

Dawn Marie Magnusson, PT, PhD
Mailstop C244, 13121 East 17th Avenue, Aurora CO 80045
303-724-8597
Physical Therapy Program, University of Colorado Anschutz Medical Campus

Education:

University of Wisconsin – Madison Madison, WI	PhD Population Health Sciences Minor: Cultural Anthropology	2010-2014
University of Wisconsin – Madison Madison, WI	Capstone Certificate Global Health	2010-2012
University of Wisconsin – Madison Madison, WI	MS Physical Therapy	1998-2000
Lawrence University Appleton, WI	BA Biology	1991-1995

Licensure Information:

Wisconsin 9528-24 (Exp. 2/28/2020)

Employment and Positions Held:

2016 –	Assistant Professor, Physical Therapy Program School of Medicine, University of Colorado Anschutz Medical Campus, Aurora CO
2015 – 2017	Physical Therapy Supervisor, San-Lucas-Tolimán, Guatemala School of Medicine & Public Health, University of Wisconsin – Madison, Madison WI
2014 – 2016	Postdoctoral Fellow, General Academic Pediatrics Johns Hopkins University, Baltimore MD
2014	Teaching Assistant, <i>Health Program Planning, Evaluation and Quality Improvement</i> School of Nursing, University of Wisconsin – Madison, Madison WI
2013	Teaching Assistant, <i>Principles of Population Medicine and Epidemiology</i> School of Medicine & Public Health, University of Wisconsin – Madison, Madison WI
2013	Project Assistant, Survey of the Health of Wisconsin (SHOW) School of Medicine, University of Wisconsin – Madison, Madison WI
2012 – 2014	Pediatric Physical Therapist, Imagine a Child's Capacity, Madison WI
2012 – 2014	Pediatric Physical Therapist, United Cerebral Palsy, Madison WI
2012	Teaching Assistant, <i>Advanced Regression Methods in Population Health</i> School of Medicine & Public Health, University of Wisconsin – Madison, Madison WI

- 2010 – Physical Therapy Supervisor, Toledo District, Belize
School of Medicine & Public Health, University of Wisconsin – Madison, Madison WI
- 2010 – 2012 Research Assistant, National Children’s Study
Waisman Center, University of Wisconsin – Madison, Madison WI
- 2010 – 2011 Trainee, Maternal and Child Health Leadership Education in Neurodevelopmental Disabilities Program (MCH LEND)
Waisman Center, University of Wisconsin – Madison, Madison WI
- 2001 – Adjunct Faculty, Physical Therapy Program
School of Medicine & Public Health, University of Wisconsin – Madison, Madison WI
- 2000 – 2010 Pediatric Physical Therapist, Rehab Resources Inc, Beaver Dam WI
- 1999 – 2000 Trainee, Interdisciplinary Training Program in Early Intervention (ID TRAIN)
Waisman Center, University of Wisconsin – Madison, Madison WI
- 1995 – 1998 Research Specialist, Department of Medical Microbiology and Immunology
School of Medicine & Public Health, University of Wisconsin – Madison, Madison WI

Scholarly Agenda

Dr. Magnusson’s research seeks to employ mixed methods and community-based participatory research as a means of developing meaningful and innovative models of care that advance health equity for traditionally underserved populations of children with developmental delay or disability.

Peer Reviewed Publications:

1. **Magnusson DM**, Rethorn AD, Bradford EH, Maxwell J, Ingman MS, Davenport T, Bezner J. *Population Health, Prevention, Health Promotion, and Wellness Competencies in Entry-Level Physical Therapist Education: Results of a Modified Delphi Study*. Physical Therapy (Under Review)
2. **Magnusson DM**, Murphy N, Pena-Jackson G. *Community-Engaged Research to Translate Developmental Screening and Referral Processes into Locally-Relevant, Family-Centered Language*. Maternal and Child Health Journal (Accepted).
3. Rovzar C, Judd DL, **Magnusson DM**. *Disparities in Geographic Proximity to Outpatient Physical Therapist Services in a Large Metropolitan Area*. The Physical Therapy Journal of Policy, Administration and Leadership. 2019;3:5-12
4. **Magnusson DM**, Eisenhart M, Gorman I, Kennedy VK, Davenport T. *Adopting population health frameworks in physical therapist practice: the urgency of now*. Physical Therapy. 2019;99(8):1039-47
5. **Magnusson DM**, Sweeney F, Landry MD. *Provision of rehabilitation services for children with disabilities living in low- and middle-income countries: A scoping review*. Disability and Rehabilitation. 2019;41(7):861-8
6. Miller MJ, **Magnusson DM**, Lev G, Fields TT, Cook PF, Stevens-Lapsley JE, Christiansen CL. *Relationships among perceived functional capacity, self-efficacy, and disability after dysvascular amputation*. Physical Medicine and Rehab. 2018;10(10):1056-61
7. Parasuraman S, Lindstrom-Johnson S, **Magnusson DM**, King T. *Meeting Quality Measures for Adolescent Preventive Care: Assessing the Perspectives of Key Stakeholders*. The Joint Commission Journal on Quality and Patient Safety. 2018;44(3):146-54.

8. Pechak C, **Magnusson DM**, Black J. *Transforming Society: Global Health and Health Policy*. PT Journal of Policy, Administration, and Leadership. 2017;17(2):6-11
9. **Magnusson DM**, Minkovitz CS, Kuhlthau KA, Caballero TM, Mistry KB. *Beliefs regarding development and early intervention among low-income African American and Hispanic mothers*. Pediatrics. 2017; 140(5):e20172059
10. **Magnusson DM**, Cal F, Boissonnault J. *Influence of a short-term disability awareness program on knowledge and attitudes of school-aged children in Southern Belize: results of a community-university partnership*. PT Journal. 2017;97(4):408-16
11. Landry M, Raman S, Kennedy K, **Magnusson DM**. *Zika Virus, global public health, disability, and rehabilitation: connecting the dots*. PT Journal. 2017;97(3):275-9
12. **Magnusson DM**, McManus B. *State-level disparities in parent-reported unmet therapy need among infants and toddlers with developmental delay in the United States*. PT Journal of Policy, Administration, and Leadership. 2017;17(1):3-13
13. **Magnusson DM**, Mistry K. *Racial and ethnic disparities in parent-reported unmet need for pediatric therapy services: The role of family-centered care*. Academic Pediatrics. 2017;17(1):27-33.
14. **Magnusson DM**, Roe M, Hartman J. *Community Perspectives: Evaluation of a community-based rehabilitation program in Southern Belize one year post-implementation*. Disability and Rehabilitation. 2016 (Epub ahead of print)
15. **Magnusson DM**, Palta M, McManus B, Benedict R, Durkin M. *Capturing unmet therapy need among young children with developmental delay using national survey data*. Academic Pediatrics. 2016;16(2):145-53.
16. Paltzer J, **Magnusson DM**, Diprete-Brown L. *Scaling up success to improve health: Toward a rapid assessment guide for decision-makers*. Global Journal of Medicine and Public Health. 2015;4(2):1-11.
17. **Magnusson DM**, Roe M, Hartman J. *Community Based Rehabilitation in Southern Belize*. Physical Therapy Journal of Policy, Administration, and Leadership. 2014;14(3):25-27.
18. McManus B, **Magnusson DM**, Rosenberg S. *Restricting state Part C eligibility policy is associated with lower early intervention utilization*. Maternal and Child Health Journal. 2013;18(4):1031-7.
19. Bangs J, **Ransom DM**, Nimick M, Christie G, Hooper N. *In vitro cytotoxic effects on Trypanosoma brucei and inhibition of Leishmania major GP63 by peptidomimetic metalloprotease inhibitors*. Mol Biochem Parasitol. 2001;114(1):111-7.
20. McDowell M, **Ransom DM**, Bangs J. *Glycosylphosphatidylinositol-dependent secretory transport in Trypanosoma brucei*. Biochem J. 1998;335 (Pt 3):681-9.
21. Bangs J, **Ransom DM**, McDowell M, Brouch E. *Expression of bloodstream variant surface glycoproteins in procyclic stage Trypanosoma brucei: role of GPI anchors in secretion*. EMBO J. 1997;16(14):4285-94.
22. Bangs J, Brouch E, **Ransom DM**, Roggy J. *A soluble secretory reporter system in Trypanosoma brucei. Studies on endoplasmic reticulum targeting*. J Biol Chem. 1996;271(31):18387-93.

Podcasts

1. PTJ Podcast (2019): Population Health Approaches Are an Opportunity for Physical Therapists to Show Additional Value: An Author Interview with Dr. Dawn Magnusson (Alan Jette, Moderator)
2. Healthcare Education Transformation (2018): Health and Wellness Terminology in Healthcare Provider Education (Brandon Poen and F Scott Feil, Moderators)
3. Healthcare Reboot (2017): Population Health (Jason Robinson and Dianne Jewell, Moderators)

Published Abstracts of Peer Reviewed Scientific and Professional Presentations:

Peer Reviewed Scientific and Professional Presentations:

1. **Magnusson DM**, Bullock DD, Milligan ML, Tillman RC. (February 2020) *Better Together in Diversity, Equity, and Inclusion: Transforming Society through Equitable Policies*. American Physical Therapy Association Combined Sections Meeting. Educational Session. Denver, CO.
2. Weatherford JT, Stilphen MS, Friedman MA, Caldwell TJ, Hunter SJ, Tompkins J, Flesch P, Martin MD, **Magnusson DM**. (February 2020) Health System Current Topics, Strategies, and Innovations. American Physical Therapy Association Combined Sections Meeting. Preconference. Denver, CO.
3. LeDoux CV, Stutzbach JA, Jansen ML, **Magnusson DM**, Stevens-Lapsley JE. (February 2020) *Perceived Barriers to Physical Activity in Sedentary Adults with Total Knee Arthroplasty*. American Physical Therapy Association Combined Sections Meeting. Platform Session. Denver, CO.
4. Miller MJ, Morris MA, **Magnusson DM**, Putnam K, Cook PF, Schenkman ML, Christiansen CL. (February 2020) Mechanisms of greater physical activity after dysvascular amputation: a convergent mixed-methods study. American Physical Therapy Association Combined Sections Meeting. Platform Session. Denver, CO.
5. **Magnusson DM**, Davenport T, Brach J, Danilovich M, Greenhagen S, Robinson J. (January 2019) *Community Health Promotion Grant Writing Workshop*. American Physical Therapy Association Combined Sections Meeting. Preconference. Washington, DC
6. Beckel C, **Magnusson DM**, Hartman J. (January 2019) *Applying Proposed Guidelines for International Clinical Education*. American Physical Therapy Association Combined Sections Meeting. Educational Session. Washington, DC
7. Landry M, Keyser L, Raman S, **Magnusson DM**. (January 2019) *The Great Convergence: Global Health, Disability, and Rehabilitation*. American Physical Therapy Association Combined Sections Meeting. Educational Session. Washington, DC
8. **Magnusson DM**, Johnson C. (November 2018) *Applying population health frameworks in pediatric physical therapist practice to promote child and family wellness*. Academy of Pediatric Physical Therapy Annual Conference. Educational Session. Chattanooga, TN.
9. **Magnusson DM**, Patel RM, Eisenhart M, Rethorn Z, Milligan M, Davenport T. (June 2018) *Prevention and health promotion in entry-level physical therapy education: meeting societal needs*. American Physical Therapy Association NEXT Conference. Poster Session. Orlando, FL.
10. Patel RM, Davenport TE, Berglund JL, Gamboa JM, Eisenhart M, Berner P, **Magnusson DM**, Zeigler S, Ettinger L, Gallardo OG, Morris DM, Bagley JS, White NT, Schrodt L, Bohmert J. (February 2018) *Designing and implementing effective prevention and health promotion models*. American Physical Therapy Association Combined Sections Meeting. Preconference. New Orleans, LA.
11. Davenport TE, **Magnusson DM**, Eisenhart M. (February 2018) *Toward "Transforming Society": The role of physical therapy in population health*. American Physical Therapy Association Combined Sections Meeting. Educational Session. New Orleans, LA.
12. **Magnusson DM**, Kennedy K, Landry M. (February 2018) *Building partnerships in global health: where to start and how to document progress*. American Physical Therapy Association Combined Sections Meeting. Educational Session. New Orleans, LA.
13. **Magnusson DM**, Sweeney F, Murphy N. (February 2018) *Use of a novel community-based participatory research approach to translate evidence-based medical guidelines into a culturally appropriate decision aid for clients*. American Physical Therapy Association Combined Sections Meeting. Poster Session. New Orleans, LA.
14. Rovzar C, Judd D, **Magnusson DM**. (February 2018) *A spatial analysis of disparities in access to physical therapy services in the Denver metro region using mapping technology*. American Physical Therapy Association Combined Sections Meeting. Platform Session. New Orleans, LA.
15. Pechak C, Black J, **Magnusson DM**, Gorman I. (February 2017) *Love global health? Then care*

- about policy!* American Physical Therapy Association Combined Sections Meeting. Educational Session. San Antonio, TX.
16. McManus B. Falvey J. Kittelson A. **Magnusson DM.** (February 2017) *Using data to inform health policy and reimbursement.* American Physical Therapy Association Combined Sections Meeting. Educational Session. San Antonio, TX.
 17. Pechak C. **Magnusson DM.** Garrand K. Jimenez L. Sharby N. (February 2017) *Disability Competence Education: Not Just Wheelchair for a Day.* American Physical Therapy Association Combined Sections Meeting. Educational Session. San Antonio, TX.
 18. **Magnusson DM.** (November 2016) *Disparities in Early Intervention Utilization and Unmet Therapy Need: Implications for the Pediatric Physical Therapist.* Section on Pediatrics Annual Conference. Educational Session. Keystone, CO.
 19. **Magnusson DM,** Minkovitz C, Kuhlthau K, Mistry K. (May 2016) *Parent beliefs regarding use of Early Intervention services.* Pediatric Academic Societies Meeting. Platform Session. Baltimore, MD.
 20. **Magnusson DM.** Deluca C. Heitzman J. Martinez A. Patterson K. (February 2016) *Conducting a Community-Based Rehabilitation Assessment within the context of a student global health experience.* American Physical Therapy Association Combined Sections Meeting. Poster Session. Anaheim, CA.
 21. **Magnusson DM.** Cal F. Boissonnault J. (February 2016) *Effectiveness of a disability awareness curriculum in influencing student knowledge of and attitudes toward people with disabilities in Southern Belize.* American Physical Therapy Association Combined Sections Meeting. Platform Session. Anaheim, CA.
 22. **Magnusson DM.** McManus B. Arnold S. Pullen S. (February 2016) *Community engaged research in physical therapy.* American Physical Therapy Association Combined Sections Meeting. Educational Session. Anaheim, CA.
 23. **Magnusson DM.** Hartman J. Landry M. Footer C. Mulligan N. Hayward L. Sawyer K. Carey J. (February 2016) *Global health experiences – who benefits?* American Physical Therapy Association Combined Sections Meeting. Educational Session. Anaheim, CA.
 24. **Magnusson DM.** Klappa S. (October 2015) *Global health opportunities post-graduation.* American Physical Therapy Association National Student Conclave. Educational Session (Accepted). Omaha, NE.
 25. Parasuraman S. Lindstrom-Johnson S. **Magnusson DM.** King T. *Meeting quality measures for adolescent well care: comparing the perspectives of diverse stakeholders.* Pediatric Academic Society Annual Meeting. Poster Presentation. San Diego, CA.
 26. **Magnusson DM.** Mistry K. (April 2015) *Family centered care mediates disparities in unmet need for developmental services among young children with delay.* Pediatric Academic Society Annual Meeting. Poster Presentation. San Diego, CA.
 27. Parasuraman S. Lindstrom-Johnson S. **Magnusson DM.** King T. (February 2015) *Quality improvement strategies for adolescent well care utilization: assessing perceptions among key stakeholders.* Academic Pediatrics Association Region IV Meeting. Platform Presentation. Charlottesville, VA.
 28. **Magnusson DM.** (February 2015) *Meeting the Needs of Children and Families Participating in Part C Early Intervention: Parent and Provider Perceptions in the State of Wisconsin.* American Physical Therapy Association Combined Sections Meeting. Poster Presentation. Indianapolis, IN.
 29. **Magnusson DM.** (February 2015) *Physical, Occupational, and Speech Therapy Services for Young Children with Developmental Delay: Capturing Unmet Service Needs Using National Survey Data.* American Physical Therapy Association Combined Sections Meeting. Platform Presentation. Indianapolis, IN.

30. Paltzer J. **Magnusson DM**, Diprete-Brown L. (May 2014) *Scaling up success to improve health: Toward a rapid assessment guide for decision-makers*. Consortium of Universities for Global Health. Poster Session. Washington DC.
31. **Magnusson DM**, McManus B. (November 2013) *Are state policies associated with perceived-need and unmet need for therapy services among infants and toddlers with special health care needs?* American Public Health Association Conference. Poster Session. Boston, MA.
32. **Magnusson DM**. (April 2013). *Evaluation of a community-based rehabilitation program in Toledo District, Belize*. University of Wisconsin Global Health Symposium. Poster Session. Madison, WI.
33. **Magnusson DM**. (December 2012) *Examining unmet therapy need among infants and toddlers with special health care needs*. Maternal and Child Health Epidemiology Conference. Platform Presentation. San Antonio, TX.
34. **Magnusson DM**, Hartman J, Roe M. (April 2012) *Implementation of a community-based rehabilitation program in Toledo District, Belize*. University of Wisconsin Global Health Symposium. Platform Presentation. Madison, WI.
35. **Magnusson DM**, Hallisy K, Boissonault J. (March 2012). *Doctor of Physical Therapy Program service-learning project in Toledo District, Belize*. University of Wisconsin Medical Education Day. Poster Session. Madison, WI.
36. **Magnusson DM**. (April 2011) *A Comparison of early intervention programs in Belize and Wisconsin*. University of Wisconsin Global Health Symposium. Poster Session. Madison, WI.

Non-Peer Reviewed Publications:

1. **Magnusson DM**. Transforming Society through Population Health: Pathways to Population Health. (April 2019) HPA-The Catalyst (Section of the American Physical Therapy Association) Monthly Newsletter.
2. **Magnusson DM**. Transforming Society through Population Health: Population Health and Social Determinants of Health. (May 2019) HPA-The Catalyst Monthly Newsletter.
3. **Magnusson DM**. Transforming Society through Population Health: Legal Advocacy to Improve Care for Clients with Complex Needs. (June 2019) HPA-The Catalyst Monthly Newsletter.
4. **Magnusson DM**. Transforming Society through Population Health: Symposium on the Culture of Disability, Xi'an China. (August 2019) HPA-The Catalyst Monthly Newsletter.
5. **Magnusson DM**. Transforming Society through Population Health: Health Information Technology – Breaking Down Silos. (September 2019) HPA-The Catalyst Monthly Newsletter.
6. **Magnusson DM**. Transforming Society through Population Health: Health Information Technology – Unlocking the Potential. (October 2019) HPA-The Catalyst Monthly Newsletter.

Invited Presentations:

1. **Magnusson DM** and Fletcher J (September 2019) *Promoting Population Health through Movement*. American Physical Therapy Association Insurers' Forum. Alexandria, VA
2. **Magnusson DM** (July 2019) *Childhood Disability in the United States*. Culture of Disability Symposium. Xi'an, China
3. **Magnusson DM** (October 2018) *Best Practices in Community Health Promotion*. Rocky Mountain Annual Conference and PT Expo. Vail, CO
4. **Magnusson DM** and Kittelson A (October 2018) *Using Electronic Health Record Data to Enhance Physical Therapist Practice*. Rocky Mountain Annual Conference and PT Expo. Vail, CO
5. **Magnusson DM** and Freeman BK (October 2018) *Now What? Facilitating Culturally-Sensitive Referrals*. Zero to Three National Annual Conference. Denver, CO
6. **Magnusson DM** (September 2018) *Building a Community to Improve the Health of Society: Foundations of Population Health, Prevention, and Health Promotion*. California Physical Therapy Association Annual Conference. Santa Clara, CA
7. **Magnusson DM** (September 2018) *Population Health in Physical Therapist Practice*. American Physical Therapy Association State Policy and Payment Forum. Kansas City, MO

8. **Magnusson DM**, Gorman I, Rethorn Z, Hinze C, Eisenhart M. (September 2018) *Applying Population Health Frameworks in Physical Therapist Practice, Part 3: Policy in Action*. American Physical Therapy Association Webinar
9. **Magnusson DM**, Robinson J, Bagley J, Patel R (2018) *Applying Population Health Frameworks in Physical Therapist Practice, Part 2: Community Engagement*. American Physical Therapy Association Webinar
10. **Magnusson DM**, Berner P, Siengsukon CF, Fletcher J (2017) *Applying Population Health Frameworks in Physical Therapist Practice*. American Physical Therapy Association Webinar
11. **Magnusson DM** (2017) *Early child development – Beyond height and weight*. 2040 Partners for Health, Health Summit. Denver, CO
12. **Magnusson DM** (2017) *Social determinants of maternal and child health*. School of Public Health, University of Colorado Anschutz Medical Campus
13. **Magnusson DM**. (2017) *Life course approach in physical therapy*. DPT Program, School of Medicine, University of Colorado Anschutz Medical Campus
14. **Magnusson DM**. (2016 – Present) *Primary prevention and health promotion in physical therapy practice*. DPT Program, University of Colorado Anschutz Medical Campus
15. **Magnusson DM**. (2001 – Present) *Physical therapy interventions for children and adults with Autism Spectrum Disorders*. Department of Orthopedics and Rehabilitation DPT Program, University of Wisconsin - Madison
16. **Magnusson DM**. (April 2015) *Family-centered anticipatory guidance around early intervention services for parents of children with developmental delay*. Johns Hopkins University, Center for Community Health Research Seminar. Baltimore, MD.
17. **Magnusson DM**. (2010-2014) *Global health practices and opportunities in physical therapy*. Department of Orthopedics and Rehabilitation DPT Program, University of Wisconsin - Madison
18. **Magnusson DM**. (October 2013) *Research to Practice – Implications of disparities in the need for and receipt of therapy services among infants and toddlers*. Maternal and Child Health Leadership Education in Neurodevelopmental Disabilities Program (MCH Lend), Waisman Center, University of Wisconsin – Madison
19. **Magnusson DM**. (March 2011) *Epidemiology of autism and other developmental disabilities*. Maternal and Child Health Leadership Education in Neurodevelopmental Disabilities Program (MCH Lend), Waisman Center, University of Wisconsin – Madison

Funded/In Review Grant Activity:

Ongoing Support

Mueller (PI) 5K12HD055931-13

09/01/2018 – 08/31/2021

Role: Scholar, Project PI

Reducing disparities in therapy utilization through community-based participatory research. The objectives of this study include: 1) employing a robust, community-based participatory research process (Boot Camp Translation) to create a novel developmental screening and therapy decision aid for use in pediatric primary care settings; 2) determining the feasibility and acceptability of the decision aid in a pediatric primary care setting; and 3) testing the clinical effectiveness of the decision aid (relative to standard care) in rates enhancing shared decision-making and increasing therapy utilization rates. (\$360,000)

Magnusson D (PI) CCTSI Community Engagement Program

11/01/2018 – 10/31/2019

Promoting Early Identification and Intervention for Children with or at Risk for Developmental Delay.

The primary objective of this pilot project is to inform the dissemination and evaluation of a community-based tool that (1) enhances shared decision-making between caregivers, family members, and service providers, and (2) improves early identification and intervention for children

with or at risk for DD. This aligns with our broader goal of developing a community translational research agenda that raises awareness, highlights the importance of community-based solutions, and reduces racial/ethnic disparities in the early identification of children with DD living in the 2040 footprint, and their use of early intervention services. (\$30,000)

Magnusson D (PI) Center on Health Services Training and Research 01/01/2020 – 12/31/2020
Use of Health Information Technology to Guide Therapy Referrals for Children at Risk for Developmental Delay. The long-term goal of this work is to develop a clinical decision support tool that leverages child and family data to better predict developmental trajectories for children at risk for developmental delay through the following specific aims: 1) identify child and family level factors associated with developmental outcomes at ages 3 and 5 years; and 2) develop a robust predictive tool that will serve as the basis for a clinical decision support tool for children ages 5 years and younger.

Under Review

Magnusson D (PI) AHRQ K01 04/01/2020 – 03/31/2023
Parents as Empowered Consumers: Development and Pilot of a Parent Activation Intervention to Enhance Shared Decision-Making with Parents of Children with Developmental Delay. Specific Aims: 1) Assess parental knowledge, attitudes (values and priorities), beliefs, and skills as they relate to early identification/intervention; 2) Co-develop a parent activation intervention alongside parents, family members, and healthcare professionals; and 3) Conduct a pilot pragmatic trial to assess the intervention's acceptability and feasibility in pediatric primary care. (\$372,168)

Magnusson D (PI) NIH NIMHD R21 04/01/2020 – 03/31/2022
Developing and Testing a Decision Support Tool for Immigrant Parents of Children with Delayed Development to Address Disparities in Early Identification and Intervention. Specific Aims: 1) assess the decisional needs of immigrant parents as they relate to early intervention, 2) develop an evidence-based, culturally-appropriate decision support tool for immigrant parents of young children with DD, and 3) assess acceptability and feasibility of the tool in community-based primary care practices. (\$395,353)

Completed Support

Magnusson D (PI) UCD-Department of PM&R 03/01/2017 – 02/28/2018
Development of a novel decision aid to improve early identification and intervention for children with developmental delay. The objectives of this study include: 1) assessing community beliefs regarding the help-seeking pathway for children with developmental delay, 2) identifying factors that promote or impede the integration of standard developmental surveillance screening guidelines and pediatric therapy service recommendations with community beliefs, and 3) developing a novel decision aid that integrates evidence-based guidelines and service recommendations. (\$10,000)

Magnusson D (PI) Academic Pediatric Association/Bright Futures 03/01/2015 – 02/28/2016
Anticipatory guidance for parents of children with developmental delay: Exploring the role of parent beliefs in Early Intervention utilization. The purpose of this study was to explore the complex interrelationship between parent beliefs and early intervention use in a large metropolitan area in the United States, and to inform family-centered anticipatory guidance for parents of children with developmental delay. (\$15,000)

Magnusson D (PI) Foundation for Physical Therapy, PODSII 09/01/2013 – 08/31/2014

Individual, Community, and State Level determinants of Unmet Need for Physical, Occupational, or Speech Therapy Services among Young Children with Developmental Delay. The purpose of this study was to examine the individual, community, and state-level determinants of unmet need for physical, occupational, or speech therapy services among children with developmental delay living in the United States. (\$15,000)

Membership in Scientific/Professional Organizations:

- 2014 – Academic Pediatric Association
Special Interest Groups: Culture, Ethnicity, and Health Care; Global Health; Serving the Underserved
- 2012 – Academy Health
Special Interest Groups: Child Health Services Research; Disability Research; Disparities
- 2012 – American Public Health Association
Sections: Disability; Global Health; Maternal and Child Health
- 1998 – American Physical Therapy Association
Sections: Education; Health Policy and Administration – The Catalyst; Pediatrics; and Research. Special Interest Groups: Early Intervention; Global Health

Consultative and Advisory Positions Held:

- 2019 – Co-Chair, American Physical Therapy Association Population Health Initiative

Community Service:

Board of Directors

- 2018 - *American Physical Therapy Association, Section on Health Policy, Administration, and Leadership (HPA The Catalyst). Director of Scholarship*
- 2015 - 2018 *Manos Unidos International, Cusco Peru
Chair of Programming Committee*

Councils

- 2018 - Developmental Screening and Referral Policy Council. Colorado Department of Public Health and Environment
- 2017 - Council for Prevention, Health Promotion, and Wellness. American Physical Therapy Association. Principal Investigator of a project seeking to understand the delivery of prevention, health promotion, and wellness content in entry-level physical therapist educational programs, and inform the development of entry-level competencies in these areas.

Grant Reviewer

- 2018 - HPA The Catalyst
- 2016 - Academy of Pediatric Physical Therapy

Manuscript Reviewer

- 2018 - Pediatrics
- 2017 - Frontiers in Public Health
- 2017 - Maternal and Child Health Journal

- 2016 - Physical Therapy Journal
- 2015 - Pediatric Physical Therapy
- 2014 - Physical Therapy Journal of Policy, Administration, and Leadership

Abstract Reviewer

- 2018 - World Confederation of Physical Therapy Congress
- 2016 - American Physical Therapy Association Combined Sections Meeting
- 2016 - Academy of Pediatric Physical Therapy Annual Conference
- 2014 - 2016 Pediatric Academic Societies Annual Meeting

Committees

- 2016 - Member, Grants Subcommittee. American Physical Therapy Association, Academy of Pediatric Physical Therapy, Research Committee
- 2016 - Chair, Research and Publications Committee. American Physical Therapy Association, HPA The Catalyst Section, Global Health Special Interest Group
- 2012 - Hillside Healthcare International Community-Based Rehabilitation Program, Member
- 2012 - 2014 University of Wisconsin Doctor of Physical Therapy Admissions Committee, Member

Other

- 2011 National Science Olympiad, Proctor and Grader for "Disease Detectives"
- 2010 - 2014 University of Wisconsin Department of Population Health Sciences Student Organization. Elected to position of Vice President Fall 2011, and President Spring 2012. Committees: Volunteerism; Student Outreach; and Work Environment

Services to the University/College/School on Committees/Councils/Commissions:

- 2018 – Faculty Advisor, Doctor of Physical Therapy Program Class of 2020
- 2016 – Chair, Committee for Diversity, Equity, and Inclusion, Physical Therapy Program School of Medicine, University of Colorado Anschutz Medical Campus, Aurora CO
- 2016 – Chair, Taskforce for Client and Community Engagement, Physical Therapy Program School of Medicine, University of Colorado Anschutz Medical Campus, Aurora CO

Honors and Awards:

- 2016 Culture of Health Leaders Semi-Finalist, Robert Wood Johnson Foundation
- 2016 Social Responsibility Research Award, Recognition for Research Presented at the APTA Combined Sections Meeting, Health Policy and Administration Global Health Special Interest Group
- 2015 Dissertation Award, American Physical Therapy Association, Section on Pediatrics
- 2013 Vilas Travel Grant, University of Wisconsin – Madison
- 2013 Donn D'Alessio Student Award for good citizenship, excellence in research and academics, and active involvement in student affairs, Department of Population Health Sciences, University of Wisconsin – Madison
- 2013 Wisconsin Without Borders Recognition Award for globally engaged scholarship. Global Health Institute, University of Wisconsin – Madison
- 2012 Travel Grant, Maternal and Child Health Epidemiology Conference, San Antonio TX
- 2010 Faculty Development Award: Service Learning Project in Toledo District, Belize. Global Health Institute, University of Wisconsin – Madison
- 2000 Class Speaker, Physical Therapy Program Graduation, University of Wisconsin – Madison

- 1999 Margaret Kohli Scholarship for outstanding academic achievement and potential for leadership in the field of physical therapy, Physical Therapy Program, University of Wisconsin – Madison
- 1995 Magna cum Laude, Lawrence University

Selected Continuing Education Attended (Last 5 Years):

Educational Leadership Conference, Bellevue WA, October 2019

American Physical Therapy Association NEXT Conference, Chicago IL, June 2019

American Physical Therapy Association Combined Sections Meeting, Washington DC, Jan 2019

American Physical Therapy Association NEXT Conference, Orlando FL, June 2018

American Physical Therapy Association Combined Sections Meeting, New Orleans LA, Feb 2018

American Physical Therapy Association NEXT Conference, Boston MA, June 2017

American Physical Therapy Association Combined Sections Meeting, San Antonio TX, Feb 2017

Section on Pediatrics Annual Conference, Keystone CO, Nov 2016

Pediatric Academic Society, Baltimore MD, May 2016

American Physical Therapy Association Combined Sections Meeting, Anaheim CA, Feb 2016

System-wide Solutions for Developmental-Behavioral Concerns, AUCD, Feb 2016

Be A Part of Learn the Signs Act Early: Promising Practices, AUCD, Dec 2015

Section on Pediatrics Annual Conference, Pittsburgh PA, Nov 2015

Building Bridges to Improve Population Health Conference, Washington DC, Oct 2015

Education Leadership Conference, Baltimore MD, Oct 2015

Act Early Systems Change to Improve Early Identification, AUCD, Aug 2015

Pediatric Academic Society, San Diego CA, May 2015

American Physical Therapy Association Combined Sections Meeting, Indianapolis IN, Feb 2015

Section on Pediatrics Annual Conference, St. Louis MO, Oct 2014

National Conference on Engaging Communities in Research, Washington DC, Aug 2014

Your Research Career Workshop, Baltimore MD, July 2014

American Physical Therapy Combined Sections Meeting, Las Vegas NV, Feb 2014

American Public Health Association Annual Conference, Boston MA, Nov 2013

Student Mentoring

PhD Trainees

Lindsay Ollerenshaw, BA (2019 – Present). Trainee Position: PhD Student, University of Colorado.

Current Position: Student

Role: Primary Mentor

Chelsey Anderson, CPO (2017 – Present). Trainee Position: PhD Student, University of Colorado.

Current Position: Student

Role: Dissertation Committee Chair

Cherie LeDoux, DPT (2017 – Present). Trainee Position: PhD Student, University of Colorado

Current Position: Student

Role: Dissertation Committee Chair

Matthew Miller, DPT (2016 – Present). Trainee Position: PhD Student, University of Colorado.

Current Position: Student

Role: Co-Mentor

Current Teaching Responsibilities in the Entry-level Physical Therapy Program:

DPTR 7171 Course Coordinator, Health and Wellness, Summer Semester

RHSC 7000 Course Coordinator, Foundations of Rehabilitation Science, Fall Semester

DPTR 5711 Lecturer, Professional Development I, Summer Semester

DPTR 6712 Lecturer, Professional Development II, Fall Semester

DPTR 5141 Lecturer, Human Growth and Development, Fall Semester

HSMP 6614 Lecturer, Maternal and Child Health Program Management, Fall Semester