

Ryan McGrath
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Training

- 2015-2018 **Advanced Rehabilitation Research Training Postdoctoral Fellow.** Department of Physical Medicine and Rehabilitation, University of Michigan, Ann Arbor, MI.
- 2016 **Physical Activity and Public Health Courses Fellow.** Arnold School of Public Health, University of South Carolina, Center for Disease Control and Prevention, Columbia, SC.

Education

- 2011-2015 **Ph.D.** Exercise Science Emphasis; University of Idaho, Moscow, ID.
- 2012-2013 **Graduate Certificate.** Bioregional Planning and Community Design; University of Idaho, Moscow, ID.
- 2011-2013 **Graduate Certificate.** Statistics; University of Idaho, Moscow, ID.
- 2008-2010 **M.S.** Kinesiology; University of North Dakota, Grand Forks, ND.
- 2003-2007 **B.A.** Physical Education; University of Jamestown, Jamestown, ND.

Academic Appointments

- 2019-Present **Mentor.** Center for Large Data Research and Data Sharing in Rehabilitation, University of Texas Medical Branch, Galveston, TX.
- 2018-Present **Assistant Professor.** Department of Health, Nutrition, and Exercise Sciences, North Dakota State University, Fargo, ND.
- 2018 **Visiting Scholar.** Center for Large Data Research and Data Sharing in Rehabilitation, University of Texas Medical Branch, Galveston, TX.
- 2011-2015 **Graduate Assistant.** Department of Movement Sciences, University of Idaho, Moscow, ID.
- 2014 **Graduate Research Assistant.** National Institute of Advanced Transportation Technology, Department of Civil Engineering, University of Idaho, Moscow, ID.
- 2009-2010 **Graduate Assistant.** Department of Physical Education, Exercise Science, and Wellness, University of North Dakota, Grand Forks, ND.
- 2009 **Graduate Research Assistant.** Department of Physical Education, Exercise Science, and Wellness, University of North Dakota, Grand Forks, ND.

Peer-Reviewed Publications

1. **McGrath R** (2019). Comparing Absolute Handgrip Strength and Handgrip Strength Normalized to Body Weight in Aging Adults. *Aging Clinical and Experimental Research* (In Press).
2. Silveira S, Ledoux T, Johnston C, Kalpakjian C, O'Connor D, Cottingham R, **McGrath R**, Tate D (2018). [Well on Wheels Intervention: Satisfaction with Life and Health for Adults with Spinal Cord Injuries](#). *Journal of Spinal Cord Medicine* (In Press).
3. Bailey R, Phad A, **McGrath R**, Haire-Joshu D (2018). [Prevalence of Five Lifestyle Risk Factors Among U.S. Adults With and Without Stroke](#). *Disability and Health Journal* (In Press).
4. **McGrath R**, Erlandson K, Vincent B, Hackney K, Herrmann S, Clark B (2018). [Decreased Handgrip Strength is Associated with Impairments in Each Autonomous Living Task for Aging Adults in the United States](#). *Journal of Frailty and Aging* (In Press).

5. **McGrath R**, Clark B, Erlandson K, Herrmann S, Vincent B, Hall O, Hackney K (2018). [Impairments in Individual Autonomous Living Tasks and Time to Self-Care Disability in Middle Aged and Older Adults](#). *Journal of the American Medical Directors Association* (In Press).
6. Bailey R, Phad A, **McGrath R**, Tabak R, Haire-Joshu D (2018). Prevalence of Three Healthy Lifestyle Behaviors Among U.S. Adults With and Without History of Stroke. *Preventing Chronic Disease* (In Press).
7. **McGrath R**, Al Snih S, Markides K, Hackney K, Bailey R, Peterson M (2018). [The Burden of Functional Disabilities for Middle-Aged and Older Adults in the United States](#). *The Journal of Nutrition Health and Aging* (In Press).
8. Hall O, **McGrath R**, Peterson M, Chadd E, DeVivo M, Heinemann A, Kalpakjian C (2019). [The Burden of Spinal Cord Injury in the United States: Disability-Adjusted Life Years](#). *Archives of Physical Medicine and Rehabilitation*. 100(1), 95-100.
9. **McGrath R**, Hall O, Peterson M, Chadd E, DeVivo M, Heinemann A, Kalpakjian C (2018). [The Association Between the Etiology of a Spinal Cord Injury and Time to Mortality in the United States: A 44-Year Longitudinal Investigation](#). *Journal of Spinal Cord Medicine*. 20, 1-9.
10. **McGrath R** (2018). [Understanding the Feasibility and Validity of Muscle Strength Measurements in Aging Adults](#). *Journal of the American Medical Directors Association*. 20,99-100.
11. **McGrath R**, Kraemer W, Al Snih S, Peterson M (2018). [Handgrip Strength and Health in Aging Adults](#). *Sports Medicine*. 48(9), 1993-2000.
12. **McGrath R**, Vincent B, Lee I-M, Kraemer W, Peterson M (2018). [Handgrip Strength, Function, and Mortality in Older Adults: A Time-Varying Approach](#). *Medicine and Science in Sports and Exercise*. 50(11), 2259-2266.
13. Peterson M, Belakovskiy A, **McGrath R**, Yarrow J (2018). [Testosterone Deficiency, Weakness, and Multimorbidity in Men](#). *Scientific Reports*. 9(1), 5897.
14. Paul D, **McGrath R**, Vella C, Kramer M, Baer D, Moshfegh A (2018). [Understanding the Nature of Measurement Error When Estimating Energy Expenditure and Physical Activity via Physical Activity Recall](#). *Journal of Physical Activity and Health*. 15(7), 543-549.
15. **McGrath R**, Robinson-Lane S, Peterson M, Bailey R, Vincent B (2018). [Muscle Strength and Functional Limitations: Preserving Function in Older Mexican Americans](#). *Journal of the American Medical Directors Association*. 19(5), 391-398.
16. **McGrath R**, Ottenbacher K, Vincent B, Kraemer W, Peterson M (2017). [Muscle Weakness and Functional Limitations in an Ethnically Diverse Sample of Older Adults](#). *Ethnicity and Health*. 1-12.
17. **McGrath R**, Vella C, Scruggs P, Peterson M, Williams C, Paul D (2017). [The Impact of Low Accelerometer Wear Time on the Estimates and Application of Sedentary Behavior and Physical Activity Data in Adults](#). *Journal of Physical Activity and Health*. 14(12), 919-924.
18. **McGrath R**, Vincent B, Al Snih S, Markides K, Dieter B, Bailey R, Peterson M (2017). [The Association Between Handgrip Strength and Diabetes on Activities of Daily Living Disability in Older Mexican Americans](#). *Journal of Aging and Health*. 30(8), 1305-1318.
19. **McGrath R**, Kraemer W, Vincent B, Hall O, Peterson M (2017). [Muscle Strength is Protective Against Osteoporosis in an Ethnically Diverse Sample of Adults](#). *Journal of Strength and Conditioning Research*. 31(9), 2586-2589.
20. Vaartstra M, Kercher V, Start A, Brown A, Peterson M, **McGrath R** (2017). [Understanding Why Undergraduate Students Declare and Continue to Study an Exercise Science-Related Major](#). *International Journal of Exercise Science*. 10(8), 807-817.
21. **McGrath R**, Vincent B, Al Snih S, Markides K, Peterson M (2017). [The Association Between Muscle Weakness and Incident Diabetes in Older Mexican Americans](#). *Journal of the American Medical Directors Association*. 18(5), 452-e7.
22. Peterson M, **McGrath R**, Zhang P, Markides K, Al Snih S, Wong R (2016). [Muscle Weakness is Associated with Diabetes in Older Mexicans: The Mexican Health and Aging Study](#). *Journal of the American Medical Directors Association*. 17(10), 933-938.

23. Lowry M, **McGrath R**, Scruggs P, and Paul D (2016). [Error Assessment and Practitioner Survey for Manual Bicycle and Pedestrian Count Programs Involving Community-Volunteers](#). *International Journal of Sustainable Transportation*. 10(8), 720-729.
24. Green A, **McGrath R**, Martinez V, Taylor K, Paul D, Vella C (2014). [Associations of Objectively-Measured Sedentary Behavior, Light Physical Activity, and Markers of Cardiometabolic Health in Young Women](#). *European Journal of Applied Physiology*. 114(5), 907-919. PMID: 24463602.
25. **McGrath R**, Whitehead J, Caine D (2014). [The Effects of Proprioceptive Neuromuscular Facilitation Stretching on Post-Exercise Delayed Onset Muscle Soreness in Young Adults](#). *International Journal of Exercise Science*. 7(1), 14-21.

Published Reports

Lowry M, **McGrath R**, Cool S, Cook R, Skiles M, Li Z, Henrickson K, Dunlap M, Wang Y, Hall M (2015). [Data Collection and Spatial Interpolation of Bicycle and Pedestrian Data](#) (No. 2013-M-I-0048).

Ongoing Research Support

McGrath R (PI), Al Snih S, Markides K, Peterson M. The Burden of Disease and Functional Limitation for Ethnically Diverse Older Adults in the United States: Disability-Adjusted Life Years. Center for Large Data Research and Data Sharing in Rehabilitation: Large Data Pilot Study. July 1, 2017-June 30, 2018. NIH-NICHHD-NINDS-NIBIB (P2CHD065702): \$21,600.

Hackney K, Nawartha D, Dorsam G, Stastny S, **McGrath R** (Co-I). Optimizing Detection of Circulating MicroRNAs for Weight Management. College of Human Development and Education Seed Grant. January 1, 2019-December 31, 2019: \$3,350.

Terbizan D, Hackney K, **McGrath R** (Co-I). Upgrading Wearable Technology for Teaching and Research in Exercise Science. HDE Award for Lab or Teaching Technology, or to Improve Research Lab or Facilities. November 1, 2018-June 30, 2019: \$1,872.

Completed Research Support

Tate D, Kalpakjian C. The University of Michigan Advanced Rehabilitation Research Program in Community Living and Participation. October 05, 2015-April 30, 2018. NIDILRR/HHS/ACL (90AR5020-01-00). **Role: Fellow.**

McGrath R (PI), Peterson, M. Objectively-Measured Sedentary Behavior and Physical Activity in Persons with Cerebral Palsy: A Systematic Review and Meta-Analysis. July 1, 2016-June 30, 2017. University of Michigan ARRT Pilot-Research Stipend: \$2,000.

McGrath R (PI), Paul D. University of Idaho Transportation Analysis: Get Green, Get Active. September 1, 2008-August 31, 2009. University of Idaho Community Partnerships and Sustainability Center Grant: \$2,000.

Award Winning Peer-Reviewed Abstracts and Conference Proceedings

1. Silveira S, Ledoux T, Johnston C, Kalpakjian C, O'Connor D, Cottingham M, **McGrath R**, Tate D (2018). Identifying Successful Participants in the Well on Wheels Holistic Wellness Intervention. The ACRM Annual Conference. October 2018, Dallas, TX (Poster Presentation). ACRM SCI-ISIG Best Poster Award.
2. Martinez V, **McGrath R**, Vaartstra M, Green A, Smart A, Johnson T (2015). Assessing the State of Undergraduate Students Declaring a Health-Related Major. Northwest ACSM Annual Meeting. February 2015, Bend, OR. Outstanding Doctorate Research Presentation Award.
3. **McGrath R**, Moshfegh A, Kramer M, Rumpler W, Baer D, Vella C, Scruggs P, Paul D (2013). Prediction of Total Energy Expenditure and Moderate-to-Vigorous Physical Activity by the NHANES PAQ. Northwest ACSM Annual Meeting. March 2013, Salem, OR. Outstanding Doctorate Research Presentation Award.
4. Green A, Paul D, **McGrath R**, Martinez V, Taylor K, Vella C (2013). Sedentary Behavior, Central Obesity and Cardiovascular Disease Risk Factors in Young Women. Northwest ACSM Annual Meeting. March 2013, Salem, OR. Outstanding Doctorate Research Presentation Award.

Peer-Reviewed Abstracts and Conference Proceedings

5. Hall O, Hall O, **McGrath R**, Haile Z (2019). Years of Life Lost Due to Opioid Overdose in Ohio: Temporal and Geographic Patterns of Excess Mortality. Assay Guidance Manual Symposium-The Opioid Crisis and the Future of Addiction and Pain Therapeutics: Opportunities, Tools, and Technologies. February 2019. Bethesda, MD.
6. **McGrath R**, Lee D-C, Kraemer W, Vincent B, Terbizan, D (2019). Handgrip Strength and Congestive Heart Failure in Aging Adults: Getting a Grip on Heart Health. ACSM's 66th Annual Meeting and 10th World Congress of Exercise is Medicine. May 2019, Orlando, FL.
7. **McGrath R**, Al Snih S, Markides K, Hall O, Peterson M (2019). The Burden of Health Conditions for Aging Adults in the United States: Disability-Adjusted Life Years. American Medical Directors Association Annual Conference. March 2019, Atlanta, GA.
8. **McGrath R**, Al Snih S, Markides K, Hackney K, Bailey R, Peterson M (2019). The Burden of Autonomous Living and Basic Self-Care Disability for Aging Adults in the United States: Disability-Adjusted Life Years. International Conference on Frailty & Sarcopenia Research. February 2019, Miami, FL.
9. **McGrath R**, Vincent B, Lee I-M, Kraemer W, Peterson M (2018). The Time-Varying Longitudinal Associations Between Muscle Strength, Functional Limitations, and Mortality in Older Adults. ACSM's 65rd Annual Meeting and 9th World Congress of Exercise is Medicine. May 2018, Minneapolis, MN.
10. **McGrath R**, Ottenbacher K, Vincent B, Kraemer W, Peterson M (2017). Muscle Weakness and Functional Disability in a Nationally-Representative Sample of Ethnically Diverse Older Adults. The ACRM Annual Conference. October 2017, Atlanta, GA.
11. **McGrath R**, Kraemer B, Vincent B, Hall O, Peterson M (2017). Muscle Strength is Protective Against the Odds of Osteoporosis in a Nationally-Representative Sample of Ethnically Diverse Adults. NSCA National Conference. July 2017, Las Vegas, NV.
12. **McGrath R**, Vincent B, Dieter B, Markides K, Al Snih S, Peterson M (2017). The Independent and Combined Effects of Muscle Weakness and Diabetes Status on Predicting Activities of Daily Living Disability. ACSM's 64rd Annual Meeting and 8th World Congress of Exercise is Medicine. May 2017, Denver, CO.
13. Vincent B, **McGrath R**, Al Snih S, Markides K, Peterson M (2017). Muscle Weakness Increases the Risk of Incident Diabetes in Older Mexican Americans. ACSM's 64rd Annual Meeting and 8th World Congress of Exercise is Medicine. May 2017, Denver, CO.
14. Paul D, Vincent B, Vella C, Scruggs P, Peterson M, Williams C, **McGrath R** (2017). Data Imputation Improves Sedentary Behavior and Physical Activity Estimates in Accelerometer Data with Low Wear. ACSM's 64rd Annual Meeting and 8th World Congress of Exercise is Medicine. May 2017, Denver, CO.
15. **McGrath R**, Tate D, Forchheimer M, Kalpakjian C, Peterson M (2016). The Impact of a Holistic Wellness Intervention in Persons with Spinal Cord Injury. The ACRM Annual Conference. November 2016, Chicago, IL.
16. Vincent B, **McGrath R**, Al Snih S, Markides K, Peterson M (2016). Muscle Weakness and Diabetes Risk in Older Mexican Americans. Midwest American College of Sports Medicine Annual Meeting. November 2016, Fort Wayne, IN.
17. **McGrath R**, Ziadeh M, Wheaton M, Le T, Peterson M, Kalpakjian C (2016). The Efficacy of Oral Glutathione to Improve Health Outcomes in Persons with Post-Polio Syndrome: A Prospective, Single Arm Clinical Trial. Midwest American College of Sports Medicine Annual Meeting. November 2016, Fort Wayne, IN.
18. **McGrath R**, Zhang P, Markides K, Al Snih S, Wong R, Peterson M (2016). The Impact of Muscle Weakness on Diabetes in Older Mexican Adults: The Mexican Health and Aging Study. NSCA National Conference. July 2016, New Orleans, LA.
19. **McGrath R**, Vella C, Scruggs P, Williams C, Peterson M, Vincent B, Paul D (2016). Low Accelerometer Wear Time Adherence Underestimates Sedentary Behavior and Physical Activity. ACSM's 63rd Annual Meeting and 7th World Congress of Exercise is Medicine. May 2016, Boston, MA.

20. Martinez V, Vaartstra M, **McGrath R**, Start A, Brown A, Johnson T (2016). Assessing the State of Undergraduate Students Declaring a Health-Related Major. ACSM's 63rd Annual Meeting and 7th World Congress of Exercise is Medicine. May 2016, Boston, MA.
21. **McGrath R**, Vella C, Scruggs P, Williams C, Paul D (2015). Low Accelerometer Adherence Negatively Impacts the Estimates and Application of Physical Activity Data. ACSM's 62nd Annual Meeting and 6th World Congress of Exercise is Medicine. May 2015, San Diego, CA.
22. Paul D, Lowry M, Scruggs P, **McGrath R** (2015). Assessing Error and Surveying Practitioners for Manual Bicycle and Pedestrian Count Programs Involving Community-Volunteers. ACSM's 62nd Annual Meeting and 6th World Congress of Exercise is Medicine. May 2015, San Diego, CA.
23. **McGrath R**, Vella C, Scruggs P, Williams C, Paul D (2015). Estimates and Application of Physical Activity Data is Negatively Impacted by Low Accelerometer Adherence. Northwest ACSM Annual Meeting. February 2015, Bend, OR.
24. Vella C, Martinez V, Taylor K, Green A, **McGrath R**, Paul D (2014). Cardiorespiratory Fitness Mediates the Associations between Sedentary Behavior and Markers of Cardiometabolic Health in Women. ACSM's 61st Annual Meeting and 5th World Congress of Exercise is Medicine. May 2014, Orlando, FL.
25. **McGrath R**, Moshfegh A, Kramer M, Rumpler W, Baer D, Vella C, Scruggs P, Paul D (2013). Prediction of Total Energy Expenditure and Moderate-to-Vigorous Physical Activity by the NHANES PAQ. ACSM's 60th Annual Meeting and 4th World Congress of Exercise is Medicine. May 2013, Indianapolis, IN.
26. Green A, Paul D, **McGrath R**, Martinez V, Taylor K, Vella C (2013). Sedentary Behavior, Central Obesity and Cardiovascular Disease Risk Factors in Young Women. ACSM's 60th Annual Meeting and 4th World Congress of Exercise is Medicine. May 2013, Indianapolis, IN.
27. **McGrath R**, Browder K (2012). The Relationship between Muscle Activation and Rating of Perceived Exertion Across Four Exercise Modes. ACSM's 59th Annual Meeting and 3rd World Congress of Exercise is Medicine. May 2012, San Francisco, CA.
28. **McGrath R**, Whitehead J, Caine D, Brinkert R, Paul D (2012). How Stretching Modalities and Flexibility Predict Delayed Onset Muscle Soreness in Adults. Northwest ACSM Annual Meeting. March 2012, Coeur d'Alene, ID.
29. **McGrath R**, Whitehead J, Caine D, Brinkert R (2011). The Effects of Two Different Post-Exercise Stretching Modalities on Delayed Onset Muscular Soreness in Adults. ACSM's 58th Annual Meeting and 2nd World Congress of Exercise is Medicine. June 2011, Denver, CO.

Invited Oral Presentations

- McGrath, R.** "The Burden of Disease and Functional Limitations for an Ethnically Diverse Sample of Older Adults in the United States: Disability-Adjusted Life Years." Health and Retirement Study/IHPI-ISR Health Economics and Public Policy Seminar, University of Michigan. February 2018, Ann Arbor, MI.
- McGrath, R.** "Data Blitz." Center for Large Data Research & Data Sharing in Rehabilitation Annual Meeting, University of Texas Medical Branch. January 2018, Galveston, TX.
- McGrath, R.** "Integrating Physical Activity into Everyday Life." Spina Bifida Education Days. September 2017, Pinckney, MI.

Non-Referred Abstracts and Presentations

- Hall Jr. O, **McGrath R**, Hall Sr. O (2018). Statewide Trends in Years of Life Lost Due to Opioid Overdose. University of Michigan James W. Rae Scientific Day (Poster Presentation), Ann Arbor, MI.
- McGrath R**, Hall O, Peterson M, Kalpakjian C (2017). The Effect of Neurological Category of Impairment on the Incidence of Mortality in Persons with a Spinal Cord Injury. University of Michigan James W. Rae Scientific Day (Poster Presentation), Ann Arbor, MI.
- Hall O, **McGrath R**, Peterson M, Kalpakjian C (2017). The Burden of Spinal Cord Injury in the United States: Disability-Adjusted Life Years. University of Michigan James W. Rae Scientific Day (Poster Presentation), Ann Arbor, MI.

Martinez V, Vaartstra M, **McGrath R**, Start A, Brown A, Johnson, T (2015). Assessing the State of Undergraduate Students Declaring a Health-Related Major. University of Idaho Innovation Showcase (Oral Presentation), Moscow, ID.

Green A, Paul D, **McGrath R**, Martinez V, Taylor K, Vella C (2013). Sedentary Behavior, Central Obesity and Cardiovascular Disease Risk Factors in Young Women. University of Idaho Innovation Showcase (Oral Presentation), Moscow, ID.

McGrath R, Moshfegh A, Kramer M, Rumpler W, Baer D, Vella C, Scruggs P, Paul D (2013). Prediction of Total Energy Expenditure and Moderate-to-Vigorous Physical Activity by the NHANES PAQ. University of Idaho Innovation Showcase (Oral Presentation), Moscow, ID.

McGrath R (2009). Post-Exercise PNF Stretching May Reduce DOMS in Young Adults: A Research Proposal. University of North Dakota College of Education and Human Development Research Fair (Poster Presentation), Grand Forks, ND.

Teaching

North Dakota State University; Department of Health, Nutrition, and Exercise Sciences.
 Instructor: Research Methods and Design in Exercise Science (HNES 375).
 Instructor: Exercise and Disease (HNES 370).
 Instructor: Scholarly Writing and Presenting (HNES 777).

University of Idaho; Department of Movement Sciences.
 Instructor: Design and Analysis of Research in Movement Sciences (PEP/REC 455).
 Lecturer and Teaching Assistant: Concepts in Strength and Conditioning (PEP 409).
 Lecturer and Teaching Assistant: Physiology of Exercise (PEP 418).
 Teaching Assistant: Exercise Training and Prescription (PEP 493).
 Teaching Assistant: Motor Behavior (PEP 360).
 Teaching Assistant: Biomechanics (PEP 300).
 Preceptor: Practicum in Exercise and Health (PEP 495).
 Instructor: Strength and Conditioning (PEP 106).

University of North Dakota: Department of Physical Education, Exercise Science, and Wellness.
 Teaching Assistant: Biomechanics (PXW 322).
 Teaching Assistant: Motor Learning (PXW 276).

Mentoring

Orman Trent Hall, D.O., Department of Physical Medicine and Rehabilitation, University of Michigan, Ann Arbor, MI (Current Position: Medical Resident).

Ryan Wilson, B.S., Department of Movement Sciences, University of Idaho, Moscow, ID.

Thomas Anderson, B.S., Department of Movement Sciences, University of Idaho, Moscow, ID.

Teaching Awards

2015 University of Idaho Outstanding Graduate Teaching Assistant Award: Finalist.

2015 ACSM Northwest Regional Student Knowledge Bowl Champions (Coach).

2014 University of Idaho Outstanding Graduate Teaching Assistant Award: Runner-Up.

2014 ACSM Northwest Regional Student Knowledge Bowl Champions (Coach).

Extracurricular Teaching

Medical Resident Journal Club Advisor, Department of Physical Medicine and Rehabilitation, University of Michigan, Ann Arbor, MI.

Bowl Team Coach, ACSM Undergraduate Student Knowledge Bowl Team, University of Idaho, Moscow, ID.

Graduate Student Manager, Exercise Science and Health Club, University of Idaho, Moscow, ID.

Ad-Hoc Journal Reviewer (Over 80 Assignment Completed)

Age and Ageing

American Journal of Medicine

Archives of Physical Medicine and Rehabilitation

BMC Geriatrics

Clinical Interventions in Aging

Disability and Health Journal

Gerontology

International Journal of Exercise Science

Journal of Aging and Health

Journal of the American Medical Directors Association

Journal of Spinal Cord Medicine

Journal of Strength and Conditioning Research

Medicina

Medicine and Science in Sports and Exercise

Pediatrics

PLOS One

Rejuvenation Research

Scientific Reports

Sports Medicine

Academic Committees

Hiring Committee, Department of Movement Sciences Basic Instruction Program, University of Idaho, Moscow, ID.

Student Senator, Graduate and Professional Student Association, University of Idaho, Moscow, ID.

Member, Active Transportation Committee, University of Idaho, Moscow, ID.

Member, College of Education Graduate Research and Policy Committee, University of Idaho, Moscow, ID.

Voting Member, Tenure and Promotion Committee, College of Education, University of Idaho, Moscow, ID.

Member, College of Education and Human Development Appeals Committee, University of North Dakota, Grand Forks, ND.

Voting Member, Faculty Award Committee, University of North Dakota, Grand Forks, ND.

Professional Memberships

American College of Sports Medicine: 2011-present.

American College of Sports Medicine-Northland Chapter: 2018-present.

American College of Sports Medicine-Midwest Chapter: 2016-2017.

American Statistical Association: 2017-2018.

National Strength and Conditioning Association: 2016-2017.

American Congress of Rehabilitation Medicine: 2016-2018.

American College of Sports Medicine-Northwest Chapter: 2013-2016.