

TARANG KUMAR JAIN

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Education

PhD	Rehabilitation Science	University of Kansas Medical Center (KUMC) Kansas City, KS	2014
DPT	Physical Therapy	University of Kansas Medical Center (KUMC) Kansas City, KS	2011
BPT	Physical Therapy	MGM Medical College, Devi Ahilya Vishwavidyalaya, Indore, India	2003

Licensure Information/Registration Number

Practical Technologist in Bone Densitometry: AZ # 30006	2017 – present
Physical Therapist: ID # 7471043	2025 – present
Physical Therapist: AZ # 11321	2014 – present
Physical Therapist: MI # 5501013178	2007 – present
Physical Therapist: KS # 11-03913	2009 – 2020
Physical Therapist: Madhya Pradesh, India	2004 – 2006
Physical Therapist: Delhi, India	2004 – 2005

Certifications

Fellow of Higher Education Leadership (FHEL)	2023 – 2024
Certificate in Effective College Instruction (ACUE)	2018
Certified Clinical Densitometrist	2017
Scholar – Faculty Development Collaborative Program in Geriatrics	2014 – 2015
Health Professions Educator Certificate	2013
Certified Kinesio Taping Practitioner (CKTP)	2013
Certified Exercise Expert for Aging Adults (CEEAA)	2012
Certified Basic Life Support (BLS)	2009 – present

Employment and Positions Held

Dept. Chair	Physical Therapy and Athletic Training, Idaho State University, Pocatello, ID	2025
Program Director	Doctor of Physical Therapy Program, Idaho State University, Pocatello, ID	2025
Associate Professor (Tenured)	Doctor of Physical Therapy Program, Idaho State University, Pocatello, ID	2025
Associate Professor (Tenured)	Physical Therapy and Athletic Training, Northern Arizona University, Flagstaff, AZ	2020 – 2024
Provost Leadership Fellow	Northern Arizona University, Flagstaff, AZ	2023 – 2024
Adjunct Faculty	P.P. Savani School of Physiotherapy, Surat, India	2023 – present
Associate Faculty	Interdisciplinary Health PhD Program, Northern Arizona University, Flagstaff, AZ	2019 – present
Adjunct Faculty	Univ. Kansas Medical Center, Kansas City, KS	2016 – 2021
Assistant Professor (Tenure track)	Physical Therapy and Athletic Training, Northern Arizona University, Flagstaff, AZ	2014 – 2020
Graduate Research Assistant	Univ. Kansas Medical Center, Kansas City, KS	2008 – 2014
Administrative Assistant for Clinical Education	Univ. Kansas Medical Center, Kansas City, KS	2012 – 2013
Graduate Teaching Assistant	Univ. Kansas Medical Center, Kansas City, KS	2011 – 2014
Graduate Teaching Assistant	Univ. Kansas Medical Center, Kansas City, KS	2006 – 2007
Incharge Physical Therapist	R.D. Gardi Medical College, Ujjain, India	2004 – 2006
Physical Therapist	Dr. Ravindra Gangwal M.S. Ortho., Ujjain, India	2003 – 2004

Clinical Trainee	Indian Spinal Injuries Center, New Delhi, India	2003
Student Intern	MGM Medical College & M.Y. Hospital, Indore, India	2002 – 2003
Clinical Trainee	Gokuldas Hospital and Medicare Center, Indore, India	2002 – 2003

Teaching Experience

Instructor	Human Anatomy	DPT	Idaho State University, ID	Fall 2025
Instructor	Diagnostic Imaging	DPT	Idaho State University, ID	Fall 2025
Clinical Instructor	Clinical Skills	DPT	Student Health Clinic, Flagstaff	2015 – 2024
Instructor	Capstone Project	DPT	Northern Arizona Univ, Flagstaff	2014 – 2024
Instructor	Patient Presentations	DPT	Northern Arizona Univ, Flagstaff	2014 – 2024
Instructor	Movement Systems 1	DPT	Northern Arizona Univ, Flagstaff	Fall 2024
Instructor	Contemporary Developments	EGR	Northern Arizona Univ, Flagstaff	2023 – 2024
Instructor	Clinical Anatomy I	DPT	Northern Arizona Univ, Flagstaff	Fall 2020 – 2024
Instructor	Clinical Anatomy II	DPT	Northern Arizona Univ, Flagstaff	Spring 2017 – 2024
Instructor	Differential Diagnosis	DPT	Northern Arizona Univ, Flagstaff	Spring 2016 – 2024
Instructor	Abnormal Human Gait	DPT	Northern Arizona Univ, Flagstaff	Summer 2020 – 2024
Instructor	Normal Human Gait	DPT	Northern Arizona Univ, Flagstaff	Summer 2019 – 2024
Instructor	Therapeutic Exercise	DPT	Northern Arizona Univ, Flagstaff	Spring 2015 – 2021
Co-Instructor	Musculoskeletal Physical Therapy I	DPT	Northern Arizona Univ, Flagstaff	Fall 2015 – 2019
Co-Instructor	Clinical Anatomy I	DPT	Northern Arizona Univ, Flagstaff	Fall 2015 – 2018
Course Coordinator	Innovations and Specializations II	DPT	Northern Arizona Univ, Flagstaff	Spring 2017, 2018
Co-Instructor	Foundations of Physical Therapy Practice	DPT	Northern Arizona Univ, Flagstaff	Fall 2017
Co-Instructor	Cardiopulmonary Therapeutics	DPT	Northern Arizona Univ, Flagstaff	Fall 2017
Instructor	Integumentary Therapeutics	DPT	Northern Arizona Univ, Flagstaff	Fall 2014
Clinical Instructor	Clinical Skills	DPT	Jaydoc Clinic, Kansas City	2009 – 2014
GTA	Physical Therapy Tests and Measures	DPT	Univ. Kansas Medical Center	Summer 2007, 2011, 2013, 2014
GTA	Administration in Physical Therapy	DPT	Univ. Kansas Medical Center	Spring 2014
GTA	Management in Patient Care	DPT	Univ. Kansas Medical Center	Fall 2013
GTA	Musculoskeletal Physical Therapy III	DPT	Univ. Kansas Medical Center	Spring 2007, 2013
GTA	Professional Interactions	DPT	Univ. Kansas Medical Center	Summer 2012, 2013
GTA	Physical Therapy Interventions I	DPT	Univ. Kansas Medical Center	Fall 2012
GTA	Musculoskeletal Physical Therapy I	DPT	Univ. Kansas Medical Center	Spring 2012
GTA	Physical Therapy Interventions II	DPT	Univ. Kansas Medical Center	Spring 2012
GTA	Pediatric Physical Therapy	DPT	Univ. Kansas Medical Center	Fall 2011
GTA	Exercise Physiology	DPT	Univ. Kansas Medical Center	Fall 2007
GTA	Health Promotion through the Lifespan	DPT	Univ. Kansas Medical Center	Summer 2007
GTA	Musculoskeletal Physical Therapy II	DPT	Univ. Kansas Medical Center	Fall 2006
GTA	Applied Kinesiology & Biomechanics	DPT	Univ. Kansas Medical Center	Fall 2006
Demonstrator	Electrotherapy	BPT	RD Gardi Med College, India	Summer 2006

Peer Reviewed Publications (in reverse chronological order)

(* indicates student author)

1. Aguila, M.C., **Jain, T.K.**, Lee, A.C., Peralta, S.M. When East Meets West: Considerations in Physical Therapist Care for the Asian American Population. *Physical Therapy*, Volume 104, Issue 6, June 2024, pzae020, <https://doi.org/10.1093/ptj/pzae020>
2. Roy, I., Karmakar, A.M., Lininger, M., **Jain, T.K.**, Lammers, L., Kumar, A. Association Between Hospital Participation in Value-Based Programs and Timely Initiation of Post-Acute Home Health Care, Functional Recovery, and Hospital Readmission after Joint Replacement. *Phys Ther.* 2023 Dec 6;103(12): PMID: 37694820; PMCID: PMC10715680
3. Singh, G., **Jain, T.K.**, Colgrove, Y., Pahwa, R., Lyon, K., Sharma, N. (2022) Balance Training in Individuals with Parkinson's Disease: Biodex Stability System vs. Supervised Exercise Program. *J Indian Assoc Physiother.* 16:65-71
4. **Jain, T.K.**, Rawal, S. (2022) Delivering High-Quality Patient Care Using Evidence Based Practice. *Physiotherapy*, 16(1), 103-106

5. Kanaan, S., Almhdaei, K.A., Khader, Y.S., **Jain T.K.**, Jaber, A.F., Almomani, F. (2022) Predictors of Neck Disability Among Undergraduate Students: A Cross-sectional Study. *Work* (Reading, Mass.), 72(3), 1119–1128. (PMID: 35634840)
6. Rhon, D., Frase, J., Sorensen J., Greenlee, T., **Jain, T.K.**, Cook, C. (2021) Delayed Timing in Rehabilitation is Associated with Recurrence and Higher Healthcare Utilization after Ankle Sprain Injuries in the United States Military Health System. *Journal of Orthopedic and Sports Physical Therapy*, 51 (12), 552-628. (PMID: 34847698) (2021 JOSPT Guy G. Simoneau Excellence in Research Award)
7. **Jain, T.K.**, Carter, V. A., Lerner, Z. F. (2020). A Wearable Ankle Exoskeleton Improves Walking Economy in an Individual with Parkinson Disease: A Feasibility Case Study. *Topics in Geriatric Rehabilitation*, 36(3), 146-151.
8. Carter, V, Farley, B, Wing K, De Heer, H.D., **Jain, T.K.** (2020). Diagnostic Accuracy of the 3-Meter Backward Walk Test in Persons with Parkinson Disease: A Retrospective Study. *Topics in Geriatric Rehabilitation*, 36(3), 140-145.
9. Singh, G., **Jain, T.K.**, Liu, W., Colgrove, Y., Pahwa, R., Lyon. K., Sharma, N. (2020). Effects of Balance Training on Nonmotor Symptoms in Individuals with Parkinson Disease. *Topics in Geriatric Rehabilitation*, 36(3), 187-193.
10. John, H., Talkington, M*. **Jain, T.K.** (2020). Optimal Exercise for Gluteal Recruitment: An Exploration of Gluteus Muscle Activation During Jumping Tasks. *International Journal of Sports Physical Therapy*, 15(6), 1019. (PMID: 33344018)
11. Fosberg, K., Cleland, J., **Jain, T. K.**, Schmitz, B., Puentedura, E. (2020). The Effects of Thrust Joint Manipulation on the Resting and Contraction Thickness of Transversus Abdominis in Patients with Low Back Pain: A Randomized Control Trial. *Journal of Manipulative and Physiological Therapeutics*. 43(4), 339-355. (PMID: 32709514)
12. **Jain, T. K.**, Cornwall, M. W., & Hagel, T.* (2019). Tibial And Calcaneal Coupling in those with Chronic Ankle Instability. *Gait and Posture*, 70, 130–135. (PMID: 30852439)
13. Cornwall, M. W., **Jain, T. K.**, Holmgren, S.*, Dorri, A.*, & Young, C.* (2018). The Effect of Kinesiotape on Static Foot Posture, Plantar Pressure, and Rearfoot Motion in Individuals with Pronated Feet. *Int J Sports Phy Ther*. 14(3), 368-375. (PMID: 31681496)
14. Harmon, M., Ferrel, C., Carter, V., **Jain, T.K.** (2018). Launching into Interprofessional Education: Graduate Students Learning and Growing Together. *Journal of Interprofessional Care*. 1-3. (PMID: 30444153)
15. Carter, V., **Jain, T.K.**, James, J., Cornwall, M., Aldrich, A., De Heer H.D. (2017). The 3-Meter Backwards Walk (3MBW) and Retrospective Falls: Diagnostic Accuracy of a Novel Clinical Measure. *Journal of Geriatric Physical Therapy* (2001), 42(4), 249–255. (PMID: 29095771)
16. **Jain, T.K.**, Wauneka, C., Liu, W. (2016). Four Weeks of Balance Training Does Not Affect Ankle Joint Stiffness in Subjects with Unilateral Chronic Ankle Instability. *Int J Sports Exerc Med*, 2(1), 036. (PMID: 27642647)
17. Liu, W., **Jain, T.K.**, Santos, M., Heller, D., Hiller, C.E. (2014). Important issues concerning use of the term ‘copers’ in chronic ankle instability research. *Sports Med*. Dec;44(12):1775-6. (PMID: 25373411)
18. **Jain, T.K.**, Sharma, N. (2014). The Effectiveness of Physiotherapeutic Interventions in Treatment of Frozen Shoulder/Adhesive Capsulitis: A Systematic Review. *Journal of Back and Musculoskeletal Rehabilitation*. 27(3):247-73 (PMID: 24284277)
19. **Jain, T.K.**, Wauneka, C., Liu, W. (2013). Unloading Reaction During Sudden Ankle Inversion in Healthy Adults. *Gait & Posture*, 39(1), 529-533. (PMID: 24119321)
20. Liu, W., **Jain, T.K.**, Wauneka, C. (2013). A New Dimension in the Study of Human Functional Joint Instability. *Applied Mechanics and Materials*, 249, 1271-1276.

Book Chapters/Monographs

1. Heick, J. D., Peterson, S., & **Jain, T. K.** (2019). Principles of Differential Diagnosis. [Academy of Orthopaedic Physical Therapy, American Physical Therapy Association](#)
2. Heick, J. D., Peterson, S., & **Jain, T. K.** (2019). Screening the Upper Extremity. [Academy of Orthopaedic Physical Therapy, American Physical Therapy Association](#)
3. Heick, J. D., Peterson, S., & **Jain, T. K.** (2019). Screening the Lower Extremity. [Academy of Orthopaedic Physical Therapy, American Physical Therapy Association](#)

Peer Reviewed Publications (invited/accepted/in review)

(* indicates student author)

1. **Jain T.K.**, Wauneka C., Liu W. Effect of 4-week Balance Training Program on Ankle Joint Proprioception in Patients with Functional Ankle Instability. ([Physiotherapy Theory and Practice](#))
2. Carter V., *Burdett K.J., *Cooper K.R., *Notbohm C.S., **Jain T.K.** The Impact of a 12-Week High-Intensity Aquatic Program on Bone Health and Balance in Peri/Postmenopausal Women: A Within-Subject Repeated-Measures Study (Revisions - [The Journal of Aquatic Physical Therapy](#))

Non peer reviewed Publications

(* indicates student author)

1. **Jain, T.K.** (2024) [Unmasking the Shadows of Care: Confronting Clinician Burnout.](#) Blog, Academy of Orthopaedic Physical Therapy
2. **Jain, T.K.**, Maher, S.F., Ortega, C. (2023); Physical Therapy Compact Education Module (FSBPT) Webinar (2024): [Preparing a Mobile Generation for Licensure Portability: PT Compact Education Module](#) Webinar (2023): [Introducing Students to the PT Compact: A Module for Educators](#)
3. *Mullen, K, Cook, J.R., Warren, M., **Jain, T.K.** (2017) Protocol Helps Improve TKA Outcomes, Cut Costs. Lower Extremity Review. Apr; 9(4): 33-36
4. *Sleeman R., Kroneberger L., **Jain T.K.** (2016). 3D Printing: The Convergence of Technology and Clinical Care in Physical Therapy Series. APTAAz Newsletter (Arizona Physical Therapy Association), Winter Edition, 12-15.
5. *Andrist K., *Khosraviani N., Kroneberger L., **Jain T.K.** (2016). Robotics and Tele-rehabilitation: The Convergence of Technology and Clinical Care in Physical Therapy Series. APTAAz Newsletter (Arizona Physical Therapy Association), Fall edition, 5-7.
6. *Bailey J., Kroneberger L., **Jain T.K.** (2016). Virtual Reality: The Convergence of Technology and Clinical Care in Physical Therapy Series. APTAAz Newsletter (Arizona Physical Therapy Association), Spring edition, 10-13.
7. **Jain T.K.**, Cress E., Wadsworth K., Cress H., Grisham K., Colgrove Y. (2014). An ethics case study in the use of social media. Trigger points (Kansas Physical Therapy Association), Spring edition, 4–7.

Peer Reviewed Scientific and Professional Presentations (Abstracts Published)

(* indicates student author)

1. Carter V., Heick, J., **Jain, T. K.**, (2023). Dual Tasking with Walking and Visual-Verbal Processing is More Difficult for Persons with Parkinson Than for Young and Older Adults. Journal of Parkinson's Disease, vol. 13, no. s1, pp. 209, 2023. DOI: 10.3233/JPD-2399900
2. Carter V., Heick, J., **Jain, T. K.**, (2023). The Eyes Have It: Persons with Parkinson Disease Demonstrate Poor Performance on The King-Devick Test. Journal of Parkinson's Disease, vol. 13, no. s1, pp. 208-9, 2023. DOI: 10.3233/JPD-2399900
3. *McElFresh, J., **Jain T.K.** (2023) Wildland Firefighters' Perception of, Interest in, and Access to Healthcare for Managing Work Related Injuries – A Descriptive Study. Journal of Orthopedic and Sports Physical Therapy; 53(2); CSM94-95

4. *Talkington, M., Heick, J. D., & **Jain, T. K.** (2020). Electromyographic Analysis of Gluteus Medius and Maximus Activation during Jumping Tasks. *Journal of Orthopedic and Sports Physical Therapy*; 50(1); 1-CSM 233
5. Kaiser, A*, **Jain, T.K.** (2020). Perception, Experience, and Access—A Descriptive Study of Injuries and Health Care in Recreational Rock Climbers. *Journal of Orthopedic and Sports Physical Therapy*; 50(1); 1-CSM 233
6. Carter, V. A., Lerner, Z. F., & **Jain, T. K.** (2019). A Wearable Ankle Exoskeleton Improves Walking Economy in an Individual with Parkinson Disease: A Feasibility Case Study. *Journal of Parkinson's Disease*, vol. 9, no. s1, pp. 176, 2019. DOI: 10.3233/JPD-199900
7. *Newell, C., Okurily, A. **Jain, T. K.**, & Carter, V. A. (2019). Disease Specific Exercise in Persons with Parkinson's disease: An Observational Study. *Journal of Parkinson's Disease*, vol. 9, no. s1, pp. 176-77, 2019. DOI: 10.3233/JPD-199900
8. Cornwall, M. W., **Jain, T. K.**, Hagel, T., & Sayeg A. (2019). Coupling Variability Between the Leg and Rearfoot in those with Chronic Ankle Instability [abstract]. *Journal of Orthopedic and Sports Physical Therapy*; 49(1); CSM83
9. *Campbell, C. *Strauss, D., *Webster, A., **Jain, T.K.** (2018). A Quality Assessment of Lumbar Manipulation Techniques on YouTube: A Systematic Review of Video Content [abstract]. *Journal of Orthopedic and Sports Physical Therapy*; 48(1); A88-89
10. *Gering, C., *Miller, J., **Jain, T.K.** (2018). Physical Therapists' Attitudes towards Rehabilitation Following Anterior Cruciate Ligament Injury [abstract]. *Journal of Orthopedic and Sports Physical Therapy*; 48(1); A116-117
11. *Orchard, M., **Jain, T.K.** (2018). Work-Related Musculoskeletal Injuries in Physical Therapy Students: A Pilot Study [abstract]. *Journal of Orthopedic and Sports Physical Therapy*; 48(1); A161-162
12. *Orlowski, V., **Jain, T.K.** (2018). Beliefs About Risk Factors and Prevention of Upper Extremity Injuries in Recreational Rock Climbers: A Descriptive Study [abstract]. *Journal of Orthopedic and Sports Physical Therapy*; 48(1); A162
13. *Young, C., Cornwall, M., Raab, S., **Jain, T.K.** (2018). Effect of Two Types of Tape on Foot Posture and Range of Motion Before and After Exercise in Healthy Individuals [abstract]. *Journal of Orthopedic and Sports Physical Therapy*; 48(1); A202
14. **Jain T.K.**, Wauneka C., Liu, W. (2017). Unloading Reaction Alterations in Patients with Functional Ankle Instability [abstract]. *British Journal of Sports Medicine* Oct 2017, 51 (Suppl 1) A23-A24; DOI: 10.1136/bjsports-2017-anklesymp.60
15. *Messer, A., **Jain, T.K.** (2017). Is Ankle Taping an Appropriate Intervention for Preventing Lateral Ankle Sprains: A Systematic Review [abstract]. *Journal of Orthopedic and Sports Physical Therapy*; 47(1); A123-124
16. **Jain, T.K.**, Wauneka, C.N., Liu, W. (2016). The effect of balance training on unloading reactions during sudden ankle inversion in individuals with functional ankle instability [abstract]. *Journal of Orthopedic and Sports Physical Therapy*; 46(1); A98
17. **Jain, T.K.**, Wauneka, C.N., Liu, W. (2015). Can balance training affect the ankle joint stiffness in subjects with unilateral chronic ankle instability? [abstract]. *Physiotherapy*; 101(1); e667
18. **Jain, T.K.**, Wauneka, C.N., Liu, W. (2015). Contributing factors to balance training in people with functional ankle instability [abstract]. *Journal of Orthopedic and Sports Physical Therapy*; 45(1); A22
19. **Jain, T.K.**, Wauneka, C.N., Liu, W. (2014). Ankle proprioception can be trained through balance exercises in patients with functional ankle instability [abstract]. *Medicine & Science in Sports & Exercise*. 46(5S): p. 696
20. Liu, W., **Jain, T.K.**, Wauneka, C.N. (2014). Involvement of central motor control system in functional ankle instability [abstract]. *Medicine & Science in Sports & Exercise*. 46(5S): p. 697
21. **Jain T.K.**, Wauneka, C.N., Liu, W. (2014). The effect of balance training on ankle proprioception in patients with functional ankle instability [abstract]. *Journal of Foot and Ankle Research*. 7(Suppl 1):A37, 28-29

22. **Jain, T.K.**, Wauneka, C.N., Liu, W. (2014). Can hyper-reactivity to unloading reaction cause ankle giving-way in patients with functional ankle instability? [abstract]. Clinical and Translational Science, 7: 266
23. **Jain, T.K.**, Wauneka, C.N., Liu W. (2014). Understanding the role of CNS in functional ankle instability [abstract]. Journal of Orthopedic and Sports Physical Therapy; 44(1); A138-139
24. Liu, W., **Jain, T.K.**, McGuff S., Hozie B., Wauneka C. (2014). Effort and muscle force/activation depend on impairment level in stroke survivors [abstract]. Journal of Neurologic Physical Therapy; 38(1); 55
25. **Jain, T.K.**, Wauneka, C.N., Liu W. (2013). Objective evaluation of chronic ankle instability and balance exercise treatment [abstract]. Journal of Orthopedic and Sports Physical Therapy; 43(1); A27
26. **Jain, T.K.**, Sharma, N. (2013). The effectiveness of physiotherapeutic interventions in treatment of adhesive capsulitis: A systemic review [abstract]. Journal of Orthopedic and Sports Physical Therapy; 43(1); A92

Peer Reviewed Scientific and Professional Presentations (Abstracts not Published)

(* indicates student author)

1. *Hamann, T., *Montague, L., Carter, V., **Jain, T.K.** (2025) Implementation of an Aquatic Pediatric Exercise Program in DPT Curriculum. American Physical Therapy Association - Combined Sections Meeting. Houston, TX
2. *Chleboun, A., **Jain, T.K.** (2025) Effectiveness of Physical Therapy Interventions in Managing Rock Climbing Injuries: A Mixed-Method Study. American Physical Therapy Association - Combined Sections Meeting. Houston, TX
3. Heick, E., **Jain, T.K.** (2025) Evaluating Debridement Skill Acquisition Through Diverse Training Models: A Mixed-Methods Analysis. American Physical Therapy Association - Combined Sections Meeting. Houston, TX
4. Carter, V., Broker, S., **Jain, T.K.** (2025) Multisite Tai Chi Program Enhances Balance, Confidence, and Gait Speed in Seniors: Pilot Study. American Physical Therapy Association - Combined Sections Meeting. Houston, TX
5. *Johnson, C., *Fox, C. Garrison, S., **Jain, T.K.** (2025) Concussion Education Improves Awareness in Youth Soccer Athletes. American Physical Therapy Association - Combined Sections Meeting. Houston, TX
6. *Wyble-Meza, K.R., *Long, S.B., *Pearce, D.R., *Hampton, G.L.K., Garrison, S. M., **Jain, T.K.** (2024) Impact of FMS-Based Interventions on a Division 1 Football Team's FMS Scores, APTA Arizona Fall Meeting, Tucson AZ
7. *Magallanez, M., *Romano, I., *Cheetham, J., Carter, V., **Jain, T.K.** (2024) Go BIG for Parkinson's Race: Fueling the Fight in Northern AZ. APTA Arizona Fall Meeting, Tucson AZ
8. *Chleboun, A., **Jain, T.K.** (2024) Therapeutic Interventions and Injury Prevention for Recreational Rock Climbers: A Cross-Sectional Survey. APTA Arizona Fall Meeting, Tucson AZ
9. *Corbett, K., *Darrow, R., *Hallstrom, D., *Kuipers, F., Stone, J., **Jain, T.K.** (2024) Paddling Beyond Barriers: Fostering Inclusivity Through Adaptive Strategies in Kayaking. APTA Arizona Fall Meeting, Tucson AZ
10. *Drake, H., *Hurkett, R., *Gaughan, M., Stone, J., **Jain, T.K.** (2024) Women in Mountain Biking: Barriers and Accessibility. APTA Arizona Fall Meeting, Tucson AZ
11. Garrison, S., **Jain, T.K.** (2024) Diverse Educational Technologies in Anatomy Curriculum: A Pilot Study. Education Leadership Conference. Oakland, CA
12. Heick, E., **Jain, T.K.** (2024) Evaluating Debridement Skill Acquisition Through Diverse Training Models: A Mixed-Methods Analysis. Symposium on Advanced Wound Care, Las Vegas, NV
13. Heick, E., **Jain, T.K.** (2024) Peeling Back the Layers: An Egg-citing Journey of Debridement Lab Learning with Oranges, Ham Hocks, and Eggplants! American Physical Therapy Association - Combined Sections Meeting. Boston, MA
14. *Drake, H., *Hurkett, R., *Gaughan, M., Stone, J., **Jain, T.K.** (2024) Tales from the Trails: Female Mountain Bikers and the Diverse Landscape of Injuries. American Physical Therapy Association - Combined Sections Meeting. Boston, MA

15. *Cooper, T., Carter, V., **Jain, T.K.** (2024) Building Bridges of Care: Unleashing the Power of Interprofessional Outreach through Pop-up Care Villages. American Physical Therapy Association - Combined Sections Meeting. Boston, MA
16. *Stillings, M., *Sweet, T., *VanderWeyst, A., *Wheeler, T., Carter, V., **Jain, T.K.** (2024) Aquatic Therapy for All: Overcoming Barriers to Improve Access for Neurological Patients. American Physical Therapy Association – Combined Sections Meeting. Boston, MA
17. *Sweet, T., *Stillings, M., *VanderWeyst, A., *Wheeler, T., Carter, V., **Jain, T.K.** (2024) From Classroom to Poolside: Student-Led Innovations for Patient Access in Aquatic Exercise Programs. American Physical Therapy Association - Combined Sections Meeting. Boston, MA
18. *Bauer, C., Carter, V., **Jain, T.K.** (2024) Understanding Perceptions on Safe Exercise and RPE Increase in Parkinson's Disease: A Survey Study. American Physical Therapy Association - Combined Sections Meeting. Boston, MA
19. *Fuller, H. *Flaner, C., **Jain, T.K.** (2023) Comparative Analysis of Stroops Motorless Treadmill and Conventional Treadmill on Postural Balance in Healthy Individuals. APTA Arizona Fall Meeting, Phoenix AZ
20. Heick, E., **Jain, T.K.** (2023) GROOVE: Gaining Real-World Opportunities via Versatile Edibles - A Study of Debridement Training Tools in DPT Education. APTA Arizona Fall Meeting, Phoenix AZ
21. Roy, I., Karmakar, A., **Jain, T.K.**, Kumar A. (2023) Value-Based Payment Program Improves Coordination of Care, Resulting in Better Clinical Outcomes. American Physical Therapy Association – Combined Sections Meeting. San Diego, CA
22. Carter, V.A., **Jain, T.K.** (2023) Effects of High Intensity Jump Based Aquatics on Balance and Bone Health in Postmenopausal Women. American Physical Therapy Association – Combined Sections Meeting. February 2023. San Diego, CA
23. Carter, V.A., *Sterret, C., Heick, J.D., **Jain, T.K.** (2023) The Relationship of Vision and Balance in Adults with Parkinson's Disease Matched with Healthy Controls. American Physical Therapy Association – Combined Sections Meeting. February 2023. San Diego, CA
24. Lerner, A.T., **Jain, T.K.**, Garrison, S. (2022) GRE-en Light to Drop the Requirement? American Physical Therapy Association – Education Leadership Conference. Milwaukee, WI
25. Mehryar, F., **Jain, T.K.**, Jay, A. (2022) The Observation Hours and Recommendation Letters Requirements for Admission to PT Programs for 2020-2021 Cycle. American Physical Therapy Association – Combined Sections Meeting. San Antonio, TX
26. Rhon, D., Fraser, J., Sorensen, J., Greenlee, T., **Jain, T.K.**, Cook, C. (2021) Timing of Rehabilitation is Associated with Recurrence after Ankle Sprain Injury in Tactical Athletes. American Academy of Sports Physical Therapy vConference (**2021 Annual Meeting & Scientific Conference RESEARCH REPORT AWARD**)
27. **Jain, T. K.**, Carter, V, & Heick, J. (2021). Kinematic Cost of a Cognitive Dual Tasking While Walking in Young Healthy Individuals. American Physical Therapy Association – Combined Sections Meeting. Orlando, FL
28. *King, N. & **Jain, T.K.** (2020). Medio-Lateral Ankle Fluency in People With Chronic Ankle Instability During Dynamic Movement Trials. American Society of Biomechanics Annual Conference, Atlanta, GA
29. *Kitkowski, T. M., *Sandifer, K., & **Jain, T. K.** (2020). Therapist and Patient Perspectives on Large Amplitude Functional Movements in the Treatment of Parkinson's Disease. American Physical Therapy Association – Combined Sections Meeting. Denver, CO
30. **Jain, T. K.**, & Carter, V. A. (2020). Aquatic Exercise and Its Effects on Bone Mass Density in Postmenopausal Women: A Pilot Study. American Physical Therapy Association – Combined Sections Meeting. Denver, CO
31. Sood, P., & **Jain, T. K.** (2020). Developing and Comparing Tailored Functional Status Measures across the Continuum of Post-Acute Care. American Physical Therapy Association – Combined Sections Meeting. Denver, CO
32. Carter, V. A., Wing, M. K., Farley, B. G., & **Jain, T. K.** (2020). The Diagnostic Accuracy of the 3-Meter

Backward Walk Test in Persons with Parkinson Disease. American Physical Therapy Association – Combined Sections Meeting. Denver, CO (**BEST POSTER AWARD – Degenerative Diseases Special Interest Group**)

33. Heick, J. D., Carter, V. A., **Jain, T. K.**, & *Rumpell, M. (2020). The Relationship of the Dynamic Visual Acuity Test in Healthy Individuals: Static Compared to Ambulation. American Physical Therapy Association – Combined Sections Meeting. Denver, CO
34. Heick, J. D., Carter, V. A., **Jain, T. K.**, & *Rumpell, M. (2020). The Relationship of the Stroop Test in Static and Dynamic Conditions in Healthy Adults. American Physical Therapy Association – Combined Sections Meeting. Denver, CO
35. **Jain, T. K.**, Lebec, M., *Provencio, L. (2019). To Tweet, or Not to Tweet: Using Twitter to Discuss and Process Concepts Related to Therapeutic Exercise. World Confederation for Physical Therapy Congress 2019, Geneva, Switzerland
36. *Kaiser, A., **Jain, T. K.** (2019). Perception, Experience, and Access: A Descriptive Study of Injuries and Healthcare in Recreational Rock Climbers in the United States. World Confederation for Physical Therapy Congress 2019, Geneva, Switzerland
37. **Jain, T. K.**, *Goldsack, K. & Heick, J. D. (2018). Systematic Review of Outcome Measures Used in Vestibular Rehabilitation in Patients with Concussion. Chicago, IL: The Academy of Neurologic Physical Therapy.
38. Heick, J. D., Carter, V. A., **Jain, T. K.**, & Williams, P. S. (2018). The Relationship of the Dynamic Visual Acuity Test in Healthy Individuals during Static Standing Compared to Ambulating on a Treadmill. Chicago, IL: The Academy of Neurologic Physical Therapy.
39. Heick, J. D., Carter, V. A., **Jain, T. K.**, & Williams, P. S. (2018). The Relationship of the Stroop Color and Word Test in Static and Dynamic Conditions in Healthy Adults. Chicago, IL: The Academy of Neurologic Physical Therapy.
40. **Jain T.K.**, *Provencio L., Lebec M. (2018). The Use of Twitter to Discuss and Process Concepts Related to Therapeutic Exercise in an Entry-level DPT Program. American Physical Therapy Association – Combined Sections Meeting. New Orleans, LA
41. *Holmgren S., *Dorri A., *Young C. **Jain T.K.**, Cornwall M. (2018). The Effect of Kinesiotape on Static Foot Posture and Plantar Pressure in Individuals with Pronated Feet: A Pilot Study. American Physical Therapy Association – Combined Sections Meeting. New Orleans, LA
42. Carter V., **Jain T.K.**, *Randall A., *Loeb A., Harmon M., Farrel C., Kroneberger L. (2018). Interprofessional Collaboration Education and Practice at Northern Arizona University: A Pilot Study. American Physical Therapy Association – Combined Sections Meeting. New Orleans, LA
43. *Hinton A., Carter V., Thoman C., **Jain T.K.** (2018) Common Balance Related Outcome Measures Used for Postmenopausal Women With Or Without Osteoarthritis and Osteoporosis: A Literature Review. American Physical Therapy Association – Combined Sections Meeting. New Orleans, LA
44. *Newell C., **Jain T.K.**, Carter V. (2017). A Deficit Targeted Exercise Approach Reduces Fall Risk for Persons with Parkinson’s Disease: A Pilot Study. Fall Meeting – Arizona Physical Therapy Association, Phoenix, AZ
45. *Dorri A., Holmgren S., Young C. **Jain T.K.**, Cornwall M. (2017). Effectiveness of Kinesio Tape on Rearfoot Motion in Individuals with Pronated Feet: A Pilot Study. Fall Meeting – Arizona Physical Therapy Association, Phoenix, AZ
46. Harmon M., Ferrel C., Carter V., **Jain T.K.** (2017). Interprofessional Education at Northern Arizona University: A Pilot Study. Collaboration Across Borders VI, Banff, AB (CANADA)
47. **Jain T.K.**, *Kynaston A. (2017). To Tweet, or Not to Tweet: A Case Study on Using Social Media to Increase Student Engagement and Satisfaction. World Confederation for Physical Therapy Congress 2017, Cape Town, South Africa
48. *Teslevich J., Williams P., **Jain T.K.**, Wing K., Carter V. (2017). Innovative Rehabilitation for Stroke Survivors: Can intensive bouts of whole-body rehabilitation reduce health care cost for stroke survivors? American Physical Therapy Association – Combined Sections Meeting. San Antonio, TX

49. **Jain T.K.**, *Kynaston A. (2016) To Tweet or Not to Tweet. The Teaching Professor Technology Conference, Atlanta, GA
50. Wauneka C., **Jain T.K.**, Liu W. (2016). Survey of Current Physical Therapy Practice in Lower Limb Rehabilitation Post-Stroke. American Congress of Rehabilitation Medicine, Chicago, IL
51. *Okurily, A., **Jain T.K.**, White E., Carter V.A. (2016). A Disease Specific Exercise Approach in Independent Community Dwellers with Parkinson's Disease: A Pilot Study. 4th World Parkinson Congress, Portland, OR
52. **Jain T.K.**, Wauneka C., Liu W. (2016). The effect of balance training on unloading reactions in individuals with functional ankle instability: A randomized controlled trial. American Society of Biomechanics Annual Conference, Raleigh, NC
53. **Jain T.K.**, Wauneka C., Liu W. (2015). Unloading reactions during sudden ankle inversion in individuals with functional ankle instability. American Society of Biomechanics Annual Conference, Columbus, OH
54. Wauneka C., **Jain T.K.**, Liu W. (2015). Reaching task within a dynamic environment with or without a vibrating manipulandum. American Physical Therapy Association – Combined Sections Meeting. Indianapolis, IN
55. **Jain T.K.**, Wauneka C., Liu W. (2014). Functional ankle instability: Objective evaluation of 4 – week balance training intervention. 7th World Congress of Biomechanics, Boston, MA
56. Liu W., **Jain T.K.**, Wauneka C.N. (2014). A hyper-reactivity of the central nervous system to unloading reaction in functional ankle instability. 7th World Congress of Biomechanics, Boston, MA
57. **Jain T.K.**, Wauneka C., Lai S.M., Liu W. (2014). Discriminating the effects of balance training in people with chronic ankle instability. Student Research Forum, Univ. Kansas Medical Center, Kansas City, KS
58. **Jain T.K.**, Wauneka C., Liu W. (2014). Functional ankle instability: Objective evaluation of 4 – week balance training intervention. Spring Conference – Kansas Physical Therapy Association, Wichita, KS
59. **Jain T.K.** and Jernigan S. (2014). Interprofessional education in physical therapy: A hybrid course at the University Of Kansas Medical Center. American Physical Therapy Association – Combined Sections Meeting. Las Vegas, NV
60. Siengsukon C., Gagnon K., Vidoni E., **Jain T.K.**, Aldughmi M. (2014). “Flipping” for blended learning: a case study on using online and in-person teaching methods in a physical therapy course. American Physical Therapy Association – Combined Sections Meeting. Las Vegas, NV
61. Wauneka C.N., **Jain T.K.**, Wingate H., Ginter J., Liu W. (2013). Novel pulley-system for sub-acute stroke gait rehabilitation: A case study. American Indian Science & Engineering Society National Conference, Denver, CO
62. **Jain T.K.**, Wauneka C., Liu W. (2013). A pilot study investigating the difference in sense of effort between chronic stroke survivors and healthy adults. American Society of Biomechanics Annual Conference, Omaha, NE
63. Wauneka C.N., **Jain T.K.**, Liu W. (2013). Arm reaching with vibrating manipulandum within a dynamic environment. American Society of Biomechanics Annual Conference, Omaha, NE
64. Liu W., **Jain T.K.**, Wauneka C.N. (2013). Involvement of central nervous system in functional ankle instability. American Society of Biomechanics Annual Conference, Omaha, NE
65. **Jain T.K.**, Wauneka C., Ratzki S., Hozie B., Perry B., Swanson G., VanTowle T., & Liu W. (2013). Stroke Rehabilitation: How much effort is enough? Spring Conference – Kansas Physical Therapy Association, Wichita, KS
66. **Jain T.K.**, Wauneka C., Liu W. (2013). Involvement of central nervous system in functional ankle instability. Spring Conference – Kansas Physical Therapy Association, Wichita, KS
67. **Jain T.K.**, Wauneka C.N., Liu W. (2013). Balance exercises and its role in the treatment of chronic ankle instability. Student Research Forum, Univ. Kansas Medical Center, Kansas City, KS
68. Hozie B., **Jain T.K.**, Wauneka C.N., Liu W. (2013). Sense of Effort in Chronic Stroke Survivors. Student Research Forum, Univ. Kansas Medical Center, Kansas City, KS

69. **Jain T.K.**, Wauneka C., Ratzki S., Perry B., Swanson G., VanTowle T., & Liu W. (2012). Difference in sense of effort testing between chronic stroke survivors and healthy adults. Society for Neuroscience – Kansas City Chapter, Univ. Kansas Medical Center, Kansas City, KS
70. Liu W., **Jain T.K.**, Wauneka C. (2012). A new dimension in the study of human functional joint instability. 3rd International Conference on Applied Mechanics and Mechanical Engineering (ICAMME 2012), Macau
71. **Jain T.K.**, Wauneka C.N., Liu W. (2012). Objective evaluation of chronic ankle instability and balance exercise treatment. American Society of Biomechanics Annual Conference, Gainesville, FL
72. **Jain T.K.**, Sharma N. (2012). The effectiveness physiotherapeutic interventions in treatment of adhesive capsulitis: A systemic review. Spring Conference – Kansas Physical Therapy Association, Wichita, KS
73. **Jain T.K.**, Sharma N. (2012). The effectiveness of conservative treatments in various stages of shoulder adhesive capsulitis: A systemic review. Student Research Forum, Univ. Kansas Medical Center, Kansas City, KS
74. Wauneka C.N., **Jain T.K.**, Mukherjee M., Ratzki S., Perry B., Swanson G., VanTowle T., Liu W. (2012). Stroke survivor rehabilitation: Developing optimal sensory motor training approaches. 9th Annual Capitol Graduate Research Summit, Topeka, KS
75. **Jain T.K.**, Wauneka C., Liu W. (2010). Unloading reactions during sudden ankle inversion while nding. Student Research Forum, Univ. Kansas Medical Center, Kansas City, KS
76. Soni A., Hussain S., **Jain T.K.** (2006). Tissue-specific plantar fascia stretching exercise enhances outcomes in patients with chronic heel pain. MP – ORTHOCON, Ujjain, INDIA.
77. **Jain T.K.**, Soni A., Hussain S. (2005). Tissue-specific plantar fascia stretching exercise enhances outcomes in patients with chronic heel pain. The International Conference on Manual Therapy. Dehradun, INDIA
78. **Jain T.K.**, Gangwal R. (2004). Randomized controlled trial of home-based exercise programme to prevent falls in elderly women. 1st North India Conference of Physiotherapy. Dehradun, INDIA

Invited Scientific and Professional Presentations (Abstracts not Published)

(* indicates student author)

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| 1. Jain, T.K. , Heick J. Advancing Curriculum and Clinical Reasoning for Excellence in Physical Therapy Education. (Education Session), American Physical Therapy Association – Education Leadership Conference. Kansas City, KS (Accepted) | October, 2025 |
| 2. Ganesan. M., Jain, T.K. , Bhatt, T., Muthaiah, V.P.K. Path to Publication for Physical Therapists: Research Design, Data Management, and Dissemination (Preconference Workshop), American Physical Therapy Association – Combined Sections Meeting. Boston, MA | February, 2025 |
| 3. Thackeray, A., Jain, T.K. Integrating Manual Therapy with Person centered Care to Enhance Patient Empowerment (Handon Workshop). 9th International Conference of Physiotherapy, All India Institute of Medical Sciences, New Delhi, INDIA | December, 2024 |
| 4. Abercrombie, S., Holeski, L., Jain, T.K. , Jenson, R., Maring, L. Teaching Matters. 2024 Provost leadership Fellowship Summit, Northern Arizona University | April, 2024 |
| 5. Jain, T.K. Beyond the Status Quo: Elevating DPT Education Through Innovative Assessments. 2024 Disruptive Innovation in Physical Therapist Education Virtual Summit | April, 2024 |
| 6. Maher S., Jain, T.K. , Ortega, C., Introducing Students to the PT Compact: A Module for Educators. Federation of State Boards of Physical Therapy (FSBPT) | March, 2024 |
| 7. Ganesan. M., Jain, T.K. , Bhatt, T., Muthaiah, V.P.K. Path to Publication for Physical Therapists: Research Design, Data Management, and Dissemination (Preconference Workshop), American Physical Therapy Association – Combined Sections Meeting. Boston, MA | February, 2024 |
| 8. Jain, T.K. Garg, H., Singh, B. Singhal, K., Jha, P.R., Saraf., A.K. Training Future Therapists: A Real Talk on USA's DPT Programs. 9th International Conference of Physiotherapy, All India Institute of Medical Sciences, New Delhi, INDIA | December, 2023 |
| 9. Maher S., Jain, T.K. , Ortega, C., Introducing Students to the PT Compact: A Module for | October, 2023 |

Educators. (Education Session), American Physical Therapy Association – Education Leadership Conference. Philadelphia, PA

10. John, H., **Jain, T.K.** Transforming the Future: Implementing Competency Based Learning in Teaching. (Education Session). American Academy of Orthopaedic Manual Physical Therapists. St. Louis, MO October, 2023
11. Maher S., **Jain, T.K.**, Ortega, C., Introducing Students to the PT Compact: A Module for Educators. Federation of State Boards of Physical Therapy (FSBPT) June, 2023
12. **Jain, T.K.** The Use of Social Media to Enhance Student Learning. Spring 2023 Faculty Showcase on Engaged Teaching. Northern Arizona University, Flagstaff, AZ March, 2023
13. **Jain, T.K.** Physical Therapy License Portability: P.T. Compact 101. APTA Arizona Student Conclave, Phoenix, AZ March, 2023
14. Ganesan. M., **Jain, T.K.**, Bhatt, T., Muthaiah, V.P.K. Path to Publication for Physical Therapists: Research Design, Data Management, and Dissemination (Preconference Workshop), American Physical Therapy Association – Combined Sections Meeting. San Diego, CA February, 2023
15. **Jain, T.K.** Fundamentals of Musculoskeletal Imaging (District 5 Meeting – Arizona Physical Therapy Association, CEU course) February, 2023
16. **Jain, T.K.** From ACUE to Success: Navigating the Academic Journey Together. Northern Arizona University, Flagstaff, AZ October, 2022
17. Carter, V., **Jain T.K.**, Heick, J. Agility and Fall Prediction in Parkinson: Do we have it Backwards? (Education Session), Academy of Neurologic Physical Therapy Annual Conference 2021 October, 2021
18. Watkins, M., **Jain, T. K.**, Lebec, M., Furze, J., Jensen, G.M., Rindflesch, A. Engage and Assess: Combining Pedagogy and Productivity through the Scholarship of Teaching and Learning. (Education Session), American Physical Therapy Association – Combined Sections Meeting. Orlando, FL February, 2021
19. **Jain, T.K.**, Liu, W., McKenzie, A., Byl, N., Greve, K., Reder, R. Boynewicz, K, Campbell, S., Schwertfeger, J. Stories of Struggle, Passion, and Success: PT Career Paths in Research, Clinical, and Academic Settings. (Education Session), American Physical Therapy Association – Combined Sections Meeting. Orlando, FL February, 2021
20. **Jain, T. K.**, Brown, L., Pozzi, F., Tevald, M., Larsen, D., & Kelly, S. Academic Careers: Negotiating and Advancing within the PT profession (Education Session), American Physical Therapy Association – Combined Sections Meeting. Denver CO February, 2020
21. **Jain, T. K.**, Woolf, R., & Ortega, C. Preparing a Mobile Generation for License Portability: PT Compact (Education Session), American Physical Therapy Association – Education Leadership Conference. Seattle, WA October, 2019
22. **Jain T.K.** ABCs of Physical Therapy Practice in the United States. (Presentations in multiple cities (Delhi, Ujjain, Indore in INDIA) December, 2019
23. Capin J., **Jain T.K.**, Kelly S., Lebec M., Tevald M., Wassinger C., Zeni J., Developing and Implementing Your Teaching Philosophy for Quality Instruction (Education Session), American Physical Therapy Association – Combined Sections Meeting. Washington DC January, 2019
24. **Jain T.K.** Should We Look Beyond Peripheral Factors to Treat and Prevent Chronic Ankle Instability? 7th International Conference of Physiotherapy, All India Institute of Medical Sciences, New Delhi, INDIA December, 2018
25. **Jain T.K.** International Hands-on Workshop on Ankle/Foot Analysis and Management, All India Institute of Medical Sciences, New Delhi, INDIA December, 2018
26. *Sheen A., **Jain T.K.** Objective Evaluation of Differences between Individuals with August 2017

Functional Ankle Instability and Ankle Sprain Copers: A Pilot Study. End of Summer Research Collaboration Day – BRIDGES Program, Northern Arizona University, Flagstaff, AZ

27. **Jain T.K.**, Santos M.J., Liu W. A New Etiological Factor in Ankle Instability: Understanding Balance Training (Education Session), American Physical Therapy Association – Combined Sections Meeting. San Antonio, TX February, 2017
28. Cook J.R., **Jain T.K.**, Warren M., Ganley K.J., Prefontaine P., Denney, L.M., Wylie, J.W., Hayes, W. A Comprehensive Joint Replacement Rehabilitation Program at the Verde Valley Medical Center, Northern Arizona Healthcare Research Day, Flagstaff, AZ May, 2016
29. **Jain T.K.**, *Kynaston, A. To Tweet or Not to Tweet! 14th Annual Northern Arizona University Assessment Fair, Flagstaff, AZ March, 2016
30. **Jain T.K.**, Smith D.L., Stewart J.C., Swanson K., Tevald M.A. Getting Your First Academic Job: A Guide for Students, Post-docs, and Clinicians (Educational Session), American Physical Therapy Association – Combined Sections Meeting. Anaheim, CA February, 2016
31. **Jain T.K.** How Does Balance Training Affect Chronic Ankle Instability? Center of Bioengineering Lecture series, Northern Arizona University, Flagstaff, AZ February, 2015
32. **Jain T.K.** Using Twitter to Spark Interdisciplinary Learning. 4th Annual Teaching Day, Northern Arizona University, Flagstaff, AZ January, 2015
33. **Jain T.K.**, Wauneka C.N., Liu W. Objective Evaluation of Functional Ankle Instability and Balance Exercise Treatment. Human Physiology and Biomechanics Seminar. Center for Bioengineering Innovation, Northern Arizona University, Flagstaff, AZ December, 2014
34. **Jain T.K.**, Wauneka C.N., Liu W. Effects of Balance Training in Individuals with Chronic Ankle Instability. Annual Graduate Research Competition, University of Kansas, Lawrence, KS March, 2013
35. Wauneka C.N., **Jain T.K.**, Liu W. Stroke Rehabilitation: How much effort is enough? Annual Graduate Research Competition, University of Kansas, Lawrence, KS March, 2013
36. Hozie B., **Jain T.K.**, Wauneka C.N., Liu W. Sense of Effort in Chronic Stroke Survivors Fall Retreat – T-32 Summer Research Training Program, Univ. Kansas Medical Center, Kansas City, KS October, 2012
37. **Jain T.K.** Skeletal Muscle: Structure and Function. Physical Therapy 711 – Applied Kinesiology and Biomechanics, KUMC September, 2012
38. Ratzki S., Perry B., Swanson G., VanTowle T., **Jain T.K.**, Wauneka C. & Liu W. Difference in Sense of Effort Testing Between Stroke Survivors and Healthy Adults. Student Research Colloquium, Univ. Kansas Medical Center, Kansas City, KS September, 2011
39. **Jain T.K.** The Effectiveness of Physiotherapeutic Interventions in Treatment of Adhesive Capsulitis/Frozen Shoulder. Orthopedic Seminar Series, Univ. Kansas Medical Center, Kansas City, KS April, 2011
40. Ratzki S., **Jain T.K.**, Wauneka C. & Liu W. A Comparative study of Sense of Effort and Weight Matching Ability in Healthy Adults and Stroke Survivors. Fall Retreat – T-32 Summer Research Training Program, Univ. Kansas Medical Center, Kansas City, KS August 2010
41. Sapienza A., **Jain T.K.**, & Liu W. Unloading Reactions in Standing to Sudden Ankle Inversion in Healthy Adults: A preliminary Study Student Research Colloquium, Univ. Kansas Medical Center, Kansas City, KS September, 2008
42. Franklin A., **Jain T.K.**, & Liu W. A Pilot Study Investigating the Difference in Elbow Torque in Healthy Individuals and One Stroke Survivor. Student Research Colloquium, Univ. Kansas Medical Center, Kansas City, KS September, 2008
43. Long N., Sprinstead K., **Jain T.K.**, & Liu W. Does Spasticity or Co-contraction Limit September, 2008

Elbow Extension in Hemiparetic Subjects? A Pilot Study. Student Research Colloquium, Univ. Kansas Medical Center, Kansas City, KS

44. **Jain T.K.** Restoration of Bladder control in SCI patients using Electrical Stimulation. R D Gardi Medical College, Ujjain, INDIA June, 2006
45. **Jain T.K.** Computer Professionals and Health. Invited speaker, Computer Professional's Group, Ujjain, INDIA March, 2006
46. **Jain T.K.** Crush Injuries of Hand Department of Orthopedics – R D Gardi Medical College, Ujjain, INDIA October, 2005
47. **Jain T.K.** Shoulder Dislocations. Department of Orthopedics – R D Gardi Medical College, Ujjain, INDIA July, 2005
48. **Jain T.K.** Effects of Physiotherapy on Pulmonary Function on patients of Scoliosis. Invited speaker, Indian Orthopedic Association – Ujjain Chapter, Ujjain, INDIA February, 2005
49. **Jain T.K.** Aquatic Rehabilitation. Invited speaker, Indian Orthopedic Association – Ujjain Chapter, Ujjain, INDIA February, 2005
50. **Jain T.K.** Effects of Physiotherapy on Pulmonary Function on patients of Scoliosis. Invited speaker, Indian Medical Association – Ujjain Chapter, Ujjain, INDIA December, 2004
51. **Jain T.K.** Normal Gait Mechanics. Department of Orthopedics – R D Gardi Medical College, Ujjain, INDIA August, 2004
52. **Jain T.K.** Applied Anatomy and Examination of the Knee Joint. Department of Orthopedics – R D Gardi Medical College, Ujjain, INDIA May, 2004
53. **Jain T.K.** Mobilization in Sacro-iliac Joint Arthritis and Sacro-iliac Ligament Sprain. MGM Medical College, Indore, INDIA June, 2003
54. **Jain T.K.** Effects of Physiotherapy on Pulmonary Function on patients of Scoliosis. MGM Medical College, Indore, INDIA June, 2003

Funded Grant Activity

Jain T.K. (co-I) 2024 – 2025

Funding Source: FY2025 Technology and Research Initiative Research Fund (TRIF) Research Equipment Grants program (REGP)
 Title: Quattrocento by OT-Bioelettronica
 Role: Co-I (PI – Reza Razavian, PhD, Northern Arizona University)
 Amount: \$49,618

Jain T.K. (co-I) 2023-2027

Funding Source: NIH/NIMHD (7R01MD017719)
 Title: Race and Medicare-Medicaid Dual Enrollment Disparities in Access to Quality and Intensity of Post-Acute Rehabilitation Care and Health Outcomes in Patients with Stroke
 Role: Co-I (PI – Amit Kumar, PhD, University of Utah)
 Amount: \$778,592

Jain T.K. (co-PI) 2023-2024

Funding Source: College of Health and Human Services (CHHS) Mini-Grant, Northern Arizona University
 Title: Using Technology to Promote Critical Thinking and Knowledge Retention: A Cohort Study
 Role: Co-PI (PI – Stephanie Garrison, DPT)
 Amount: \$7,500

Jain T.K. (co-PI) 2023-2024

Funding Source: Faculty Grant Program, Northern Arizona University
Title: Exploring the Physical and Psychological Health of Athletes Post Knee Surgery
Role: Co-PI (PI – Mandeep Kaur, PhD)
Amount: \$18,439

Jain T.K. (co-I) 2023-2024

Funding Source: Community-Campus Partnership Support (CCPS), Northern Arizona University
Title: Exploring Barriers to Rehabilitation Care Continuum in Native Americans, following Discharge from Post-Acute Rehabilitation Setting
Role: Co-I (PI – Indrakshi Roy, PhD)
Amount: \$5,000

Jain T.K. (PI) 2022-2023

Funding Source: Southwest Health Equity Research Collaborative, Center for Health Equity Research, Northern Arizona University
Title: Key Kinematic and Kinetic Characteristics that Distinguishes Forward and Backward Walking in patients with Parkinson's Disease and Post-Stroke
Role: PI (Co-I – Zachary Lerner, PhD and Valerie Carter, PT, GCS, NCS)
Amount: \$20,000

Jain T.K. (PI) 2022-2023

Funding Source: Critical Research Equipment Acquisition (CREA) Grant, College of Health & Human Services, Northern Arizona University
Title: Acquisition of the Biodex System 4 dynamometer for Multi-Disciplinary Research and Training at Northern Arizona University
Role: PI (Co-I – John Heick, PT, PhD and Glenn Edgerton, AT, EdD)
Amount: \$55,278.07

Jain T.K. (co-I) 2019 – 2022

Funding Source: NIH/ AREA R15
Title: Wearable Ankle Assistance to Improve Walking Economy and Standing Balance in Children with Cerebral Palsy
Role: Co-I (PI – Zachary Lerner, PhD)
Amount: \$423,877

Jain T.K. (PI) 2020 – 2021

Funding Source: Small Research Equipment Acquisition Program (S-REAP) Award, Arizona Board of Regents Technology and Research Initiative Fund
Title: ArtUS-IH Scanner with RF modules, 1/0 module, & LF9-Sn60-A3 transducer
Role: PI (Co-I – Zachary Lerner, PhD and Kiisa Nishikawa, PhD)
Amount: \$25,000

Jain T.K. (co-I) 2018 – 2021

Funding Source: AZ Department of Health Services (ADHS18-198864)
Title: Wearable Robotic Assistance to Improve Walking Economy and Mobility for Arizona's Children with Cerebral Palsy
Role: Co-I (PI – Zachary Lerner, PhD)
Amount: \$224,998

Jain T.K. (co-PI) 2017 – 2018

Funding Source: Research Development Grants Program FY18, Northern Arizona University
Title: Personalized Robotic Assistance for Gait Rehabilitation in Individuals with Stroke and Parkinson's Disease
Role: Co-PI (PI – Zachary Lerner, PhD)
Amount: \$24,875

	Jain T.K. (co-PI)	2016 – 2017
Funding Source: Evidence-Based Practice/Research Mini-Grant, Northern Arizona Healthcare		
Title: Identifying functional characteristics of patients with successful total hip or knee joint arthroplasty		
Role: Co-PI (PI – Allen Boyd, M.D.)		
Amount: \$5000		
	Jain T.K. (co-PI)	2016 – 2018
Funding Source: Health Research Initiatives (HRI) Mini-Grant, Northern Arizona University		
Title: Aquatic Exercise and its Effects on Balance and Bone Mass in Postmenopausal Women		
Role: Co-PI (PI – Valerie Carter, PT, DPT, NCS)		
Amount: \$3200		
	Jain T.K. (co-PI)	2016 – 2018
Funding Source: Aquatic Section, American Physical Therapy Association Inc.		
Title: Aquatic Exercise and its Effects on Balance and Bone Mass in Postmenopausal Women		
Role: Co-PI (PI – Valerie Carter, PT, DPT, NCS)		
Amount: \$2500		
	Jain T.K. (PI)	2016 – 2017
Funding Source: Faculty Grant Program, Northern Arizona University		
Title: Objective evaluation of differences in functional ankle instability and ankle sprain copers: A pilot study		
Role: Principal Investigator		
Amount: \$12,076		
	Jain T.K. (PI)	2012 – 2014
Funding Source: Kansas Partners in Progress, Inc.		
Title: Objective evaluation of functional ankle instability and balance exercise treatment		
Role: Principal Investigator		
Amount: \$1000		
	Liu W. (PI)	2012 – 2014
Funding Source: NIH/NIAMSD (1R21AR062205)		
Title: To reveal an etiological factor of functional ankle instability		
Role: Graduate Research Assistant		
Amount: \$331,256		
	Liu W. (PI)	2010 – 2012
Funding Source: Institute for Advancing Medical Innovation (IAMI) – Univ. of Kansas		
Title: Development and validation of optimal assistive gait training devices		
Role: Graduate Research Assistant		
	Dunning (PI)	2009 – 2012
Funding Source: Industry-sponsored		
Title: Multicenter, Randomized Controlled, Partial-Cross Over, Single-Blinded Trial to Evaluate the Effectiveness of Electrical Stimulation Therapy in Patients with Stroke		
Role: Interventional Physical Therapist		

Submitted, Not Funded Grant Activity

	Jain T.K. (Co-PI)	2022 – 2027
Funding Source: NIH/NIAMSD (PA-20-185)		
Title: Prevalence and Contributing Factors of Hyper-reactivity in an Unloading Reaction in Functional Ankle Instability		
Role: Co-PI (PI – Wen Liu, PhD)		
Amount: \$ 497,995		

	Jain T.K. (Co-I)	2019 – 2021
Funding Source: Michael J Fox Foundation for Parkinson's Research Title: CAREER: A Boost to Pediatric Mobility - Autonomous Robotic Ankle Assistance for Free-Living Environments Role: Co-I (PI – Zachary Lerner, PhD) Amount: \$ 499,138		
	Jain T.K. (co-I)	2020 – 2021
Funding Source: National Center for Medical Rehabilitation Research Early Career Research Award (RO3) (PAR-18-211) Title: Objective Evaluation of Balance Training Intervention in Individuals with Function Ankle Instability. Amount: \$282,779		
	Jain T.K. (co-I)	2019 – 2021
Funding Source: National Institutes of Health Title: Evaluating Neuromuscular Adaptation during Intensive Pediatric Gait Rehabilitation with Wearable Assistance Role: Co-I (PI – Zachary Lerner, PhD) Amount: \$ 285,285		
	Jain T.K. (co-I)	2017 – 2018
Funding Source: Michael J Fox Foundation for Parkinson's Research Title: A novel wearable assistive device and control framework for improving gait and balance in individuals with Parkinson's disease Role: Co-I (PI – Zachary Lerner, PhD) Amount: \$ 497,023		
	Jain T.K. (co-PI)	2016 – 2017
Funding Source: Faculty Grant Program, Northern Arizona University Title: Functional Evaluation to Predict Lower Extremity Musculoskeletal Outcomes Role: Co-I (PI – Jupil Ko PhD, ATC) Amount: \$ 14,095		
	Jain T.K. (PI)	2015 – 2016
Funding Source: Equipment Acquisition Grant, Northern Arizona University Title: Acquisition of a motion analysis system for multidisciplinary biomechanics research and training at Northern Arizona University Role: Primary Investigator		
	Jain T.K. (PI)	2014 – 2015
Funding Source: Faculty Grant Program, Northern Arizona University Title: Objective evaluation of functional ankle instability Role: Primary Investigator Amount: \$ 11,623.32		
	Jain T.K. (PI)	2012 - 2013
Funding Source: Orthopedic Section, American Physical Therapy Association Inc. Title: Objective evaluation of functional ankle instability and balance exercise treatment Role: Primary Investigator		
	Jain T.K. (PI)	2011 – 2012
Funding Source: Orthopedic Section, American Physical Therapy Association Inc. Title: Objective evaluation of functional ankle instability and balance treatment Role: Primary Investigator		
	Jain T.K. (PI)	2009
Funding Source: Biomedical Research Training Program - KUMC Title: Effect of balance Training on unloading reaction in individuals with functional ankle instability		

Role: Primary Investigator

Jain T.K. (co-I) 2023-2024

Funding Source: Small Research Equipment Acquisition Program (S-REAP) Award, Arizona Board of Regents Technology and Research Initiative Fund

Title: Quattrocento High-Density EMG system (manufacturer: OT- Bioelettronica, Torino, Italy)

Role: Co-I (PI – Razavian Reza, PhD, Northern Arizona University)

Amount: \$47,735

Membership in Scientific/Professional Organizations

Member	American College of Healthcare Executives	2025 –
Member	International Society for Clinical Densitometry (ISCD)	2016 – 2025
Member	WCPT network for Physical Therapy Educators (PTE)	2014 – 2025
Member	Arizona Physical Therapy Association	2014 – 2025
Member	International Foot and Ankle Biomechanics Community	2008 – 2025
Member	National Osteoporosis Foundation	2007 – 2025
Member	American Physical Therapy Association (APTA)	2007 – 2025
Member	Orthopedic Section – American Physical Therapy Association	2007 – 2025
	- Foot & Ankle interest group	
Member	Research Section – American Physical Therapy Association	2007 – 2025
	- Early Career Researchers special interest group	
	- Biomechanics special interest group	
Member	Education Section – American Physical Therapy Association	2017 – 2025,
	- Academic Faculty special interest group	2008 – 2012
	- Anatomy Educators special interest group	
	- Scholarship of Education special interest group	
Member	Leadership and Innovation Academy – American Physical Therapy Association	2022 – 2025
	HPA Section – American Physical Therapy Association	2009 – 2012
Member	American Society of Biomechanics	2007 – 2025
Member	International Society of Biomechanics	2007 – 2025
Member	The American Academy of Orthopaedic Manual Physical Therapists	2007 – 2025
Member	Gait and Clinical Movement Analysis Society	2014 – 2025
Member	Association for Clinical and Translational Science	2013 – 2016
Member	American Academy of Neurology	2013 – 2016
Member	Kansas Physical Therapy Association	2007 – 2014
Member	American College of Sports Medicine	2012 – 2013
Member	Geriatric Section – American Physical Therapy Association	2007 – 2012
Member	Sport Section – American Physical Therapy Association	2007 – 2012
Member	HPA Section – American Physical Therapy Association	2009 – 2012
Member	North America Spine Society	2011 – 2012
Member	American Association of Advancement of Science	2007 – 2008
Life-Member	The Indian Association of Physiotherapists	
Life-Member	Indian Chapter – International Spinal Cord Society	

Professional Meeting Attendance

- PTLI Disruptive Innovation in Physical Therapist Education: Transforming Physical Therapy Education: Powered by AI: The Future Waits for No One April, 2025
- Combined Sections Meeting – APTA, Houston, TX February, 2025
- Arizona Physical Therapy Association – 2024 Fall Conference November, 2024
- Education Leadership Conference, Oakland, CA October, 2024
- PTLI Disruptive Innovation in Physical Therapist Education: Challenging Our Assumptions About Teaching and Learning: Creating Cultures of Excellence in Education and Practice April 2024
- Combined Sections Meeting – APTA, Boston, MA February, 2024
- 9th International Conference of Physical Therapy AIIMS (INCPT AIIMS) December, 2024
- American Academy of Orthopaedic Manual Physical Therapists, St. Louis, MO October, 2023
- Arizona Physical Therapy Association – 2023 Fall Conference October, 2023
- Education Leadership Conference, Philadelphia, PA October, 2023

• PTLI Disruptive Innovation in Physical Therapist Education – Curricular Bloat and Unwarranted Variability: Now is the Time for Curricular Reform	April, 2023
• Combined Sections Meeting – APTA, San Diego, CA	February, 2023
• Education Leadership Conference, Milwaukee, WI	October, 2022
• Arizona Physical Therapy Association – 2022 Fall Conference	October, 2022
• Arizona Physical Therapy Association – 2022 Spring Conference	June, 2022
• PTLI Disruptive Innovation in Physical Therapist Education: Are We Really Educating PT's to Transform Society: A Virtual Summit	April, 2022
• Combined Sections Meeting – APTA, San Antonio, TX	February, 2022
• Academy of Neurologic Physical Therapy Annual Conference 2021	October, 2021
• Arizona Physical Therapy Association – 2021 Fall Conference	October, 2021
• American Society of Biomechanics virtual Annual Conference, Atlanta, GA	August, 2021
• Combined Sections Meeting – APTA, Orlando, FL (virtual)	February, 2021
• Rehabilitation Research 2020: Envisioning a Functional Future, National Institutes of Health	October, 2020
• Arizona Physical Therapy Association – 2020 Virtual Fall Conference	October, 2020
• Patient-Centered Outcomes Research Institute (PCORI) Virtual Annual Meeting	September, 2020
• American Society of Biomechanics virtual Annual Conference, Atlanta, GA	August, 2020
• Combined Sections Meeting – APTA, Denver CO	February, 2020
• Education Leadership Conference, Seattle, WA	October, 2019
• Tri-State PT Conference, Las Vegas, NV	October, 2019
• Patient-Centered Outcomes Research Institute (PCORI) Annual Meeting, Washington DC	September, 2019
• World Confederation for Physical Therapy Congress, Geneva, Switzerland	May, 2019
• Arizona Physical Therapy Association – 2019 Spring Conference, Phoenix, AZ	May, 2019
• Combined Sections Meeting – APTA, Washington DC	January, 2019
• 7 th International Conference of Physiotherapy, All India Institute of Medical Sciences, New Delhi, INDIA	December, 2018
• Arizona Physical Therapy Association – 2018 Fall Conference, Phoenix, AZ	October, 2018
• American Society of Biomechanics Annual Conference, Rochester, MN	August, 2018
• Combined Sections Meeting – APTA, New Orleans, LA	February, 2018
• Arizona Physical Therapy Association – 2017 Fall Conference, AZ	October, 2017
• 7th International Ankle Symposium, Raleigh, NC	September, 2017
• American Society of Biomechanics Annual Conference, Boulder, CO	August, 2017
• Arizona Physical Therapy Association – 2017 Spring Conference, Phoenix, AZ	May, 2017
• Combined Sections Meeting – APTA, San Antonio, TX	February, 2017
• Arizona Physical Therapy Association – 2016 Fall Conference, Phoenix, AZ	October, 2016
• The Teaching Technology Conference, Atlanta, GA	September, 2016
• American Society of Biomechanics Annual Conference, Raleigh, NC	August, 2016
• Combined Sections Meeting – APTA, Anaheim, CA	February, 2016
• Arizona Physical Therapy Association – 2015 Fall Conference, AT Still University, AZ	October, 2015
• American Society of Biomechanics Annual Conference, Ohio State University, OH	August, 2015
• World Confederation for Physical Therapy Congress, Singapore	May, 2015
• Combined Sections Meeting – APTA, Indianapolis, IN	February, 2015
• Arizona Physical Therapy Association – 2014 Fall Conference, Scottsdale, AZ	October, 2014
• 61 st ACSM Annual Meeting, Orlando, FL	May, 2014
• Translational Science 2014 Annual Meeting, Washington, D.C.	April, 2014
• Kansas Physical Therapy Association – 2014 Spring Conference, Wichita, KS	April, 2014
• Combined Sections Meeting – APTA, Las Vegas, NV	February, 2014
• American Society of Biomechanics Annual Conference, University of Nebraska, NE	September, 2013
• Kansas Physical Therapy Association – 2013 Spring Conference, Wichita, KS	April, 2013
• Combined Sections Meeting – APTA, San Diego, CA	January, 2013
• Kansas Physical Therapy Association – 2012 Fall Conference, Kansas City, KS	September, 2012
• American Society of Biomechanics Annual Conference, University of Florida, FL	August, 2012
• Kansas Physical Therapy Association – 2012 Spring Conference, Wichita, KS	March, 2012
• Combined Sections Meeting – APTA, Chicago, IL	February, 2012
• Combined Sections Meeting – APTA, New Orleans, LA	February, 2011
• Combined Sections Meeting – APTA, San Diego, CA	February, 2010
• American Society of Biomechanics Annual Conference, Penn State University, PA	August, 2009

• MP-ORTHOCON – R D Gardi Medical College, Ujjain (MP)	April, 2006
• 3 rd International Spinal Injuries Conference – Indian Spinal Injuries Center, New Delhi	February, 2006
• The International Conference on Manual Therapy – Sardar Bahadur Singh (P.G.) Institute of Medical Sciences, Balawala, Dehradun (UK)	December, 2005
• 1 st North India Conference of Physiotherapy – Sardar Bahadur Singh (P.G.) Institute of Medical Sciences, Balawala, Dehradun (UK)	December, 2004
• 2 nd International Spinal Injuries Conference – Indian Spinal Injuries Center, New Delhi	March, 2004
• 40 th Annual Conference of Indian Association of Physiotherapists, Indore (MP)	February, 2002
• V th International Conference of Trauma & Critical Care – M.Y. Hospital, Indore (MP)	April, 2002
• 4 th Emergency Medical Training Program – M.Y. Hospital, Indore (MP)	February, 2000

Continuing Education Attended (Other than the conference educational sessions)

• CAPTE PT In-Person Self-Study Workshop	June 17 – 18, 2025
• Navigating Exercise for Low Back Pain: An Evidence-Based Framework for Decision-Making	November 2, 2024
• DXA-Things You Should Know, but Aren't Taught During Manufacturer Training	June 15, 2024
• Osteoporosis Management Strategies	June 15, 2024
• PHPT 2023: New Concepts, New Guidelines	June 15, 2024
• QPR Gatekeeper Training Program	June 14, 2024
• Addressing Burnout: Institutional Models for Retaining Healthcare Workforce	February 24, 2024
• Utility of DXA Monitoring in Clinical Practice	November 24, 2023
• How to Position Patients to a Standard that Reduces Technologists Variability in Hip Scans	November 24, 2023
• Radius Bone Density and Fractures	November 24, 2023
• CAPTE 2023 (August 2023) - Onsite Reviewer Training	October 24, 2023
• LGBTQIA+ Brave Space Training: Crucial Dialogue, Education, and Action in Physical Therapy	October 21, 2023
• Movement Screening Tests for Athletes: Tools for Effective Clinical Practice	January 26, 2023
• Yoga: An Integrative Approach to Successful Aging	January 26, 2023
• Implementing an Intensive Inpatient Rehab Locomotor Training Program Incorporating Robotics and Other Technology-Based Tools	January 10, 2023
• Formula for Community Inclusion = D3STAR: Drummings, Dogs, and Dance	January 10, 2023
• DEI: You Don't Know Jack...Until you Understand his Culture: A Journey into Diversity Education	January 10, 2023
• Be the Boss of your Career: Secrets to Building a Sustainable Practice you Love	January 9, 2023
• Movement System Neuromuscular Diagnoses	December 9, 2022
• Movement System Musculoskeletal Diagnoses of Lumbar Spine and Shoulder	December 9, 2022
• Tough to Treat: Increase your Clinical Expertise by Learning to Assess the Complex Patient	November 28, 2022
• Team treatment of the Arthritic Knee from First Office Visit to Last Postop Visit	November 25, 2022
• Introduction to Integrative Pain Management	November 5, 2022
• Is it Really Back Pain? A Case-Based Approach to Differential Diagnosis and Medical Screening	November 5, 2022
• Application of Least Significant Change Principles to Determine Change in BMD	October 23, 2022
• Evolutionary Origins of the Differences in Osteoporosis Risk in US Populations	October 23, 2022
• Proceedings of the 2019 Santa Fe Bone Symposium: New Concepts in the Care of Osteoporosis and Rare Bone Diseases	October 23, 2022
• The Art of Catching Zebras	October 22, 2022

• Diagnostic Imaging for Physical Therapists	June 11, 2022
• Who are we NOW? The Arizona Physical Therapy Workforce: 2021	October 23, 2021
• Progressing the Profession: Cash Based Services and the Patient Experience	August 6 – 7, 2021
• Next Level Clinical Reasoning: Integration of Diagnostic Ultrasound into Physical Therapy Practice	March 2, 2021
• Advances in Musculoskeletal Management of the Spine	August 15 - 16, 2020
• Calcium and Vitamin D	May 21, 2020
• Cross-calibration, Least Significant Change and Quality Assurance in Multiple Dual-Energy X-ray Absorptiometry Scanner Environments: The 2019 ISCD Official Positions	May 21, 2020
• Beyond the T Score	May 20, 2020
• What's Gone Wrong with Osteoporosis?	May 20, 2020
• Exercise for Bone Health	October 7, 2019
• Recent Important Publications in Skeletal Health	October 7, 2019
• Integration of Performance Therapy with the Elite Athlete	March 6, 2019
• When Osteoporosis Isn't Silent	September 30, 2018
• Challenging DXA Cases	September 30, 2018
• Revisiting the Diagnostic Criteria for Osteoporosis	September 30, 2018
• Blood Pressure: What Every Physical Therapist Should Know	August 23, 2018
• The Role of Physical Therapist in Holistic Health	August 3 – 4, 2018
• Understanding and influencing the Social Determinants of Health	July 15, 2018
• Item Writing and Test Development Workshop for the National Physical Therapist Examination	May 4 - 6, 2018
• Physical Therapy Management of the Geriatric Patient, Information for Use Across Practice Areas	April 28 – 29, 2018
• New Frontiers in Lifestyle Intervention	April 21, 2018
• NAIOMT (C-511) Lumbopelvic Spine I	August 17 – 20, 2017
• Innovations in Stroke Rehabilitation: Implications for Research	April 22, 2017
• Overuse Foot Disorders: Biomechanics, Examination, and Selected Interventions	March 4 – 5, 2017
• CAPTE Self-Study Workshop	October 5 – 6, 2016
• NAIOMT (C-613) Level II: Thoracic Spine	August 18 – 21, 2016
• Basic Musculoskeletal Radiology and Imaging	April, 2016
• Marketing Principles to Improve Utilization of Physical Therapy Treatment of Low Back Pain	April 29, 2016
• Integrating Science and Technology to Advance Physical Therapy	February 12 – 13, 2016
• NAIOMT (C-703) Level III: Advanced Upper Quadrant Integration - Part A	August 20 – 23, 2015
• Lateral Ankle and Peroneal Tendon Reconstruction: Repair to Rehab	August 22, 2015
• An Evidence-Based Biomechanical Approach to Shoulder and Elbow Rehabilitation and screening of the Overhead Throwing Athlete	July 17, 2015
• NIH Regional Seminar/Workshop, Baltimore MD	May 6 – 8, 2015
• NAIOMT (C-626) Level II: Shoulder-Elbow-Wrist-Hand	March 26 – 29, 2015
• Item Writing and Test Development Workshop for the National Physical Therapist Examination	January 16 – 18, 2015
• The Year Ahead for Outpatient PT: Payment Policies in 2015	December 11, 2014
• Return to Sports after ACL Reconstruction	November 12, 2014
• Orthopedic and Sports Related Shoulder Injuries: An Evidence-Based Course Focusing on Examination and Treatment	October 2 – 3, 2014
• Exercise is Medicine 2014: The Power of Prescription	May 2, 2014
• Multi-tasking, Executive Function, and Functional Abilities in Older Adults with Type 2 Diabetes Mellitus	April 17, 2014
• Item Writing and Test Development Workshop for the National Physical Therapist Examination	March 27 – 30, 2014
• Foundations of Oncology for Physical Therapists – Medical Aspects	July 23, 2013

• PQRS 2013: Successful Reporting Strategies for PTs	April 12, 2013
• It's All About the Patient: Inter-professional Education and Collaborative Practice in Physical Therapy	April 6, 2013
• Upper Quarter Dysfunction – Sitting Through the Questions	April 5, 2013
• Core Stability & Prevention as Intervention for Low Back Pain	April 5, 2013
• Appropriate Use of Diagnostic Imaging in Low Back Pain: A Reminder That Unnecessary Imaging May Do as Much Harm as Good	October 20, 2012
• The Low Back Pain is having Brain Surgery: The Pain of Lumbar Surgery	September 30, 2012
• Update on Physical Therapy for Spinal Disorders	September 29, 2012
• fMRI Training Workshop, University of Kansas	August 9 – 11, 2012
• Rehab Cognitive Assessment and Management Basics	June 23, 2012
• Exercise is Medicine 2012	May 18, 2012
• Using the APTA Physical Therapist Clinical Performance Instrument for Students	March 15, 2012
• Functional Biomechanics of Lower Quarter	December 3 – 4, 2011
• StrokEDGE Outcome Measures for Acute Care and In & Outpatient Rehab	August 9, 2011
• The Role of Physical Therapy in Spinal Pain Management	July 9 – 10, 2011
• Town Hall Meeting - Kansas Physical Therapy Association	November 4, 2010
• Promoting Neural Recovery after Stroke: From Research to Clinical Application	June 26, 2010
• The Craniocervical Link to Mandibular Posture	June 17, 2010
• Exercise is Medicine: A Prescription for Better Health	May 14, 2010
• Beyond Bands Workshop – Thera-Band Academy	January 29, 2010
• Advanced Differential Diagnosis for the Physical Therapist	December 6 – 7, 2009
• Current Concepts & Treatment in the Rehabilitation of the Athlete	July 25, 2009
• Evidence-Based Rehabilitation Approach	April 25, 2009

Service

Service to the Department/College/University:

Department Service

• Chair/Member – Faculty Status Committee – Physical Therapy, Northern Arizona University, AZ	2021 – 2024
• Chair/Member – Honors and Scholarship Committee – Physical Therapy, Northern Arizona University, AZ	2021 – 2024
• Chair – TT Faculty Search Committee – Physical Therapy, Northern Arizona University, AZ	2021 – 2023
• Member – Dept. Chair Search Committee – Physical Therapy, Northern Arizona University, AZ	2021 – 2022
• Chair – NTT Faculty Search Committee – Physical Therapy, Northern Arizona University, AZ	2021
• Co-author – CAPTE Accreditation Documents – Physical Therapy, Northern Arizona University, AZ, continuing accreditation – awarded 10 years of re-accreditation till 12/31/2030	2020
• Member – Faculty Search Committee – Physical Therapy, Northern Arizona University, AZ	2019 – 2020
• Chair – Admissions Committee – Physical Therapy, Northern Arizona University, AZ	2018 – 2020
• Member – Admissions Committee – Physical Therapy, Northern Arizona University, AZ	2015 – 2018
• Member – Faculty Search Committee – Athletic Training, Northern Arizona University, AZ	2015 – 2016
• Member – Faculty Search Committee – Physical Therapy, Northern Arizona University, AZ	2015 – 2016
• PhD Student Representative – Ex. Physiology/Cardiopulmonary Faculty position, KUMC	2008

College Service

• Member, Executive Committee – PhD in Rehabilitation and Health Sciences, College of Health, Idaho State University, ID	2025 –
• Chair/Member – College Promotion and Tenure Committee, College of Health and Human Services, Northern Arizona University, AZ	2021 – 2024
• Member - College of Health and Human Services – Diversity, Equity, Inclusion, and Justice Statement Taskforce, Northern Arizona University, AZ	2022
• Member – College Curriculum Committee, College of Health and Human Services, Northern Arizona University, AZ	2020 – 2022

- Chair/Member – Honors and Scholarship Committee, College of Health and Human Services, Northern Arizona University, AZ 2017 – 2022
- Member – Teaching Task Force, College of Health and Human Services, Northern Arizona University, AZ 2018 – 2021
- Member – Academic Integrity Hearing Board, College of Health and Human Services, Northern Arizona University, AZ 2015 – 2017
- Committee Member - Sports Committee, RD Gardi Medical College, INDIA 2004 – 2006
- School Leader - School of Physiotherapy, MGM Medical College, INDIA 1998 – 2002
- Class Representative – School of Physiotherapy, MGM Medical College, INDIA 1998 – 2002

University Service

- Judge – ISU Research & Creative Works Symposium, Idaho State University, ID 2025
- Member – University Provost Search Committee, Northern Arizona University, AZ 2023 – 2024
- Member – University Strategic Planning Committee, Northern Arizona University, AZ 2023 – 2024
- Member – Faculty Senate Committee, Northern Arizona University, AZ 2019 – 2025
- Vice President – Faculty Senate Executive Committee, Northern Arizona University, AZ 2023 – 2024
- Member - Faculty Promotion and Pay Equity Task Force 2023
- Treasurer – Faculty Senate Executive Committee, Northern Arizona University, AZ 2022 – 2023
- Liaison – University Diversity Curriculum Committee, Northern Arizona University, AZ 2020 – 2022
- Liaison – University Graduate Committee, Northern Arizona University, AZ 2019 – 2020
- Member – University Budget Advisory Board, Northern Arizona University, AZ 2022 – 2024
- Member – University Asian and Pacific Islanders (API) Convocation Committee, Northern Arizona University, AZ 2023 – 2024
- International Student Education Faculty Leader, Center of International Education (CIE), Northern Arizona University, AZ 2022 – 2024
- Member – Search Committee, Vice President for Capital Planning and Campus Operations, Northern Arizona University, AZ 2022
- Judge – Undergraduate Research Forum, Northern Arizona University, AZ 2019 – 2022
- Marshal – Graduation Day, Northern Arizona University, AZ 2017, 2018, 2022
- Faculty Mentor - Colleague-to-Colleague Mentor Program, Northern Arizona University, AZ 2018 – 2022
- Member – Academic Standards Committee, Northern Arizona University, AZ 2018 – 2021
- Member – Search Committee, Associate Vice Provost for Curriculum and Assessment, Northern Arizona University, AZ 2021
- Member – Search Committee, University Registrar, Northern Arizona University, AZ 2020 – 2021
- Mentor – Northern Arizona University Bridges Summer 2020 program 2020
- Leader – New Faculty Orientation, Northern Arizona University, AZ 2019
- Member – Faculty Search Committee – Mechanical Engineering, Northern Arizona University, AZ 2018 – 2019
- Faculty Advisor – Indian Association of Northern Arizona, Northern Arizona University, AZ 2018 – 2024
- Associate Faculty – PhD in Interdisciplinary Health Program, Northern Arizona University 2018 – 2024
- Member – Bioengineering Graduate Program Committee, Northern Arizona University, AZ 2016 – 2018
- Mentor – Northern Arizona University Bridges Summer 2017 program 2017
- Member – Planning Committee for Conference titled 'Innovations in Stroke Rehabilitation: Implications for Research', Northern Arizona University, AZ 2016 – 2017
- Member – Faculty Grant Program Review Committee, Northern Arizona University, AZ 2015
- Member – Student Governing Council – Finance Committee, KUMC 2012 – 2014
- Member – Student Governing Council – Information Technology Committee, KUMC 2012 – 2014
- President – Orthopedic Seminar Series, University of Kansas Medical Center (KUMC) 2011 – 2012
- President – KUMC Cricket Club, University of Kansas Medical Center (KUMC) 2011 – 2012
- School of Allied Health Student Representative – Library Committee, KUMC 2011
- In charge – Student Interest Group in Rehabilitation Science, KUMC 2010
- Member – Student Senate Committee, University of Kansas Medical Center (KUMC) 2009 – 2010
- Indian Association Representative – International Affairs Committee, KUMC 2009 – 2010
- Treasurer – Cultural Exchange Program, University of Kansas Medical Center (KUMC) 2008 – 2009

- Treasurer – Indian Association of Kansas University Medical Center, KUMC 2006 – 2009

Service to the Profession:

Service to Professional Organizations

- Member – Scientific Review Committee, Foundation for Physical Therapy Research 2025 – 2028
- Member – APTA Orthopedics Research Committee Awards Work Group 2025 – 2028
- Peer Reviewer – Higher Learning Commission (HLC) 2025 – 2027
- Member – Awards Committee - Subcommittee on Research, APTA 2025 – 2026
- Member – Awards Committee, American Society of Biomechanics 2024 – 2025
- Member – CWT7 Task Force, Federation of State Boards of Physical Therapy 2025
- Program Reviewer – Commission on Accreditation in Physical Therapy Education (CAPTE) 2024 – 2028
- Member – Finance Committee of the APTA Academy of Education 2024 – 2027
- Member – Membership Committee of the American Society of Biomechanics 2023 – 2025
- Treasurer – Arizona Physical Therapy Association (APTAAz) 2022 – 2025
 - Board Member – Arizona Physical Therapy Association (APTAAz)
- Chair – Research Committee, Arizona Physical Therapy Association 2022 – 2025
- Member – Education Module Development Task Force, Federation of State Boards of Physical Therapy 2022 – 2024
- Chair – Communications Committee, Academy of Physical Therapy Research, APTA 2016 – 2024
 - Board Member – Academy of Physical Therapy Research, APTA 2020 – 2024
 - Centennial Ambassador – American Physical Therapy Association (APTA)
- Member – Continuing Education Committee, Arizona Physical Therapy Association 2019 – 2024
- Reviewer - APTA Association Leadership Scholars Program 2024
- Member – National Physical Therapy Examination (NPTE) – PT Practice Analysis Task Force, Federation of State Boards of Physical Therapy 2022
- Member – Foot & Ankle Fellowship Practice Workgroup, Foot and Ankle SIG, Orthopaedic Section, APTA 2021 – 2022
- Chair – Communications Committee, American Society of Biomechanics 2018 – 2021
- Alternate Delegate – Arizona House of Delegates 2018 – 2021
- Member - NEXT Conference & Exposition 2020 Program Committee, Phoenix, AZ 2019 – 2020
- Chair – Research Committee, Arizona Physical Therapy Association 2017 – 2020
- Abstract Mentor – World Physiotherapy Abstract Mentoring Program 2020
- Member – Awards Committee - Subcommittee on Publications, APTA 2017 – 2018
- Session Chair: Musculoskeletal: spine (PL-35) - World Confederation for Physical Therapy Congress, Geneva, Switzerland 2019
- Member – TriState Meeting (California, Nevada, and Arizona) Task Force, Las Vegas, NV 2019
- Member – Scholarship Committee, Arizona Physical Therapy Association 2017
- Chair – Early Career Researchers SIG, Section on Research, APTA 2016 – 2018
- Member – Awards Committee - Subcommittee on Research, APTA 2016 – 2017
- Member – Awards Committee, American Society of Biomechanics 2016
- Member – National Physical Therapy Examination (NPTE)-PT Practice Analysis Task Force, Federation of State Boards of Physical Therapy 2016
- Member – Finance Committee, Research Section, American Physical Therapy Association 2015 – 2018
- Social Network Coordinator – American Society of Biomechanics 2014 – present
- Vice-Chair – Early Career Researchers SIG, Section on Research, APTA 2014 – 2016
- Item Writer – Federation of State Boards of Physical Therapy 2014, 2015, 2018
- Member – Communications Committee of the American Society of Biomechanics 2012 – 2016
- Member – Foot & Ankle Task Force, Foot and Ankle SIG, Orthopaedic Section, APTA 2012 – 2014
- Member and Social Network Coordinator - Student Advisory Committee of the American Society of Biomechanics 2010 – 2014

Reviewer

• Abstract Reviewer – APTA Academy of Education - Combined Sections Meeting, APTA	2022 - 2025
• Abstract Reviewer – Academy of Orthopaedic Physical Therapy - Combined Sections Meeting, APTA	2024 – 2025
• Abstract Reviewer – Academy of Physical Therapy Research - Combined Sections Meeting, APTA	2017 – 2025
• External Reviewer – Russell Sage College, School of Health Sciences. Confidential Review of candidate's scholarship for Tenure & Promotion to Professor	2025
• Abstract Reviewer – APTA Academy of Education, Education Leadership Conference	2022 – 2025
• Abstract Reviewer – 48th Annual Meeting of the American Society of Biomechanics	2025
• Member, Editorial Board – Journal of Indian Association of Physiotherapy	2021 – 2024
• Scientist Reviewer – Peer Reviewed Orthopaedic Research Program, Department of Defense Congressionally Directed Medical Research Programs (CDMRP)	2024
• Scientist Reviewer – Arizona Biomedical Research Centre (ABRC) Research Grant Review Program	2024
• Abstract Reviewer – World Confederation for Physical Therapy Congress	2024
• Ad Hoc Reviewer – The International Journal of Sports Physical Therapy	2024
• Abstract Reviewer – Academy of Orthopaedic Physical Therapy - Combined Sections Meeting, APTA	2024
• Abstract Reviewer – 47th Annual Meeting of the American Society of Biomechanics	2024
• Ad Hoc Reviewer – Frontiers in Physiology	2023
• Ad Hoc Reviewer – Motor Control	2023
• Abstract Reviewer – 47th Annual Meeting of the American Society of Biomechanics	2023
• Scientist Reviewer – Peer Reviewed Medical Research Program, Department of Defense Congressionally Directed Medical Research Programs (CDMRP)	2022
• Scientist Reviewer – Arizona Biomedical Research Centre (ABRC) Research Grant Review Program	2022
• Ad Hoc Reviewer – Sport Sciences for Health	2022
• Ad Hoc Reviewer – Medicine	2022
• Abstract Reviewer – North American Congress of Biomechanics	2022
• Ad Hoc Reviewer – Journal of Orthopaedic Surgery and Research	2022
• Ad Hoc Reviewer – Journal of Stroke and Cerebrovascular Diseases	2019 – 2022
• External Reviewer – Auburn University, Dept of Mechanical Engineering. Confidential Review of candidate's scholarship for Tenure and Promotion to Associate Professor	2021
• Ad Hoc Reviewer – Physiotherapy Research International	2021
• Ad Hoc Reviewer – BMC Sports Science, Medicine and Rehabilitation	2021
• Abstract Reviewer – 45 th Annual Meeting of the American Society of Biomechanics	2021
• Scientist Reviewer – Clinical and Rehabilitative Medicine Research Program, Department of Defense Congressionally Directed Medical Research Programs (CDMRP)	2020
• External Reviewer – Tuft's University, Dept of Public Health and Community Medicine. Confidential Review of candidate's scholarship for Tenure & Promotion to Associate Professor	2020
• Abstract Reviewer – 44 th Annual Meeting of the American Society of Biomechanics	2020
• Ad Hoc Reviewer – Physiotherapy Theory and Practice	2020
• Ad Hoc Reviewer – The Interdisciplinary Social Sciences Journal	2020
• Ad Hoc Reviewer – Journal of Back and Musculoskeletal Research	2020
• Ad Hoc Reviewer – Interdisciplinary Social Sciences, Common Ground Research Networks	2020
• Abstract Reviewer – World Confederation for Physical Therapy Congress	2020
• Scientist Reviewer – Clinical and Rehabilitative Medicine Research Program, Department of Defense Congressionally Directed Medical Research Programs (CDMRP)	2019
• External Reviewer – Franklin Pierce University, Dept of Physical Therapy. Confidential Review of candidate's scholarship for Tenure & Promotion to Associate Professor	2019
• Abstract Reviewer – NEXT Conference & Exposition 2020, APTA	2019
• Ad Hoc Reviewer – Journal of Biomechanics	2019
• Ad Hoc Reviewer – Journal of Applied Biomechanics	2018, 2019

• External Reviewer – Sage Colleges, Dept of Physical Therapy. Confidential Review of candidate's scholarship for Tenure & Promotion to Associate Professor	2018
• Ad Hoc Reviewer – European Journal of Integrative Medicine	2018
• Abstract Reviewer – World Confederation for Physical Therapy Congress	2018
• Abstract Reviewer – Physiotherapy UK 2018	2018
• Abstract Reviewer – 42 nd Annual Meeting of the American Society of Biomechanics	2018
• Abstract Reviewer – Physiotherapy UK 2017	2017
• Abstract Reviewer – Collaborating Across Borders VI	2017
• Scientist Reviewer – Clinical and Rehabilitative Medicine Research Program, Department of Defense Congressionally Directed Medical Research Programs (CDMRP)	2017
• Abstract Reviewer – 41st Annual Meeting of the American Society of Biomechanics	2017
• Abstract Reviewer – Asia West Pacific Region - World Confederation for Physical Therapy Congress	2017
• Abstract Reviewer – World Confederation for Physical Therapy Congress	2016
• Abstract Reviewer – 21st IAGG World Congress of Gerontology and Geriatrics	2016
• Abstract Reviewer – Physiotherapy New Zealand Conference 2016	2016
• Abstract Reviewer – European Region - World Confederation for Physical Therapy Congress	2016
• Ad Hoc Reviewer – Physical Therapy in Sport	2016
• Abstract Reviewer – 2016 Gait and Clinical Movement Analysis Society Meeting	2016
• Scientist Reviewer – Clinical and Rehabilitative Medicine Research Program, Department of Defense Congressionally Directed Medical Research Programs (CDMRP)	2015
• Member, Editorial Board – International Journal of Sports and Exercise Medicine	2015
• Abstract Reviewer – Collaborating Across Borders V	2015
• Abstract Reviewer – World Confederation for Physical Therapy Congress	2015
• Abstract Reviewer – Translational Science 2015 Meeting	2015
• Book Chapters Reviewer – Proprioception: The Forgotten Sixth Sense	2014
• Ad Hoc Reviewer – Journal of Yoga and Physical Therapy	2013 – 2014
• Ad Hoc Reviewer – Journal of Novel Physiotherapies	2013 – 2014

Community Service:

• Commissioner - Commission on Diversity Awareness, City of Flagstaff, AZ	2023 – 2024
• Board Member – Flagstaff Leadership Program	2023 – 2024
• Board Advisory Member - Community Assistance Teams of Flagstaff	2023 – 2024
• Volunteer – Coconino Sheriff's Search and Rescue Flagstaff Unit	2023 – 2024
• Volunteer – City of Flagstaff: Museum Flood	2022 – 2024
• Volunteer – United Way of Northern Arizona: Museum Fire Flood Mitigation Workday	2022 – 2024
• Volunteer – Coconino Humane Association	2018 – 2024
• Volunteer – Annual Dreamcatchers Event	2017 – 2019
• Evaluator – CEWM Diabetic Foot Ulcer Clinical Practice Guideline Task Force	2016 – 2017
• Volunteer – Geriatrics Section Booth, Combined Sections Meeting – APTA	2016
• Volunteer – Research Section Booth, Combined Sections Meeting – APTA	2013 – 2017
• Volunteer – Physiopedia (Wikipedia for physical therapists)	2013 – 2015
• Volunteer – Annual Health and Wellness Pow Wow, Kansas City	2014
• Volunteer – Student Research Forum, Univ. Kansas Medical Center	2007 – 2014
• Judge – Annual KCUMB Research Day, Kansas City University of Medicine and Biosciences	2013
• Volunteer – Westwood Elementary Science Night, Kansas City	2013
• Volunteer – Brain Discovery Fair, Univ. Kansas Medical Center	2008 – 2013
• Volunteer – KUMC Automated External Defibrillator Program, Univ. Kansas Medical Center	2009 – 2013
• Volunteer – Recycling Group, Univ. Kansas Medical Center	2011 – 2013
• Volunteer – Westwood View Elementary Science Night	2013
• Judge – Consumer Brochure Contest for Students – Section of Geriatrics, APTA	2012
• Volunteer – Christmas in October, Kansas City	2012
• Volunteer – Health Care Camp – Midwest Sikh Gurdwara Sahib, Kansas City	2011 – 2012

• Volunteer – KUMC Street Fair, Univ. Kansas Medical Center	2009 – 2012
• Volunteer – Plaza Art Fair, Kansas City	2008 – 2012
• Volunteer – International Students Orientation, Univ. Kansas Medical Center	2007 – 2011
• Invited Speaker – “Classroom Culture in USA”: International Students Orientation, KUMC	2010
• Volunteer – Special Olympics, Kansas City	2010
• E-mentor (emailing mentor) - YouthFriends MentorMail project, Kansas City	2009
• Volunteer – 39 th Street Crew: Education-based Activities - After School Program, Kansas City	2009
• Volunteer – Jaydoc 5K Run, Univ. Kansas Medical Center	2009
• Volunteer – Culturefest’ 09, Univ. Kansas Medical Center	2009
• Volunteer – Special Olympics organized by Lion’s Club Awantika, INDIA	2006
• Volunteer – Rural Healthcare Camps, R. D. Gardi Medical College, Ujjain (M.P.) INDIA	2005 – 2006
• Organizer – Spine care camp - M.Y. Hospital, Indore (M.P.) INDIA	2003
• Volunteer – Cerebral Palsy Camp - Railway Hospital, Ratlam (M.P.) INDIA	2002
• Supervisor – Disability camp - District Hospital, Guna (M.P.) INDIA	2002
• Volunteer – Polio Corrective Surgery Camp, Shajapur and Harda (M.P.) INDIA	2001

Honors and Awards

• Idaho Academic Leadership Academy	Idaho State Board of education	2025
• Global Impact Educator Award – Center of International Education (CIE)	Northern Arizona University	2024
• James A Gould Excellence in Teaching Orthopaedic Physical Therapy Award	Academy of Orthopaedic Physical Therapy	2024
• Global Impact Educator Award – Center of International Education (CIE)	Northern Arizona University	2023
• Flagstaff Leadership Program		2022 – 2023
• 2021 JOSPT Guy G. Simoneau Excellence in Research Award	Journal of Orthopaedic & Sports Physical Therapy	2022
• 2021 Annual Meeting & Scientific Conference Research Report Award	Academy of Sports Physical Therapy	2021
• PT/AT Teacher of the Year Award	Northern Arizona University	2021
• University Leadership Program	Northern Arizona University	2020 - 2021
• APTA Centennial Scholar Program	American Physical Therapy Assoc.	2020 - 2021
• CHHS Research/Creativity Seed Fund	Northern Arizona University	2020
• Best Poster Award – Degenerative Diseases Special Interest Group	Academy of Neurologic Physical Therapy	2020
• Nominee – PT/AT Teacher of the Year Award	Northern Arizona University	2019
• Emerging Leader Award	American Physical Therapy Assoc	2018
• CHHS Research/Creativity Seed Fund	Northern Arizona University	2018
• Association of College and University Educator’s (ACUE) Course participation award	Northern Arizona University	2017
• CHHS Grant & Scholarship Support	Northern Arizona University	2015
• PhD with Honors	Univ. Kansas Medical Center	2014
• Graduate Student Research Travel Award	Univ. Kansas Medical Center	2014
• Honorary mention – Award for Outstanding Presentation in Rehabilitation Science Research	Univ. Kansas Medical Center	2014
• Student Governing Council Travel Award	Univ. Kansas Medical Center	2013
• School of Health Professions – Student Senate Scholarship	Univ. Kansas Medical Center	2013
• Honorary mention – Award for Outstanding Presentation in Rehabilitation Science Research	Univ. Kansas Medical Center	2013
• Graduate Student Research Travel Award	Univ. Kansas Medical Center	2012
• Student Governing Council Travel Award	Univ. Kansas Medical Center	2012
• Outstanding PTRS Graduate Teaching Assistant Award	Univ. Kansas Medical Center	2012
• David A. Junge Memorial Scholarship	Univ. Kansas Medical Center	2012

• Front-Line Scholarship	TEDMED	2012
• School of Allied Health Student Senate Scholarship	Univ. Kansas Medical Center	2011
• Dean's Diversity Scholarship	Univ. Kansas Medical Center	2011
• Student Leadership Development Program	Univ. Kansas Medical Center	2011
• Bittel Family Scholarship Award	Univ. Kansas Medical Center	2009
• School of Allied Health Student Senate Scholarship	Univ. Kansas Medical Center	2009
• Dean's Diversity Scholarship	Univ. Kansas Medical Center	2009
• Scholar – The National Scholars Honor Society	University of Kansas	2009
• Scholar – The National Honor Society of Phi Kappa Phi	University of Kansas	2008
• Scholar – Golden Key International Honor Society	University of Kansas	2008
• Nomination - two-year AAAS/Science Membership	Univ. Kansas Medical Center	2006
• 5 th rank in Bachelor of Physiotherapy (B.P.T.) Degree Course	DAVV University, Indore	2003
• National Scholarship – Ministry of Human Resources	Government of India	1995-96

Instrumentation Skills

- Dual energy X-ray Absorptiometry (DXA)
 - Hologic Discovery
- Electromyography
 - Noraxon Myosystem 2000 (Noraxon USA, INC., Scottsdale, AZ, USA)
 - Delsys EMG system (Delsys Inc. Boston, MA, USA)
- Optotrak motion analysis system (Certus and Model 3020, Northern Digital, Ontario, CAN).
- Vicon motion analysis system (Model 612, Oxford Metrics, UK)
- Force and balance platform (AMTI, Advanced Mechanical Technology Inc, Watertown, MA, USA)
- Isokinetic Dynamometers
 - Biodex System 3 dynamometer (Biodex Medical Systems, Shirley, NY, USA)
- Cybex (Cybex International Inc., Medway, MA, USA)
- Biodex Balance Stability System (BSS) (Biodex, Inc., Shirley, NY, USA)
- Research Electrical Stimulation Devices
 - S48K square pulse stimulator (Astro-med, Inc. Grass Telefactor, West Warwick, RI, USA)
- NESS L300® Foot Drop System (Bioness Inc., Valencia, CA, USA)
- GaitMat™ II instrumented walkway (E.Q., Inc., Chalfont, PA, USA)
- InMotion2 Rehabilitation Robot (Interactive Motion Technologies, Watertown, MA, USA)
- MPRI FireSim™ Driving Simulator (L3-MPRI, Salt Lake City, USA)
- Novel and lab manufactured devices to test ankle instability, spasticity in chronic stroke survivors, and assisting patients during treadmill gait training with partial body-weight support in stroke survivors

Programming and Coding Skills

- SPSS software (IBM Corporation, Armonk, NY, USA)
- Basic coding skills in R programming language for statistical computing and graphics (GNU GPL)
- Basic proficiency in MATLAB software (Mathworks, Natick, MA, USA)
- Basic knowledge of Tcl/Tk language (ActiveState, Vancouver, BC, CAN)
- Visual Basic (Microsoft, Redmond, WA, USA)

Students Advised/Mentored at Northern Arizona University (Doctor of Physical Therapy Program)

	DPT Class of 2017	DPT Class of 2017D	DPT Class of 2018	DPT Class of 2019	DPT Class of 2020
1	Lauren Brill	Christopher Campbell	Kayla Burger	Keaton Gruda	Madison Banbury
2	Chris Gering	Alyssa Loeb	Taylor Carlson	Austin Kaiser	Kelly Green
3	Becky Holsten	Kaitlin Mullen	Amanda Dorri	Taylor Kitkowski	Hannah Hawk
4	Arin Kynaston	Stephanie Muther	Katie Goldsack	Thomas Little	Harriet Hill
5	Brooke Lockard	Alexis Okurily	Taylor Hagel	Meghan Lorenz	Justin Hu
6	Alicia Messer	Matthew Orchard	Sarah Holmgren	Nathan MacKnight	Tanner Hulse
7	Chris Miller	Victoria Orlowsky	Madeline Holscher	Cody Notbohm	Nolan King
8	Megan Von Gerichten	Sara Peterson	Haley Hutton	Michelle Rumpell	Joseph Ziegler
9	Clyde Yellowhair	Lauren Provencio	Ashley Hwang	Kaitlyn Sandifer	
10		Dorothy Randall	Shelby Hyde	Daniel Smith	
11		Rachel Sleeman	Paige Johnson	Madeline Talkington	
12		Eddie Smith	Chloe Newell	Stephanie Waddell	
13		Daniel Strauss	Carly Szemerey		
14		Austin Webster	Anthony Veglia		
15		Ben Wakefield	Jessica Winandy		
16			Carson Young		

In addition to student advising/mentoring on their research projects, faculty **regularly supervise different students in the student run pro-bono orthopedic clinic in Spring and Fall semester.**

	DPT Class of 2021	DPT Class of 2022	DPT Class of 2023	DPT Class of 2024	DPT Class of 2025
1	Kelly Carroll	Morgan Drew	Sophie Chamaa	Chase Bauer	
2	Shanon Landauer	Hayden Hoekstra	Hannah Drake	Anna Cantrell	
3	Michael Lazar	Justin McElfresh	Alisa Feuerstein	Anna Chleboun	
4	Andrew Lear	Carolyn Sterret	Mary Gaughan	Tyler Cooper	
5	Kaitlyn Noble	James Tsai	Logan Hines	Cameron Flaner	
6	Aaron Salmeron-Been	Anna Weymann	Regan Hurkett	Hayden Fuller	
7			Adam Johnson	Mia Rogers	
8			Christian Kindt	Michelle Stillings	
9			Patrick Klass	Tayley Sweet	
10			Tony Macella	Anna VanderWeyst	
11				Tayla Wheeler	
12					

In addition to student advising/mentoring on their research projects, faculty **regularly supervise different students in the student run pro-bono orthopedic clinic in Spring and Fall semester.**

Students Advised/Mentored at Northern Arizona University (outside the Doctor of Physical Therapy Program)

1. Kiana Omi – Undergraduate Student (NAU Bridges Program)
2. Amber Sheen – Undergraduate Student (NAU Bridges Program)
3. Safoura Sadegh Pour Aji Bishe – Doctoral Student – Engineering (Dissertation committee Member)
4. Thomas Huck – Doctoral Student – Biology (Master's Degree committee Member)
5. Gillian Porter – Doctoral Student – Interdisciplinary Health PhD program
6. Felicity Escarzaga – Doctoral Student – Informatics and Computing (Dissertation committee Member)
7. Faculty Advisor – Indian Association of Northern Arizona (Student Association of Indian origin students at NAU)

Students Advised/Mentored outside Northern Arizona University

1. David Heller – Doctoral Student – Rehabilitation Science, University of Kansas Medical Center (Dissertation Committee Member)
2. Jacob Capin – Doctoral Student – Biomechanics and Movement Science, University of Delaware (External Mentor – Teaching Philosophy)