

CURRICULUM VITAE

John Jacob Mischke, PT, DPT, OCS, FAAOMPT
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Education:

Master of Business Administration (MBA), anticipated May 2022
University of Montana, Missoula, MT

Orthopedic Manual Physical Therapy Fellowship, 2013
University of Illinois at Chicago, Chicago, IL

Orthopedic Physical Therapy Residency, 2012
Creighton University, Omaha, NE

Doctorate of Physical Therapy (DPT), 2011
Creighton University, Omaha, NE

Bachelor of Science (BS) in Nutrition, Exercise, and Health Science, 2008
University of Nebraska, Lincoln, NE

Licensure Information/Registration Number:

Montana Board of Physical Therapy Examiners
Licensed Physical Therapist, License No. 9185

Certifications:

- Yale Center for Teaching and Learning Scientific Teaching Fellow
- Fellow, American Academy of Orthopaedic Manual Physical Therapists (FAAOMPT)
- Board-Certified Orthopedic Clinical Specialist (OCS)
- AHA Cardiopulmonary Resuscitation/Automatic External Defibrillator (CPR)
- Credentialed Clinical Instructor, American Physical Therapy Association
- Functional Dry Needling (FDN), Level 1, Kinetacore
- Blood Flow Restriction Rehabilitation, Owens Recovery Science

Employment and Positions Held:

Orthopedic Physical Therapy Residency Director August 2016-present
University of Montana, Missoula, MT

- Perform 1:1 Clinical Mentoring of Residents
- Develop and Implement Policies and Procedures
- Developed and currently coordinate didactic (CE) curriculum educating >100 physical therapists
- Oversee resident matriculation and interaction with mentors/faculty members

- Develop and implement residency budget with 20% average annual profit margin

Clinical Physical Therapy Instructor July 2015-present
University of Montana, Missoula, MT

- Treat patients with a wide variety of neuromusculoskeletal conditions ranging from student-athletes to patients with chronic pain
- Precept DPT students in 2:1 and 4:1 model
- Clinical Faculty in the DPT Musculoskeletal Curriculum

PRN PT, Partners in Homecare, Missoula, MT July 2019 – February 2020

- Treated patients in a Home Health setting

Outpatient PT, University of Illinois Hospital System, Chicago, IL July 2013 - June 2015

- Treated patients with a wide variety of neuromusculoskeletal conditions
- Clinical mentor for new graduates and clinical instructor for DPT students

PRN PT, Alden Lakeland via Community Physical Therapy, Chicago, IL 2013 – 2015

- Treated patients in a skilled nursing facility setting

OMPT Fellow-in-Training, University of Illinois Medical Center, Chicago, IL 2012 – 2013

- ABPTRFE-Accredited Orthopedic Manual Physical Therapy Fellowship
- Fellowship Director: Carol Courtney, PT, PhD, ATC, FAAOMPT
- Treated patients 26 hours per week
- Adjunct faculty in DPT musculoskeletal courses
- Presented on musculoskeletal disorders and chronic pain
- Completed 18 credits in Advanced Manipulation I/II, Clinical Reasoning I/II, Mentoring I/II

Orthopedic PT Resident, Creighton University Medical Center, Omaha, NE 2011 – 2012

- ABPTRFE-Accredited Orthopedic Physical Therapy Residency
- Residency Director: J Bradley Barr, PT, DPT, OCS
- Treated patients 24 hours per week
- Adjunct faculty in DPT musculoskeletal and radiology courses
- Presented OCS preparatory continuing education course

PRN Inpatient PT, Creighton University Medical Center, Omaha, NE 2011-2012

- Treated patients in an acute setting: Trauma, Neurology, Orthopedics, Pediatrics, Cardiac

Peer Reviewed Publications:

Wrolstad K, **Mischke JJ**, Elias AR. Desmoid fibromatosis presenting as lateral hip pain in an outpatient physical therapy clinic: A case report. *Physiother Theory Pract.* 2021 Nov 25:1-8. doi: 10.1080/09593985.2021.2008566. Epub ahead of print. PMID: 34823424.

Sault JD, Jayaseelan DJ, **Mischke JJ**, Post A. The utilization of joint mobilization as part of a comprehensive program to manage carpal tunnel syndrome: A systematic review. *Journal of Manipulative and Physiological Therapeutics*. 2020 May;43(4):356-370.

Jayaseelan DJ, **Mischke JJ**, Post A, Sault JD. Joint mobilization in the management of persistent insertional achilles tendinopathy: A case report. *International Journal of Sports Physical Therapy*. 2017 February; 12(1): 133-143.

Mischke JJ, Jayaseelan DJ, Sault JD, Emerson Kavchak AJ. Symptomatic and Functional Effects of Manual Physical Therapy on Plantar Heel Pain: A Systematic Review. *Journal of Manual and Manipulative Therapy*. 2017 January; 25(1): 3-10.

Lantz JM, **Mischke JJ**, Emerson Kavchak AJ, Courtney CA. The Effects of Joint Mobilization Manual Therapy in the Management of Chronic Non-specific Anterior Knee Pain: A Case Report. *International Journal of Sports Physical Therapy*. 2016 June;11(3): 450-461.

Mischke JJ, Emerson Kavchak AJ, Courtney CA. Effect of Sternoclavicular Mobilization on Pain and Function in a Patient with Irreparable Supraspinatus Tear: A Case Report. *Physiotherapy Theory and Practice*. 2016 Feb;32(2):153-8.

Emerson Kavchak A, **Mischke J**, Lulofs-Macpherson K, Vendrely A. The psychometric properties of self-report outcome measures in temporomandibular dysfunction. *Physical Therapy Reviews*. Number 3. Volume 19. 2014.

Published Abstracts of Peer Reviewed Presentations:

Wrolstad K, **Mischke JJ**, Elias ARC. Desmoid Fibromatosis Presenting as Hip Pain in an Outpatient Physical Therapy Clinic: A Case Report (In Press)

Krantz J, **Mischke JJ**. A Mysterious Case of Monoarticular Knee Effusion in a 32-Year-Old Male: A Case Report. *J Orthop Sports Phys Ther*. January 2021.

Crippen TJ, **Mischke JJ**. Progressive Loading and 3-Dimensional Modeling to Guide Treatment of a Patient Following Intramuscular Pectoralis Repair. *J Orthop Sports Phys Ther*. January 2020.

Mischke JJ, Matthew K, Mizner RL. The Successful Management of Persistent Mid-Portion Achilles Tendinopathy using Sural Nerve Mobilizations and a Heavy-Slow Resistance Program in a Collegiate Softball Player. *J Orthop Sports Phys Ther*. January 2018.

Dettman D, Johnson A, **Mischke JJ**, Mizner RL. Task Demands and Biomechanical Analysis of Performance during the Single Leg Hop for Distance Test after ACL Reconstruction. *J Orthop Sports Phys Ther*. January 2018.

Brooks J, Elias A, Mizner R, **Mischke JJ**. Effects of Neuromuscular Re-education with Jump Training in Female Athlete with Increased Lower Extremity Risk for Injury. *J Orthop Sports Phys Ther*. January 2018.

Franck CC, **Mischke JJ**, Sault JD, Duncombe AM. Upper Cervical Manual Therapy and Clinical Reasoning in Treatment of Chronic Temporomandibular Disorder: A Case Report. J Orthop Sports Phys Ther. January 2016. **2016 APTA CSM Poster Award Nominee**

Schauerte C, **Mischke JJ**. When Knee Pain is Not Just Knee Pain: Differential Diagnosis of Spine-Related Lower Extremity Pain. J Orthop Sports Phys Ther. January 2016.

Mischke JJ, Jayaseelan DJ, Sault JD, Emerson Kavchak AJ. Effect of Manual Physical Therapy on Plantar Heel Pain: A Systematic Review. J Man Manip Ther. 2015.

Lantz JM, **Mischke JJ**, Emerson Kavchak AJ, Courtney CA. The Effects of Joint Mobilization Manual Therapy in the Management of Chronic Non-specific Anterior Knee Pain: A Case Report. J Man Manip Ther. 2015.

Franck CC, **Mischke JJ**, Sault JD, Duncombe AM. Upper Cervical Manual Therapy and Clinical Reasoning in Treatment of Chronic Temporomandibular Disorder: A Case Report. J Man Manip Ther. 2015. **Award winner AAOMPT Conference**

Goostree S, **Mischke JJ**. Lumbar Facet Dysfunction Presenting as Iliotibial Band Syndrome in a Marathon Runner. J Man Manip Ther. 2015.

McFarren J, **Mischke JJ**. Does Myelopathy Matter? Thrust Manipulation in the Treatment of T4 Syndrome with Underlying Cervical Spondylotic Myelopathy. J Man Manip Ther. 2015. **Award winner AAOMPT Conference**

Schauerte C, **Mischke JJ**. When Knee Pain is Not Just Knee Pain: Differential Diagnosis of Spine-Related Lower Extremity Pain. J Man Manip Ther. 2015.

Mischke JJ, Emerson Kavchak AJ, Courtney CA. Effect of Adding Sternoclavicular Joint Mobilization on Pain and Function in a Patient with Irreparable Supraspinatus Tear: A Case Report. J Orthop Sports Phys Ther. January 2014.

Mischke JJ, Emerson Kavchak AJ, Courtney CA. Effect of Adding Sternoclavicular Joint Mobilization on Pain and Function in a Patient with Irreparable Supraspinatus Tear: A Case Report. J Man Manip Ther. 2013

Mischke JJ, Meyer KA, Larsen K, Grindtsaff TL. Thoracic Manipulation Does Not Improve Shoulder Range of Motion in Healthy Individuals: A Randomized Controlled Trial. J Orthop Sports Phys Ther. January 2013.

Grindstaff TL, Morton SK, Dolan N, **Mischke JJ**, Meyer K, Pietrosimone BG. Graded Talocrural Joint Mobilization Does Not Alter Lower Extremity Spinal Reflex Excitability in Individuals with Chronic Ankle Instability. J Orthop Sports Phys Ther. January 2013.

Yokota S, Plutschack C, Morton SK, Meyer K, **Mischke JJ**, Grindstaff TL. Effects of Local and Distant Interventions on Quadriceps Activation and Pain in Individuals with Patellofemoral Pain. J Orthop Sports Phys Ther. January 2013.

Non-Peer Reviewed Publications:

Mischke JJ, Willy RW, Purdam CM. *Chapter 6: Muscle & Tendon Injuries of the Hip and Knee: Quadriceps, Hamstrings, Adductors, Gluteals*. Hip and Knee Pain Disorders: An Evidenced and Clinical-Based Approach to Integrating Manual Therapy and Exercise. (In Press)

Jayaseelan DJ, **Mischke JJ**, Strazzulla RL. Eccentric Exercise for Achilles Tendinopathy: A Narrative Review and Clinical Decision-Making Considerations. *J. Funct. Morphol. Kinesiol.* 2019, 4(2), 34.

Funded/In Review Grant Activity:

2019-Present: University of Montana Small Grant Program

- Examination of Internal and External Workload in Patients Returning to Sport after Knee Surgery
- Status: Funded (\$5,000)
- Role: Co-Investigator
- Primary Investigator: Melanie McGrath, PhD, ATC

Continuing Education Workshops Organized:

2016-2021: University of Montana Orthopedic Manual Physical Therapy Series

- Directed marketing and operations
- Maintained compliance for continuing education regulations
- Supervised and evaluated faculty

Membership in Scientific/Professional Organizations:

American Academy of Orthopaedic Manual Physical Therapists
American Physical Therapy Association
Academy of Orthopedic Physical Therapy
American Academy of Sports Physical Therapy
Academy of Physical Therapy Education
Montana Physical Therapy Association

Community Service:

Union Gospel Mission-Missoula April 2018 to June 2021
Board of Directors

Kenya Medical Training College Higher Diploma in Orthopedic Physiotherapy, May 2017
Instruction in Lecture and Laboratory for the hip and knee regions

Migrant Worker Screening in Polson, MT, July 2016, July 2017, July 2018
Healthcare Provider

Project Homeless Connect, March 2009, March 2010, March 2012, January 2016
Healthcare Provider and/or Guide

Union Gospel Mission-Missoula, March 2016 to April 2018

Class Leader and Mentor

Physical Therapy in the Dominican Republic via Institute for Latin American Concern
April 2013: Clinical Instructor
April 2012: Clinical Instructor
Santiago, Dominican Republic

One World Community Health Center, November 2011 to June 2012
Pro Bono Physical Therapist to Spanish-speaking Patients

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

University of Montana School of Physical Therapy & Rehabilitation Science
Musculoskeletal Curriculum Chair and member 2021-Current
Residency Faculty Committee Chair and member 2016-Current
Student Physical Therapy Association Adviser August 2016-August 2017

University of Montana Athletic Training Program
Clinical Preceptor October 2018-Current
Master Thesis Committee for Rina Kasuga 2017-18

Honors and Awards:

Educational Leadership Conference Scholarship Award 2016
Creighton University School of Pharmacy & Health Professions Student Leadership Award 2011
Nick Steichen Memorial Award 2011

Continuing Education Attended (last 5 years):

APTA Residency Competency Evaluation Instrument Training Course 2021
Owens Recovery Science, Blood Flow Restriction Training 2021
American Physical Therapy Association Combined Sections Meeting 2017, 2018, 2020
National Institute on Scientific Teaching Mobile Summer Institute 2019
Functional Dry Needling – Level 1, Kinetacore 2017

Current Teaching Responsibilities:

2021-Current University of Montana DPT Program
• PT 529 Clinical Biomechanics; Course Coordinator and Instructor (In-person)
2020-Current University of Montana DPT Program
• PT 572 Practice and Administration; Course Coordinator and Instructor (Remote)
2019-Current University of Montana PharmD Program
• Phar 565 APPE Preparation; Guest Lecturer (In-person)
2018-Current: University of Montana DPT Program
• PT 679 Trends in Joint Manipulation; Course Coordinator and Instructor (In-person)
2018-Current: University of Montana DPT Program

- PT 573 Musculoskeletal Management III; Course Coordinator and Instructor (In-person)
- 2015-Current: University of Montana DPT Program
- PT 583 Integrated Clinical Experience; Clinical Instructor (In-person)
- 2015-Current: University of Montana DPT Program
- PT 569 Musculoskeletal Management II; Course Coordinator (2016-17) and Instructor (In-person)

Previous Teaching Responsibilities:

- 2018-2020: University of Montana DPT Program
- PT 676 Clinical Reasoning III; Course Coordinator and Instructor (In-person & remote)
- 2015-2017: University of Montana DPT Program
- PT 569 Musculoskeletal Management II; Instructor (In-person)
- 2014-2015: Maitland Australian Physiotherapy Seminars (MAPS)
- MT-1: Essential Peripheral; Lab Assistant and Instructor (In-person)
 - MT-2: Essential Spine; Lab Assistant and Instructor (In-person)
 - MT-G: Geriatric Manual Therapy; Lab Assistant and Instructor (In-person)
- 2013-2015: University of Illinois at Chicago OMPT Fellowship Program
- PT 582 Advanced Manipulation I: Extremities; Instructor (In-person)
- 2013-2015: University of Illinois at Chicago OMPT Fellowship Program
- PT 584 Clinical Mentorship I: Extremities; Clinic Mentor (In-person)
- 2013-2015: University of Illinois at Chicago OMPT Fellowship Program
- PT 585 Clinical Mentorship II: Spine; Clinic Mentor (In-person)
- 2012-2015: University of Illinois at Chicago DPT Program
- PT 631 Musculoskeletal Dysfunction I; Instructor and Lab Assistant (In-person)
- 2011-2012: Creighton University DPT Program
- PTD 437 Physical Therapy Interventions II; Lab Assistant and Lecturer (In-person)
- 2011-2012: Creighton University DPT Program
- PTD 447 Musculoskeletal Physical Therapy I; Lab Assistant and Lecturer (In-person)
- 2011-2012: Creighton University DPT Program
- PTD 557 Musculoskeletal Physical Therapy II; Lab Assistant and Lecturer (In-person)
- 2011-2012: Creighton University OTD Program
- OTD 432 Upper Extremity Conditions; Guest Lecturer (In-person)