rehabilitation sciences. Students learn through faculty presentations, facilitated discussion, assigned readings, short written papers, short oral presentations, and peer-review of written products.

8. **Course Title:** HRS 3005 Core Concepts: PhD in Rehabilitation Sciences (Section II)

**Role:** Core Instructor

**Name, Location of Institution:** University of Pittsburgh, Pittsburgh, PA

**Years:** Spring 2017, 9 Doctoral Students; Spring 2018, 7 Doctoral Students

**Contact Hours:** 2 hours bi-weekly, 16-week term

**Description:** This course is the second course in a two-course sequence examining core knowledge in disability and rehabilitation sciences. Focus is on individual and contextual factors that influence disability and rehabilitation, and implications for research. We examine how well concepts are applied in ongoing research within the field of rehabilitation sciences. This course is designed to work on synthesizing concepts and principles and discussing their application in individual student research programs. The student is exposed to faculty research from various research programs throughout the School of Health and Rehabilitation Sciences, facilitated discussions, assigned readings, short written papers, short oral presentations, and peer-review of written products.

9. **Course Title:** OT 3301 Data-Based Decision-Making Rotation

**Role:** Course Instructor/Faculty Mentor

**Name, Location of Institution:** University of Pittsburgh, Pittsburgh, PA

**Years:** Spring 2017, 1 Doctoral Student; Spring 2019, 1 Doctoral Student

**Contact Hours:** 3 hours weekly, 16-week term

**Description:** Use of data analytic strategies to analyze and synthesize data from relevant clinical cases to develop best-practice strategies for documenting client progress, satisfaction, and outcomes.

10. **Course Title:** OT 3600 Master Practitioner Cognate Seminar

**Role:** Course Instructor/Faculty Mentor

**Name, Location of Institution:** University of Pittsburgh, Pittsburgh, PA

**Years:** Summer 2017, 1 Doctoral Student; Summer 2019, 1 Doctoral Student

**Contact Hours:** 3 hours weekly, 16-week term

**Description:** Students are mentored through the process of collecting and analyzing client assessment and intervention data for a chosen theoretical model, comparing their results to current research evidence in support of their capstone project.

11. **Course Title:** OT 3700 Practicum and Capstone Project

**Role:** Course Instructor/Faculty Mentor

**Name, Location of Institution:** University of Pittsburgh, Pittsburgh, PA

**Years:** Summer 2017, 1 Doctoral Student; Summer 2019, 1 Doctoral Student

**Contact Hours:** 5 hours weekly, 16-week term

**Description:** Course consists of a practicum and capstone project that focuses on analyzing the active intervention mechanisms and assessment/intervention outcome linkages for a specific client population.

12. **Course Title:** OT 3100 Evidence Analysis for Improving Clinical Interventions;  
OT 3101 Evidence Analysis Colloquium

**Role:** Course Instructor

**Name, Location of Institution:** University of Pittsburgh, Pittsburgh, PA

**Years:** Fall 2017, 2 Doctoral Students; Fall 2018, 5 Doctoral Students; Fall 2019, 5 Doctoral Students

**Contact Hours:** 7 hours weekly, 16-week term

**Description:** Students are instructed on the use of systematic methods (e.g., PRISMA, PEDRO, CONSORT, STROBE, TREND, CASP) and critical thinking to evaluate the rigor of evidence to enable practitioners to evaluate research articles for the purpose of developing clinical protocols and best practice guidelines. Students gather and analyze intervention literature that will support development of evidence-based clinical protocols and practice guidelines required by third party payers for a specific population.

13. **Course Title:** OT 2225 Project Development 1

**Role:** Course Developer, Course Instructor

**Name, Location of Institution:** University of Pittsburgh, Pittsburgh, PA

**Years:** Fall 2018, 48 Occupational Therapy Doctoral Students

**Contact Hours:** 3 hours weekly, 16 week term

**Description:** Students are instructed and mentored on the development of the skills needed to plan, develop, implement and evaluate a project that addresses an important question related to professional practice. In collaboration with mentorship by faculty and content experts, students design and present a synopsis of a proposal for a Capstone project.

14. **Doctoral Experiential Preceptorship / Capstone Project**

**Role:** Faculty Mentor

**Name, Location of Institution:** University of Pittsburgh, Pittsburgh, PA

1. **Timeframe, number of students:** Fall 2018 – Spring 2020, 5 OTD students

**Experiential Preceptorship/Capstone Project Site:** UPMC Child Development Center

2. **Timeframe, number of students:** Fall 2019 – Spring 2020, 5 OTD students

**Experiential Preceptorship/Capstone Project Site:** UPMC Child Development Center

3. **Timeframe, number of students:** Fall 2020 – Spring 2021, 6 OTD students

**Experiential Preceptorship/Capstone Project Site:** Provident Charter School

14. **Course Title:** OT 3300 Data-Based Decision Making for Clinical Practice

**Role:** Course Instructor

**Name, Location of Institution:** University of Pittsburgh, Pittsburgh, PA

**Years:** Spring 2019, 5 Doctoral Students; Spring 2020, 5 Doctoral Students

**Contact Hours:** 4 hours weekly, 16 week term

**Description:** Application of data analytic strategies (e.g., descriptives, correlations, comparisons, predictions, effect sizes, and single system design strategies) that practitioners can use to analyze program data related to participant demographics, stakeholder perceptions, and outcomes by intervention type, productivity levels, etc.

15. **Course Title:** HRS 2504 Directed Readings in OT  
**Role:** Course Developer, Course Instructor  
**Name, Location of Institution:** University of Pittsburgh, Pittsburgh, PA  
**Years:** Spring 2019, 1 PhD Student  
**Contact Hours:** 4 hours weekly, 16 week term  
**Description:** Incorporation of knowledge gained from NIH Introduction to the Principles and Practice of Clinical Research and course work to produce a first draft of a manuscript. Statistical analysis guided by HRS 2928.
16. **Course Title:** HRS 2504 Independent Study  
**Role:** Course Developer, Course Instructor  
**Name, Location of Institution:** University of Pittsburgh, Pittsburgh, PA  
**Years:** Spring 2019, 1 MSOT Student  
**Contact Hours:** 3 hours weekly, 16 week term  
**Description:** Data management and data analyses for circadian rhythms in young boys with Duchenne muscular dystrophy. Manuscript in development.
1. **Course Title:** OT 3207 Project Development 2  
**Role:** Course Developer, Course Instructor  
**Name, Location of Institution:** University of Pittsburgh, Pittsburgh, PA  
**Years:** Fall 2019, 45 Occupational Therapy Doctoral Students; Fall 2020, 54 OTD Students  
**Contact Hours:** 3 hours weekly, 16 week term  
**Description:** Focuses on the construction of the protocol of an educational capstone program, including collaboration with and mentorship by faculty and content experts in developing plans for implementation, evaluation and sustainability of the final Capstone Experiential Project.

**Courses – Invited Lecturer – UNIVERSITY OF PITTSBURGH, PITTSBURGH, PA**

1. **Course Title:** OT 2115 Developmental Theory and Practice  
**Role:** Lecturer  
**Name, Location of Institution:** University of Pittsburgh, Pittsburgh, PA  
**Year(s), Number of Students:** Fall 2014, 50 students; Fall 2015, 52 students; Fall 2016, 53 students; Fall 2017, 53 students; Fall 2018, 52 students; Fall 2019, 52 students; Fall 2020, 56 students  
**Contact Hours:** 3-hour lecture  
**Description:** Lecturer and hands-on activity: *Pediatric Positioning and Handling + Handling Lab*
2. **Course Title:** HRS 3003 Core Concepts in Disability and Rehabilitation Sciences; Rehabilitation Science Doctoral Program  
**Role:** Lecturer  
**Name, Location of Institution:** University of Pittsburgh, Pittsburgh, PA  
**Year(s), Number of Students:** Fall 2015, 5 students  
**Contact Hours:** 1 hour lecture  
**Description:** *Proximal and Distal Outcomes for Clinical Trials in Boys with Duchenne Muscular Dystrophy*
3. **Course Title:** OT 2212 Clinical Conditions 2 / OT 2108 Clinical Neurology and Orthopedics  
**Role:** Lecturer  
**Name, Location of Institution:** University of Pittsburgh, Pittsburgh, PA  
**Year(s), Number of Students:** Spring 2018, 45 OTD students, 5 MOT students; Spring 2019, 48 OTD students, 3 MOT students; Spring 2020, 47 OTD students, 2 MOT students
  - a. **Contact Hours:** 2 hour lecture  
**Description:** *Pediatric Metabolic Conditions and Occupational Therapy's Role*
  - b. **Contact Hours:** 2 hour lecture  
**Description:** *Neuromuscular Disorders and Occupational Therapy's Role*
4. **Course Title:** Doctoral Seminar  
**Role:** Lecturer  
**Name, Location of Institution:** University of Pittsburgh, Pittsburgh, PA

**Year(s), Number of Students:** Spring 2019, 14 PhD students

**Contact Hours:** 2 hour lecture

**Description:** *Research in pediatric rare disease; update on Duchenne muscular dystrophy*

**5. Course Title:** Doctoral Seminar

**Role:** Lecturer

**Name, Location of Institution:** University of Pittsburgh, Pittsburgh, PA

**Year(s), Number of Students:** Spring 2020, 9 PhD students

**Contact Hours:** 2 hour lecture

**Description:** *Logic Models for Use in Doctoral Research and Career Development*

**Courses – Course Liaison, UNIVERSITY OF PITTSBURGH, PITTSBURGH, PA**

**1. Course Title:** OT 2115 Developmental Theory and Practice

**Name, Location of Institution:** University of Pittsburgh, Pittsburgh, PA

**Year(s), Course Instructor:** Fall 2014, 50 students; Fall 2015, 52 students

Fall 2016, 50 students, Kenneth Reichl, MOT, OTR/L; Fall, 2017, 53 students, Angela Caldwell, PhD, OTR/L

**Contact Hours:** 3 hours per week, 16 week semester

**Description:** The occupational therapy process for children is studied in-depth. Theories, principles, assessments, and interventions focus on the performance of activities and routines of daily living and societal participation.

Clinical reasoning skills for making diagnostic judgments and planning interventions are emphasized. Experiential learning is provided in a laboratory setting and reinforced in fieldwork.

**RESEARCH SUPERVISION AND MENTORING – UNIVERSITY OF FLORIDA (2006-2013)**

***Mentoring Junior Faculty/Adjunct Faculty***

1. Name: Consuelo Kreider, PhD, Research Assistant Professor

Institution, School, Department: University of Florida, College of Public Health and Health Professions, Department of Occupational Therapy

Aspects of Mentoring: Mentoring in taking on a new role as a faculty member; mentoring in development of an Institutional K-12 application (successful) and an independent K01 grant application, 2013-present

***Mentoring Doctoral Students***

1. Name: Kathleen Berger

Institution: Rehabilitation Science, University of Florida, Gainesville, FL

Aspects of Mentoring: **Committee Member** – Doctoral Dissertation

Title: Analysis of a measure of functional cognition for persons with stroke, 2012

2. Name: Consuelo Kreider (transition to faculty, University of Florida)

Institution: Rehabilitation Science, University of Florida, Gainesville, FL

Aspects of Mentoring: **Co-Chair** – Doctoral Dissertation

Title: Social networks and participation of youth with learning disability, attention deficit disorder or autism spectrum disorder: A mixed-method study using personal network analysis and qualitative interview, 2013

***Additional Products:***

Kreider, C. & **Bendixen, R.** Mixed Methods Analysis of the Needs of Post-secondary Students with Disability. Seventh International Congress of Qualitative Inquiry, University of Illinois Urbana-Champaign, IL, May 18-21, 2011.

Kreider, C. & **Bendixen, R.** Understanding and Broadening Post-secondary Participation and Educational Support for Students with Disability. Seventh International Congress of Qualitative Inquiry, University of Illinois Urbana-Champaign, IL, May 18-21, 2011.

Kreider, C., Reynolds, S & **Bendixen, R.** Sensory Processing in Boys with Barth Syndrome. Interactive presentation to Barth Syndrome Foundation 6th International Scientific, Medical & Family Conference. St. Pete Beach, FL, June 25-30, 2012.

Kreider, C., **Bendixen R.** & Mann, W. Addressing Broad-Ranged Needs of College Students with Learning Disability: A Comprehensive Program Providing Personal, Interpersonal and Environmental Supports at the University of Florida. Interactive presentation to Florida Occupational Therapy Association

2012 Conference, Tampa, FL, November 2-3, 2012.

Kreider, C., **Bendixen, R.**, Huang, Y., & Lim, Y. (2013). Centennial Vision—Review of occupational therapy intervention research in the practice area of children and youth 2009-2013.

*American Journal of Occupational Therapy*, 68, e61–e73.

Reynolds, S., Kreider, C., & **Bendixen, R.** (2012). A mixed-methods investigation of sensory response patterns in Barth Syndrome: A clinical phenotype? *American Journal of Medical Genetics Part A*, 158A:1647-1653.

Kreider, C., **Bendixen, R.**, & Lutz, B. (2015). Holistic needs of university students with invisible disabilities: A qualitative study (2015). *Physical and Occupational Therapy in Pediatrics*, 5(4), 426–441. DOI: 10.3109/01942638.2015.1020407 PMID: 25978113

Kreider, C., **Bendixen, R.**, Mann, W. C., McCarty, C., & Young, M.E. (2015). Mixed-method exploration of social network links to participation (2015). *OTJR Occupation Participation Health*, 35(3), 151-159 DOI: 10.1177/1539449215578650 PMID: 26594737

Reynolds, S., Kreider, C. M., Meeley, L.E., & **Bendixen, R.** (2015). Taste perception and sensory sensitivity: relationship to feeding problems in boys with Barth syndrome.

*The Journal of Rare Disorders*, 3(1), 1-9. PMID: 26191532; PubMed Central PMCID: PMC4503373

Kreider C., **Bendixen R.**, Young, M.E., Prudencio, S.M., McCarty, C., Mann, W.C. (2016).

Social networks and participation with others for youth with learning, attention, and autism spectrum disorders. *Canadian Journal of Occupational Therapy*, Vol. 83(1) 14-26 DOI:10.1177/0008417415583107

3. Name: Pablo Saldana  
Institution: Rehabilitation Science, University of Florida, Gainesville, FL  
Aspects of Mentoring: **Committee Member** – Doctoral Dissertation  
Title: Career development and work experiences of individuals with cystic fibrosis: A grounded theory study, 2013
4. Name: Nami Sonia Yu  
Institution: Rehabilitation Science, University of Florida, Gainesville, FL  
Aspects of Mentoring: **Committee Member** – Doctoral Dissertation  
Title: An examination of key indicators of well-being in aging individuals with disabilities: Secondary analyses of the health and retirement study, 2014
5. Name: Yoonjeong Lim (transition to faculty, Augusta University, Georgia)  
Institution: Rehabilitation Science, University of Florida, Gainesville, FL  
Aspects of Mentoring: **Co-Chair** – Doctoral Dissertation  
Title: Impact of child, family, and healthcare service satisfaction on families with children with rare diseases, 2015  
Additional Products:  
Lim, Y & **Bendixen, R.** The impact of Duchenne muscular dystrophy on parents' quality of life and family functioning 2011 Florida Occupational Therapy Association poster presentation.  
Lim, Y. & **Bendixen, R.** Participation and function in boys with Duchenne muscular dystrophy and the impact on their family. PHHP Research Day (2012) Poster Presentation, Gainesville, FL.  
Lim, Y. & **Bendixen, R.** Quality of life in boys with Barth syndrome: Comparison of child self-report and parent-proxy report. Barth Syndrome International Scientific, Medical & Family Conference poster presentation.  
Lim, Y. & **Bendixen, R.** Social participation of a boy with Duchenne muscular dystrophy and his family: A qualitative analysis. Florida Occupational Therapy Association (2012) poster presentation.  
Kreider, C, **Bendixen, R.**, Huang, Y., & Lim, Y. (2013). Centennial Vision—Review of occupational therapy intervention research in the practice area of children and youth 2009-2013. *American Journal of Occupational Therapy*, 68, e61–e73  
Lim, Y. & **Bendixen, R.** The Level of Agreement between Child Self-reports and Parent Proxy-reports of Health Related Quality of Life for Boys with Duchenne Muscular Dystrophy. PHHP Research Day (2013) Poster Presentation: *Received Research Award for best poster*  
Lim, Y., Velozo, C., & **Bendixen, R.** (2014). The level of agreement between child self-reports and parent proxy-reports of health-related quality of life in boys with Duchenne muscular dystrophy. *Quality of Life Research*, 23(1) - DOI 10.1007/s11136-014-0642-7.  
Lim, Y., **Bendixen, R.**, Mann, W.C. (2016). Impact of children with rare diseases on the family. *American Journal of Occupational Therapy*, 70 (published abstract).

Lim, Y., Kreider, C., **Bendixen, R.** (2017). Raising a child with congenital muscular dystrophy: Impact on the family. *American Journal of Occupational Therapy*, 71 (published abstract).

Lim, Y., Kreider, C., **Bendixen, R.** HRQoL in Barth Syndrome: Agreement between child self-reports and parent proxy-reports and its relationship to parental HRQoL (accepted for publication 2019). *Journal of Human and Clinical Genetics*.

#### ***Mentoring Graduate Students (post-professional)***

1. Name: Donna Kortyka  
Institution: University of Florida, Gainesville, FL  
Aspects of Mentoring: **Primary Mentor** – Distance Learning Master Thesis  
Title: A cognitive approach to learning problem solving with visually impaired students: A pilot study. 2006
2. Name: Erica Thompson  
Institution: University of Florida, Gainesville, FL  
Aspects of Mentoring: **Primary Mentor** – Distance Learning Master Thesis  
Title: Impact of assistive technology on the school performance of young children with disabilities, 2006
3. Name: Margaret Wildman  
Institution: University of Florida, Gainesville, FL  
Aspects of Mentoring: **Primary Mentor** – Distance Learning Master Thesis  
Title: The effects of a sensory integrative approach on attention to functional seated tasks with pre-kindergarten students in the classroom environment, 2007
4. Name: Lana Watson  
Institution: University of Florida, Gainesville, FL  
Aspects of Mentoring: **Primary Mentor** – Distance Learning Master Thesis  
Title: Evidence-based practice: How to have a successful, therapist-centered journal club, 2007
5. Name: Stacey Schuette  
Institution: University of Florida, Gainesville, FL  
Aspects of Mentoring: **Primary Mentor** – Distance Learning Master Thesis  
Title: The efficacy of assistive technology for literacy support, 2007
6. Name: Carla Weaver  
Institution: University of Florida, Gainesville, FL  
Aspects of Mentoring: **Primary Mentor** – Distance Learning Master Thesis  
Title: The connection between literacy, handwriting and Occupational Therapy, 2008
7. Name: Jennifer Hensen  
Institution: University of Florida, Gainesville, FL  
Aspects of Mentoring: **Primary Mentor** – Distance Learning Master Thesis  
Title: Treatment methods for therapists, teachers and parents for children with attachment disorders, 2009

#### ***Mentoring Undergraduate Students***

1. Name: Magdalena Love  
Institution: University of Florida, Gainesville, FL  
Aspects of Mentoring: **Primary Mentor** - Bachelors Honors Thesis  
Title: Quality of life and family impact of Duchenne muscular dystrophy, 2009
2. Name: Jennifer Halpern  
Institution: University of Florida, Gainesville, FL  
Aspects of Mentoring: **Primary Mentor** - Bachelors Honors Thesis  
Title: Autism and the development of play and language, 2010

3. Name: Ashley Duncan  
Institution: University of Florida, Gainesville, FL  
Aspects of Mentoring: **Primary Mentor** - Bachelors Honors Thesis  
Title: Language and sensory processing disorders in children with autism, 2010
4. Name: Karen Pecoraro  
Institution: University of Florida, Gainesville, FL  
Aspects of Mentoring: **Primary Mentor** - Bachelors Honors Thesis  
Title: Exploring quality of life in families with Duchenne muscular dystrophy, 2010
5. Name: Kasey Zink  
Institution: University of Florida, Gainesville, FL  
Aspects of Mentoring: **Primary Mentor** - Bachelors Honors Thesis  
Title: Participation and quality of life of boys with Duchenne muscular dystrophy, 2012
6. Name: Amanda Rundall  
Institution: University of Florida, Gainesville, FL  
Aspects of Mentoring: **Primary Mentor** - Bachelors Honors Thesis  
Title: Effective health measures for boys with Duchenne muscular dystrophy, 2012
7. Name: Kara Poole  
Institution: University of Florida, Gainesville, FL  
Aspects of Mentoring: **Primary Mentor** - Bachelors Honors Thesis  
Title: A Qualitative analysis of school and social functioning in boys with Duchenne muscular dystrophy, 2012
8. Name: Kasey Iglesias  
Institution: University of Florida, Gainesville, FL  
Aspects of Mentoring: **Primary Mentor** - Bachelors Honors Thesis  
Title: Relationships between satisfaction with healthcare providers and quality of life for families of boys with Duchenne muscular dystrophy, 2013
9. Name: Christine Fetchel  
Institution: University of Florida, Gainesville, FL  
Aspects of Mentoring: **Primary Mentor** - Bachelors Honors Thesis  
Title: Sibling location within the social network of youth with autism spectrum disorder: A case series with comparison to matched typically developing youth, 2013
10. Name: Amanda Aldrich  
Institution: University of Florida, Gainesville, FL  
Aspects of Mentoring: **Primary Mentor** - Bachelors Honors Thesis  
Title: Physical activity's effect on the cognitive abilities of young adults with intellectual disabilities, 2013

#### **RESEARCH SUPERVISION AND MENTORING – UNIVERSITY OF PITTSBURGH (2013-present)**

##### ***Mentoring Junior Faculty/Adjunct Faculty***

1. Name: Angela Caldwell, PhD, Assistant Professor  
Institution, School, Department: University of Pittsburgh, School of Health and Rehabilitation Sciences, Department of Occupational Therapy  
Aspects of Mentoring: Mentoring in taking on a new role as a faculty member that includes curriculum development and teaching, research and service; writing and manuscript publication; development, writing and submission of grants; networking, 2016-present  
2019 – Primary Faculty Mentor  
Additional Products:  
2018 AOTF Intervention Research Grant: *Partnering for Prevention: Promoting Healthy Habits in Underserved Communities*

2018 CTSI's Research Initiative for Special Populations (CRISP) Pilot Program: *Family Empowerment for Enhanced Development (FEED)*

2019 K-12 Comprehensive Opportunities in Rehabilitation Research Training (CORRT) Career Development Program Awardee

2. Alyson Stover, JD, MOT, Assistant Professor  
Institution, School, Department: University of Pittsburgh, School of Health and Rehabilitation Sciences, Department of Occupational Therapy  
Aspects of Mentoring: Project Development: *Influencing Recovery Amidst the Opioid Epidemic through Improved Mother and Infant Outcomes*  
Mentoring in writing and manuscript publication; grant development, submission of IRBs, 2017-present
3. Juleen Rodakowski, OTD, MS, Assistant Professor (tenure-track)  
Institution, School, Department: University of Pittsburgh, School of Health and Rehabilitation Sciences, Department of Occupational Therapy  
Aspects of Mentoring: Faculty Mentor Committee Member, 2019-present
4. Jennifer White, CScD, MOT, Instructor  
Institution, School, Department: University of Pittsburgh, School of Health and Rehabilitation Sciences, Department of Occupational Therapy  
Aspects of Mentoring: Faculty Mentor Committee Member, 2019-present
5. Amit Sethi, OTR/L, PhD, Assistant Professor  
Institution, School, Department: University of Pittsburgh, School of Health and Rehabilitation Sciences, Department of Occupational Therapy  
Aspects of Mentoring: Faculty Mentor Committee Member, 2020-present

#### **Mentoring Post-Doctoral Scholars**

1. Name: Jessica Jarvis, PhD, NIH T32 Post-doctoral Scholar  
Institution, School, Department: University of Pittsburgh, School of Medicine, Department of Physical Medicine and Rehabilitation  
Aspects of Mentoring: Qualitative Expertise for KL2 focused in the area of *pediatric critical care survivors and their families*.

#### **Mentoring Doctoral Students**

1. Name: Angela Caldwell (2016)  
Institution: Rehabilitation Science, University of Pittsburgh, Pittsburgh, PA  
Aspects of Mentoring: **Co-Chair** – Doctoral Dissertation  
Title: Examining relationships between family mealtime routines and feeding outcomes in young children with sensory food aversions. Transitioned to faculty position, University of Pittsburgh.  
Additional Products:  
Caldwell, A., **Bendixen, R.**, Terhorst, L., Danford, C., Skidmore, E. Examining the Effects of the Mealtime PREP Intervention for Toddlers with Sensory Food Aversions. Scientific Research Panel, American Occupational Therapy Annual Conference, Philadelphia, PA, March 28- April 2, 2017.  
Caldwell, A., Skidmore, E., Raina, K., Rogers, J., Terhorst, L., Danford, C., **Bendixen, R.** (2017). Feasibility of the Mealtime PREP intervention for children with Sensory Food Aversions: A behavioral activation approach to parent-training. (In Press). *American Journal of Occupational Therapy*.  
Caldwell, A.R., Skidmore, E.R., Terhorst, L., **Bendixen, R.M.** Is Frequency of family meals associated with fruit and vegetable intake among preschoolers? A logistic regression analysis. *Journal of Nutrition and Dietetics* (2017) (accepted for publication).  
**Bendixen R.**, Benevides T., Braverman B., Caldwell A., Ideishi R., Jirikowic T...Umeda C. (2017). Supporting societal occupational needs through population and organizational OT: Gain the knowledge and skills to expand your practice. *American Journal of Occupational Therapy*.

2. Name: Nicole Habovick (2017)  
Institution: University of Pittsburgh, Department of Occupational Therapy, Clinical Science Doctoral Program  
Capstone Project Title: Quality improvement project for feeding practices in the NICU (2017).  
Role: **Chair**
3. Name: Sarah Bass (2017)  
Institution: Rehabilitation Science, University of Pittsburgh, PA  
Aspects of Mentoring: **Dean's Representative, 2017**
4. Name: Catherine Hoyt (2017-2019)  
Institution: Washington University School of Medicine, Rehabilitation and Participation Science Doctoral Program  
Aspects of Mentoring: **Committee Member** (external)
5. Name: Amy Hartman (2018-present)  
Institution: PhD Rehabilitation Science, University of Pittsburgh  
Aspects of Mentoring: **Research Mentor; Committee Chair**, Doctoral Dissertation Committee  
Products:  
Hartman, A., Silverman, N, Beck, M., Hall, D., Terhorst, L., **Bendixen, R.** Uncovering sleep in Duchenne muscular dystrophy (interactive poster presentation). 15<sup>th</sup> Annual Rehabilitation Institute Research Day, Pittsburgh, PA May 2, 2019.  
Hartman, A., Silverman, N, Beck, M., Hall, D., Terhorst, L., **Bendixen, R.** Uncovering Sleep in Duchenne Muscular Dystrophy. Occupational Therapy Summit of Scholars, Charleston, South Carolina, June 21, 2019.  
Hartman, A. The Occupation of Sleep. Presentation to the Occupational Therapy Department, Pittsburgh, PA, November 6, 2019.  
Hartman, A., Silverman, N, Beck, M., Hall, D., Terhorst, L., **Bendixen, R.** Data Blitz Presentation on sleep in Duchenne muscular dystrophy. Sleep and Circadian Science Research Day, November 21, 2019.  
Hartman, A., Terhorst, L., Little, N., **Bendixen, R.M.** (2020). Uncovering sleep in young males with Duchenne muscular dystrophy (accepted for publication). *European Journal of Paediatric Neurology*.  
Hartman, A., **Bendixen, R.M.** (2020) Circadian rhythms, sleep, and chronic disease: A look into Duchenne muscular dystrophy – American Occupational Therapy Association Annual Meeting 2020 Scientific Research Panel, Boston, MA (conference cancelled due to COVID19).  
Hartman, A., Smagula, S., **Bendixen, R.M.** (2020). Sleep and activity rhythms in children with Duchenne muscular dystrophy. *Sleep*, 43(supp1), A372 – published abstract and selected for presentation.  
Hartman, A.G., Bodison, S., & **Bendixen, R.** (2021). Sleep and Sensory Processing: Recognising the Relationship. *SensorNet*, 57, 25-28.
6. Name: Mark Greenlaugh (2018-April 2020)  
Institution: PhD Rehabilitation Science, University of Pittsburgh  
Aspects of Mentoring: **Committee Member**  
Dissertation: Ergonomic Assessment of a Robotic Assisted Transfer Device to Perform Caregiver Assisted Wheelchair Transfers. Successful defense April 2020
7. Name: Allison Juris (2018-2019)  
Institution: University of Pittsburgh, Department of Occupational Therapy, Clinical Science Doctoral Program  
Capstone Project Title: Standardizing educational resources for parents of children with cancer diagnoses (2019)  
Role: **Chair**
8. Name: Amanda S. Mahoney (2020-present)  
Institution: PhD Communication Science & Disorders, University of Pittsburgh  
Aspects of Mentoring: **Committee Member (content expert)**

*College of Medicine Scholarly Project, University of Pittsburgh, Pittsburgh, PA*

1. Name: Malcolm Dombrowski  
Institution: College of Medicine  
Title: Effects of a personal electronic medical record for individuals with pediatric onset neuromuscular disease transitioning to adult care.  
Role: **Co-Mentor** in collaboration with Dr. Paula Clemens (2015-16)

***Mentoring Graduate Students***

1. Name: Kristin Clinard  
Institution: Department of Human Genetics, University of Pittsburgh, Pittsburgh, PA  
Aspects of Mentoring: **Chair and Primary Mentor** – Master Thesis (2-14-2015)  
Title: Research participation in the Duchenne muscular dystrophy community: Parent perceived barriers and their impact on families  
Additional Products:  
Morgenroth, L., Clinard, K., **Bendixen, R.** Strategies for Engaging the Duchenne Muscular Dystrophy Community in Research. 20<sup>th</sup> International World Muscle Society Congress, Brighton, UK, September 30-October 4, 2015.  
Clinard K., Morgenroth L., **Bendixen R.** Strategies for Engaging the Duchenne Muscular Dystrophy Community in Research. MDA Scientific Conference (interactive poster presentation), March 11-14, 2015, Washington, DC.  
Clinard, K., Morgenroth, L., **Bendixen, R.** Research Participation in the Duchenne Muscular Dystrophy Community: Parent Perceived Barriers and Their Impact on Families. National Society of Genetic Counselors 34th Annual Education Conference, October 21-24, 2015 Pittsburgh, PA.
2. Name: Gabrielle Defazio  
Institution: Communication Science and Disorders, University of Pittsburgh, Pittsburgh, PA  
Aspects of Mentoring: **Committee Member** – Master Thesis (2017)  
Title: Feeding and swallowing disorders in the first two years of life: What role for the SLP?
3. Name: Maria Violante  
Institution: Department of Occupational Therapy, University of Pittsburgh, Pittsburgh, PA  
Aspects of Mentoring: **Primary Academic and Research Advisor** (2016-2018)  
Title: Chronic Pain and Ketogenic Diet (independent research project)  
Title: Jonas Salk Health Activist Fellowship Award – RoOT Project  
Title: Office of Diversity and Inclusion – ODI Mini Grant Award
4. Name: Alexa Schrieber  
Institution: Department of Occupational Therapy, University of Pittsburgh, Pittsburgh, PA  
Aspects of Mentoring: **Primary Academic and Research Advisor** (2016-2018)  
Title: Jonas Salk Health Activism Fellowship Award  
Title: American Occupational Therapy Children & Youth Special Interest Sections Student Internship  
Title: Department of Occupational Therapy Professional Excellence Award
5. Name: Sarah Walker  
Institution: Department of Occupational Therapy, University of Pittsburgh, Pittsburgh, PA  
Aspects of Mentoring: **Primary Academic Advisor** (2016-2018)  
Title: National Electrical Manufacturers Representatives Association Scholarship  
Title: Pennsylvania Occupational Therapy Association Scholarship  
Title: SHRS Travel Award  
Title: Department of Occupational Therapy Professional Excellence Award
6. Name: Caroline K. Bong  
Institution: Department of Genetic Counseling, University of Pittsburgh, Pittsburgh, PA  
Aspects of Mentoring: **Committee Member** – Master Thesis (2019-2020)  
Title: Exploring factors influencing reproductive decision-making in Duchenne muscular dystrophy (DMD) carriers

**Mentoring Undergraduate Students**

*Pittsburgh Science and Technology Academy, Executive Experience Project (High School Honors)*

1. May S. (2016). Sleep patterns observed in boys with Duchenne muscular dystrophy. Pittsburgh Public Schools (high-school trainee). Pittsburgh, PA. Role: **Chair** and mentor.

*Bachelor of Philosophy, Rehabilitation Science, Thesis*

2. Heil, Raechel (2017). The social and familial history of Down syndrome in the United States with current perspectives. Role: **Chair and primary research mentor.**

**Additional Products:**

Brackenridge Fellowship, 2017

**ACADEMIC ADVISING – UNIVERSITY OF PITTSBURGH (2013-present)**

**Academic Advisor, Master of Occupational Therapy Program**

1. 2014-15: 5 students
2. 2016-17: 4 students

**Academic Advisor, Master of Science in Rehabilitation Science with a Concentration in Occupational Therapy**

1. 2015-16: 5 students

**Academic Advisor, Master of Science in Occupational Therapy**

1. 2018: 5 students

**Academic Advisor, Occupational Therapy Doctoral Program**

1. 2018-2021: 5 students
2. 2019-2022: 5 students
3. 2020-2023: 4 students

**Academic Advisor, Clinical Science Doctoral Program**

1. 2015-2016: 2 students
2. 2016-2017: 2 students
3. 2018-2019: 1 student
4. 2021-2023: 1 student

**Faculty Mentor, Capstone Project, Occupational Therapy Doctoral Program**

1. 2018-2020: 5 students
  - a. *Products: Capstone Educational Program (2020)*
2. 2019-2021: 6 students
  - a. *Products: Capstone Educational Program (2021)*

**SERVICE**

**INTERNATIONAL, NATIONAL AND REGIONAL ORGANIZATIONS**

***International Service Organizations***

<i>Role, Service</i>	<i>Organization</i>	<i>Dates</i>
1. Committee member; Quality of Life Writing Group	Cooperative International Neuromuscular Research Group (CINRG)	2013-present
2. Committee member, Clinical Outcomes Group	Cooperative International Neuromuscular Research Group (CINRG)	2013-present

3.	Committee member, Scientific Review	Cooperative International Neuromuscular Research Group (CINRG)	2016-present
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**National Service Organizations**

American Occupational Therapy Association  
*Role, Service*

		<i>Organization</i>	<i>Dates</i>
1.	Associate Editor	American Journal of Occupational Therapy	2008-2017
2.	Lead Reviewer for AOTA – Guideline Endorsement	Evaluation, Diagnosis and Management of Congenital Muscular Dystrophies	August 2014
3.	Lead Reviewer for AOTA, Guideline Endorsement	Evaluation, Diagnosis and Management of Duchenne Muscular Dystrophy	August 2015
4.	AOTA Representative	American Academy of Neurology Muscular Dystrophy Measure Development Work Group	2013-2014
5.	University of Pittsburgh Representative	Pediatric Translational Research Interest & Mentoring Group (AOTA)	2013-present
6.	Faculty Mentor	Future Scientist Institute, Boston University	2017
7.	AOTA CEU Author	Occupational Therapy’s Contribution to Early Identification: Module 4 – Early Detection of Neuromuscular Disorders in Early Intervention Settings	2016-2017
8.	AOTF, Scientific Review Group	Scientific Reviewer, AOTF Intervention Research Grant Program	2017-present
9.	AOTA/AOTF Representative	Disability and Rehabilitation Research Coalition	2019-present

**National Service (other)**

1.	Nominated Member	American Association of Neuromuscular & Electrodiagnostic Medicine	2016-present
2.	Nominated Member	Sleep Research Society, Pipeline Development Committee	2019-present

**State, Regional Service Organizations**

	<i>Organization</i>	<i>Role, Service</i>	<i>Dates</i>
1.	North Central Florida Chapter, Infant Mental Health Association, Gainesville, FL	Committee Member	2004-2006
2.	North Florida Pediatric Forum, Gainesville, FL	Committee Member	2005-2013
3.	Coalition for Healthy Kids, Alachua County, FL	Committee Member	2005-2013
4.	Alachua County Annual Science Fair, Gainesville, FL	Science Fair Judge	2009-2013
5.	Porters Community, Gainesville, FL	Coordinator, Health/Accessibility Fair	2012

6.	Health Street, Gainesville, FL	Coordinator, OT Awareness Month	2012
7.	Balance 180, Gainesville, FL	Lead Instructor, Adaptive Gymnastics	2012-2013
8.	The Andy Warhol Museum Advisory Committee	Program for Children with Special Needs	2016-present
9.	Children's Museum of Pittsburgh Advisory Board	Member	2016-2019
10.	Pittsburgh Symphony Sensory Friendly Events	Faculty Advisor/Volunteer	2016-present
11.	Homewood Children's Village, Baby Promise	Child Development Expert	2017-2019
12.	Winchester Thurston Upper School, Pittsburgh	Research Project Advisor	2017-present

**University and School Service Activities**

	<i>Role, Service</i>	<i>Organization</i>	<i>Dates</i>
1.	Faculty Advisor/Mentor	University of Florida Minority Mentor Program	2008-2010
2.	Marshal, Graduation	University of Florida	2008-2011
3.	Faculty Advisor	H.E.L.P. (Helping Every Little Person), University of Florida	2009-2013
4.	Qualitative Advisor	Interdisciplinary Qualitative Analysis Group, University of Florida	2009-2013
5.	Executive Committee Member	ImagingDMD, University of Florida	2010-2016
6.	Search Committee Member	Department of Behavioral Science & Community Health, University of Florida	2012
7.	Committee Member	Rehabilitation Science Doctoral Steering Committee, University of Florida	2012-2013
8.	Marshal, Graduation	University of Pittsburgh	2014-2015
9.	Elected Faculty Representative and Diversity Officer	School of Health and Rehabilitation Sciences, Dean Search Committee, Univ. of Pittsburgh	2015-2016
10.	Committee Member	Planning and Budgeting Committee, School of Health & Rehabilitation Sciences, University of Pittsburgh	2015-present
11.	Faculty Advisor, MOT Students	Warhol Museum Sensory Friendly Event(s)	2016-2018
12.	Faculty Advisor, MOT/OTD Students	Pittsburgh Symphony Sensory Friendly Event(s)	2016-present
13.	Grant Reviewer, SHRS Research Development Fund	SHRS, University of Pittsburgh	2016-present
14.	Dissertation Moderator	SHRS, University of Pittsburgh	2016 (3) 2019 (1)
15.	SHRS Scientific Review Committee/Doctoral Award Program	SHRS, University of Pittsburgh	2017-present

16.	SHRS Senate Elections Committee	SHRS, University of Pittsburgh	2017-2019
17.	University of Pittsburgh Senate Equity, Inclusion and Anti-discrimination Advocacy Committee	University of Pittsburgh	2018-2021
18.	Grant Reviewer, Office of Research, Health Sciences, Competitive Medical Research Fund	University of Pittsburgh	2018-present
19.	Faculty Advisor, OTD Students	Pittsburgh Cultural Trust Events	2019-present
20.	SHRS Member (Department representative)	Mentoring & Career Development Task Force	2020-present
21.	SHRS Promotion Review Committee	Chair, Dean's Ad Hoc Committee Member, Dean's Ad Hoc Committee	2020 2020
22.	SHRS Appointment Promotion and Tenure (APT) Committee.	Appointed Member	2021-

**Department of Occupational Therapy Service Activities**

<i>Role, Service</i>		<i>Dates</i>
1. Faculty Mentor	Master in Occupational Therapy, Mentored Community Projects, University of Florida	2008-2012
2. Committee Member	Master in Occupational Therapy Admissions Committee, University of Florida	2010-2013
3. Committee Member	Department of Occupational Therapy Tenure-Stream Search Committee University of Pittsburgh	2014-2015
4. Program Director	Master of Science Program in Occupational Therapy, University of Pittsburgh	2015-2018
5. Committee Member	Department of Occupational Therapy Academic Fieldwork Educator Search Committee, University of Pittsburgh	2015
6. Entry-Level Admissions & Review Committee Member	Department of Occupational Therapy University of Pittsburgh	2016-present
7. Lead, Scientific Review Team, Pediatrics	Department of Occupational Therapy, University of Pittsburgh	2017-present
8. Lead, OT 2225 and OT 3207 Curriculum Design Experiential Capstone Project Development	Department of Occupational Therapy, University of Pittsburgh	2018-present
9. OTD Capstone Steering Committee Member	Department of Occupational Therapy, University of Pittsburgh	2018-present
10 CScD Course Development (online) – OT 3100 and OT 3300	Department of Occupational Therapy, University of Pittsburgh	2020-present

***Clinical Service Activities***

*Role, Service*

*Organization*

*Dates*

Clinical Evaluator

Muscular Dystrophy Clinic, Shands Hospital,  
Gainesville, FL

2007-2013

Clinical Evaluator

Cooperative International Neuromuscular  
Research Group (CINRG), University of  
Pittsburgh

2013-present