JONATHAN S. LEE-CONFER, PH.D.

Principal, Director of Biomechanics



Expert Summary

Dr. Jonathan Lee-Confer, an Assistant Professor at the University of Arizona, holds a Ph.D. in Biokinesiology with a concentration in Biomechanics from the University of Southern California (USC). At USC, Dr. Lee-Confer co-investigated and co-authored the groundbreaking research that led to the development of the ASTM International's F2508 tribometry standard, a key benchmark in the field of slip resistance and safety. His research delved deep into the biomechanics of movement, particularly focusing on how people react when encountering slippery surfaces. This included studying neurological mechanisms responsible for slip detection and the neural coordination of reactive responses.

Beyond his research, Dr. Lee-Confer's contributions extend to public safety and education. As the Secretary General and Chair of the Education Committee for the Arizona Falls Prevention Coalition, he has been instrumental in advancing fall prevention initiatives. His role in co-creating the state-mandated biomechanical training program for caregivers in Arizona as outlined in the Arizona State Senate Bill 1373.

Areas of Expertise

- ✓ Slip, Trip and Fall Analyses
- ✓ Premises Liability
- ✓ Walkway Safety Analysis
- ✓ Tribometer Slip Resistance Testing
- ✓ Code Compliance
- ✓ Injury Biomechanics
- ✓ Motor/Pedestrian Accident Reconstruction

Biomechanical Experience

- ✓ Over a decade of experience in biomechanics
- ✓ Co-author on research for the ASTM International F2508-16e Standard
- ✓ Published in top biomechanical journals
- ✓ Dozens of international and domestic biomechanical presentations for academics and the public
- ✓ Co-authored biomechanical training for Arizona Senate Bill SB1373
- ✓ Over a decade of experience instructing biomechanics at the undergraduate and doctoral level

CURRICULUM VITAE

Jonathan S. Lee-Confer, Ph.D., EP-C

April 2024

I. BIOGRAPHICAL INFORMATION

PERSONAL INFORMATION:

Institutional Address: University of Arizona

1670 E. Drachman St., 920C

Tucson, AZ 85719

Telephone: (916) 878-6543

E-mail: <u>leeconfer@arizona.edu</u> ORCiD: <u>0000-0002-2112-9802</u>

Company Address: **Verum Biomechanics**

3661 N. Campbell Avenue

Tucson, AZ 85719

Telephone: (520) 428-4388

E-mail: jonathan@verumbiomech.com

EDUCATION AND PROFESSIONAL APPOINTMENTS

EDUCATION:

2021 **Ph.D.**

University of Southern California, Los Angeles, CA

Department of Biokinesiology (Advisor: Dr. Christopher M. Powers) Dissertation Title – The Biomechanical Role of the Upper Extremities

During the Recovery of a Slip Perturbation

Funding: American Society of Testing and Materials

2014 **M.S.**

California State University, Sacramento, Sacramento, CA Department of Kinesiology (Advisor: Dr. Rodney Imamura)

Thesis Title – Biomechanical Gait Assessment of an Individual with

FXTAS: A Case Study

2011 **B.S.**

California State University, Sacramento, Sacramento, CA

Department of Kinesiology

CERTIFICATIONS:

Exp. 11/2027 Institutional Review Board Members
CITI Program

Exp. 11/2027 Social-Behavioral-Education (SBE) Comprehensive
CITI Program

Exp. 03/2026 Information Privacy & Security (IPS)
CITI Program

Exp. 12/2026 Certified Exercise Physiologist
American College of Sports Medicine

Exp. N/A Occupational Safety and Health Administration 30 General
United States Department of Labor

ACADEMIC APPOINTMENTS:

2023-present	Assistant Professor Department of Physical Therapy University of Arizona, Tucson, AZ
2023	Adjunct Professor Department of General Education Arizona College of Nursing, Tucson, AZ
2020-2022	Adjunct Professor Department of Kinesiology College of Health & Human Services California State University, Sacramento, Sacramento, CA
2021-2023	Full-time Faculty Department of General Education Arizona College of Nursing, Tucson, AZ
2020-2021	Adjunct Faculty Department of General Education Arizona College of Nursing, Tucson, AZ
2020-2021	Visiting Scholar Department of Systems & Industrial Engineering University of Arizona, Tucson, AZ
2018-2019	Graduate Teaching Assistant Division of Biokinesiology & Physical Therapy University of Southern California, Los Angeles, CA
2016-2018	Graduate Research Assistant Division of Biokinesiology & Physical Therapy University of Southern California, Los Angeles, CA

2017	Lecturer Division of Biokinesiology & Physical Therapy Division of Occupational Science and Occupational Therapy University of Southern California, Los Angeles, CA
2016	Lecturer Division of Biokinesiology & Physical Therapy Apple Sports College of Japan University of Southern California, Los Angeles, CA
2014-2016	Graduate Teaching Assistant Division of Biokinesiology & Physical Therapy University of Southern California, Los Angeles, CA
2013-2014	Graduate Research Assistant Department of Kinesiology California State University, Sacramento, Sacramento, CA
2012-2014	Graduate Teaching Assistant Department of Kinesiology California State University, Sacramento, Sacramento, CA
2009-2011	Adjunct Instructor Peer and Academic Resource Center California State University, Sacramento, Sacramento, CA

NON-ACADEMIC APPOINTMENTS:

2020-present	Founder and Director of Biomechanics Verum Biomechanics, Tucson, AZ
2015-2019	Biomechanical Analyst University of Southern California, Los Angeles, CA
2017-2018	Biomechanical Consultant Semper Scientific, Mission Viejo, CA
2012-2013	Patient Services Representative Sutter Hospital, Outpatient Physical Therapy, Sacramento, CA
2011-2012	Rehabilitation Technician Kindred Hospital, Richmond, VA
2009-2011	Rehabilitation Technician Asian Community Center Nursing Home, Sacramento, CA
2007-2008	Evidence Processor - Intern Law Practice and Support Division California Office of the Attorney General

2006-2007 **Coordinator - Intern**

> Conference of Western Attorneys General California Office of the Attorney General

HONORS, AWARDS, FELLOWSHIPS:

2022 Received the Research & Science Award from the Arizona Falls

Prevention Coalition

2021 Received the Peak Performer Award from the Arizona College of Nursing

Received the Certificate of Academic Achievement from the Dominican 2006

University in San Rafael, CA

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS:

2020-present	American Society of Testing and Materials
2020-present	ASTM Subcommittee F13 Pedestrian/Walkway Safety & Footwear
2020-present	Arizona Falls Prevention Coalition
2014-present	American Society of Biomechanics
2019-present	International Society of Biomechanics
2024-present	Society for Neuroscience
2018-2019	Neural Control of Movement Society

2014-2015 American College of Sports Medicine

2016-2017 European Society of Biomechanics

2014-2015 **Biomedical Engineering Society**

II. ADMINISTRATIVE AND SERVICE ACTIVITIES

UNIVERSITY AND ORGANIZATIONAL SERVICE:

ARIZONA FALLS PREVENTION COALITION:

2021-present Secretary General

2021-present Chair of the Education Committee

2020-present Committee Member

ARIZONA COLLEGE OF NURSING:

2021-2023 Member Curriculum Committee Meeting

2021-2023 Subject Matter Expert for Fundamentals of Biology

2023 Institutional Review Board - Member

AMERICAN SOCIETY OF TESTING AND MATERIALS:

2024-present Vice Chair of Research for the F13.40 Subcommittee for

Pedestrian/Walkway Safety and Footwear

2020-present Committee Member – Voting member

2020-present Committee Member on F13 Subcommittee for Pedestrian/Walkway Safety

and Footwear

UNIVERSITY OF ARIZONA:

2023-present Club Advisor for the Physical, Occupational, and Speech Therapy

(P.O.S.T.) Association

2023-present Search Committee for the College of Health Sciences

2021-present Biomechanics Representative for the Doctoral of Physical Therapy

Program Curriculum Focus Group

UNIVERSITY OF SOUTHERN CALIFORNIA:

2018-2019 Organizer, National Biomechanics Day

2017-2018 Student Elect – Biomechanics Representative

TASK FORCE COMMITEES:

2024-current ASTM F-1637-21 Task Force – As leader/chair of this task force, I facilitate

monthly meetings with 18 individuals to break apart standard F1637 into new standards that are specific and smaller with the goal of getting the new

standards adopted by federal agencies.

ASTM F15.03 Task Force – develop methodologies for measuring the slip resistance of bathtubs with the US Consumer Product Safety Commission. This involves testing methods with the KSS Wessex Pendulum Tribometer and the Mark IIIb tribometer.

Development of a new ASTM subcommittee within the ASTM subcommittee that will be designed for outreach to governmental agencies to adopt and codify ASTM standards.

Arizona Senate Bill SB 1373 Task Force – Implement Senate Bill 1373 into educational practice. Managed educational content for health care facilities to distribute to all ~30,000+ Arizona care givers.

ASTM F2508-16e Task Force - developed new methodologies for revamping the original F2508 standard, searched and piloted new tiles (E, F, G, & H) to replace original tiles (A, B, C, & D), collect, sort and process data. This research is was officially passed in voting ballots to become the standard in January 2024.

PROFESSIONAL ACTIVITIES:

2023-present

2021-present

2016-2020

2014

2024 **Lee-Confer, J.S.** (2024). "Selecting the Right Biomechanical Expert: A Lawyer's Guide." 2024 State Bar of Arizona Expert Witness Guide.

COMMUNITY SERVICE ACTIVITIES:

Crafted handwritten post cards and mailed them to individuals who were unsure of whether they would vote in the elections. Conducted phone calls from a phone bank to encourage individuals to exercise their right to vote.

Coordinated and hosted a group of 34 students from diverse background from Miramar Campus High School to participate in National Biomechanics Day and gain hands-on experience with scientific tools related to their high-school course work.

Organized the division-wide participation and engagement support for the annual Swim with Mike event hosted by the University of Southern California.

Hosted summer sessions to provide engaging lectures with high school

students and allow them to learn and use biomechanical instrumentation.

Volunteered at the Special Olympics Southern California Plane Pull.

2008-2010 Served as summer Camp Counselor for elementary school children afflicted

with Type 1 diabetes with the Kaiser Permanente Hospital.

2008-2011 Served as volunteer pianist at the Asian Community Center Nursing

Home.

EDITORIAL ACTIVITIES:

SCIENTIFIC REVIEW FOR JOURNALS:

2024-present Journal of Geriatric Physical Therapy

2024-present Journal of Biomechanics

2023-present Scientific Reports

2022-present IEEE Transactions on Neural Systems & Rehabilitation Engineering

2021-present Applied Ergonomics

III. SCHOLARLY ACTIVITIES

PUBLICATIONS:

h-index = 3 (Google Scholar)

Asterisks indicate direct student mentee.

PEER-REVIEWED JOURNAL ARTICLES – ORIGINAL RESEARCH:

Lee-Confer, J.S. (2024) Strength in Arms: Empowering Older Adults Against the Risk of Slipping and Falling – A Theoretical Perspective. *Frontiers in Sports and Active Living*, (Accepted 03/2024)

Journal Impact Factor (2022): 2.7

Lee-Confer, J.S., Lo, M.K. & Troy, K.L. (2024) Young adults accelerate their arms significantly faster and earlier than old adults resulting in improved center of mass dynamics during an overground slip perturbation. *Scientific Reports* (In-Review, 03/2024) *Journal Impact Factor* (2022): 5.7

Lee-Confer, J.S. (2023) Strength in Arms: Empowering Older Adults Against the Risk of Slipping and Falling. *sportRxiv*. https://doi.org/10.51224/SRXIV.361

Lee-Confer, J.S., Lo, M.K. & Troy, K.L. (2023) Young adults accelerate their arms significantly faster and earlier than old adults resulting in improved center of mass dynamics during an overground slip perturbation. *bioRxiv*. https://doi.org/10.1101/2023.12.09.570848

Lee-Confer, J.S., (2023). Overground walking slip perturbations induce frontal plane motion of the trunk indicating that slips are not just a backwards but also a sideways loss of balance. *bioRxiv*.

https://doi.org/10.1101/2023.11.25.568692

Lee-Confer, J. S., Finley, J. M., Kulig, K. & Powers, C. M. (2023). Reactive Responses of the Arms Increase the Margins of Stability and Decrease Center of Mass Dynamics During a Slip Perturbation. *Journal of Biomechanics*, 157, 11737 https://doi.org/10.1016/j.jbiomech.2023.111737

Journal Impact Factor (2022): 2.779

Lim, S., Luo, Y., **Lee-Confer, J.,** & D'Souza, C. (2023). Obstacle Clearance Performance in Individuals with High Body Mass Index. *Applied Ergonomics*, 106, 103879 https://doi.org/10.1016/j.apergo.2022.103879 *Journal Impact Factor* (2022): 3.940

Lee-Confer, J. S., Kulig, K., & Powers, C. M. (2022). Constraining the Arms During a Slip Perturbation Results in a Higher Fall Frequency in Young Adults. *Human Movement Science*, 86, 103016

https://doi.org/10.1016/j.humov.2022.103016 Journal Impact Factor (2022): 2.50

Lee-Confer, J. S., Bradley, N. S., & Powers, C. M. (2022). Quantification of Reactive Arm Responses to a Slip Perturbation. *Journal of Biomechanics*, 110967. https://doi.org/10.1016/j.jbiomech.2022.110967

Journal Impact Factor (2022): 2.779

Blanchette, M. G., **Lee-Confer, J.**, Brault, J. R., Rutledge, B., Elkin, B. S., & Siegmund, G. P. (2022). Human Slip Assessment of Candidate Reference Surfaces for Walkway Tribometer Validation: An Update to Standard ASTM F2508. *Journal of Testing and Evaluation*, *50*(2). DOI: 10.1520/JTE20210240

Journal Impact Factor (2022): 1.264

PEER-REVIEWED JOURNAL ARTICLES – ORIGINAL RESEARCH (In-Preparation):

Lee-Confer, J.S. & Blanchette, M.B. The Influence of Sand-Additives and Coating Application Techniques on the Coefficient of Friction on Douglas Fir Lumber. *Coatings*. (Anticipated Submission Date 07/2024).

Lee-Confer, J.S., Collete, D., & Blanchette, M.B. The Effect of Particle Thickness, Particle Type, and Flooring on Tribological Measurements of Coefficient of Friction. *Safety Science*. (Anticipated Submission Date 10/2024).

Lee-Confer, J.S., Lo, M.K., Finley, J.M., & Powers, C.M. (2023). The effect of arm motion on whole-body angular momentum during a slip perturbation. *Journal of Biomechanics*. (Anticipated Submission Date 10/2024).

Lee-Confer, J. S., Blanchette, M. & Powers, C. M. (2024). Sex-Differences in Friction Demands During Running and Cutting: Implications for Floor Safety Standards for Indoor Sports. *Journal of Testing and Evaluation*. (Anticipated Submission Date 12/2024).

Lee-Confer, J.S., Liu, J., Nagamori, A., & Powers, C. (2024). The spinal cord, not the vestibular system, coordinates and initiates compensatory limb responses during slip incidents: Implications from an individual with a unilateral labyrinthectomy compared to healthy controls. *British Medical Journal*. (Anticipated Submission Date 12/2024).

PEER-REVIEWED INTERNATIONAL CONFERENCE PAPERS:

Lee-Confer, J., Lee, R.*, & Powers, C. (2022). Trunk Motion within the Frontal Plane is Induced During a Slip Incident. *World Congress of Biomechanics*, Taipei, Taiwan.

Lee-Confer, J., Lee, R.*, & Powers, C. (2022). Arm Motion Decreases Whole-Body Angular Momentum in the Frontal Plane During a Slip Perturbation. *World Congress of Biomechanics*, Taipei, Taiwan.

Lee-Confer, J., Kulig, K., Lo, M.*, & Powers, C. (2022). Arm Movements Reduce Center of Mass Excursion During a Slip Perturbation. *North American Congress on Biomechanics*, Ottawa, Canada.

Lee, J., Asplund, C.*, Vera, L.*, Ruegg, S.*, & Powers, C. (2019). Quantification of Arm Kinematics in Response to a Slip-Induced Perturbation. *International Society of Biomechanics, American Society of Biomechanics*, Calgary, Canada.

Lee, J., Asplund, C.*, Ruegg, S.*, Vera, L.*, & Powers, C. (2019). Are corrective muscle responses during a slip perturbation coordinated by the vestibular system? *Neural Control of Movement Society*, Toyama, Japan.

Lee, J., Dang, K.*, Cohen, A.*, & Powers, C. (2017). A comparison of two methods to assess EMG latencies following a slip perturbation. *European Society of Biomechanics*, Seville, Spain.

Lee, J., Dang, K.*, & Powers, C. (2017). Heel acceleration differentiates fallers from non-fallers following a slip perturbation. *European Society of Biomechanics*, Seville, Spain.

PEER-REVIEWED NATIONAL & LOCAL CONFERENCE PAPERS AND PRESENTATIONS:

Lee-Confer, J., Helwig, M., Eggert, C., Garcia, D., Martin, R., Neff, A., & Spiess, C. (2024). The effect of grasping light objects on the motor control of the arms during gait. *Society for Neuroscience*, Chicago IL, United States of America (Submitted 04/2024)

- Lee-Confer, J., Lo, M.*, & Troy, K. (2024). Impact of Arm Abduction Acceleration on Center of Mass Dynamics During Slips: A Comparative Study of Older and Younger Adults. American Society of Biomechanics, Madison, WI, United States of America (Submitted 03/2024)
- Lee-Confer, J., Lo, M.*, & Troy, K. (2023). Young adults accelerate their arms significantly faster than older adults in response to a slip perturbation. American Society of Biomechanics, Knoxville, TN, United States of America.
- Lee, J., Scher, I., Stepan, L., & Powers, C. (2019). The Effect of Ski Boots on Utilized Coefficient of Friction. International Congress on Snow Sports Trauma and Safety, Squaw Valley, CA, United States of America.
- Lee, J., Dang, K.*, Asplund, C.*, & Powers, C. (2018). Arm Movements Increase Margins of Stability During a Slip Perturbation. USC Jacqueline Perry Research Day. Los Angeles, CA, United States of America.
- Lee, J., Imamura, R., Merrier, N., & Shimada, S. (2015). Control of balance during quiet standing in an individual with FXTAS. Biomedical Engineering Society Conference. Tampa, FL, United States of America.
- Lee, J., Imamura, R., Merrier, N., & Shimada, S. (2014). Fragile X-associated Tremor/Ataxia Syndrome. Biomedical Engineering Society Conference. San Antonio, TX, United States of America.
- Lee, J. Fragile X-associated Tremor/Ataxia Syndrome. California State University, Sacramento Research Symposium. Sacramento, CA, United States of America

NEWS RELEASES / MEDIA

2024	"A new perspective to prevent falls in older adults," University of Arizona, College of Health Sciences. Available as of 02/18/2024: https://healthsciences.arizona.edu/academics/college-of-health-sciences
2023	"Slower arm speed may be why older people fall more easily after a slip," NewScientist. Available as of 12/27/2023: https://www.newscientist.com/article/2409722-slower-arm-speed-may-be-why-older-people-fall-more-easily-after-a-slip/
2022	"Now it's been researched: you stay upright better with your hands free," HS Tiede. Available as of 12/15/2022: https://www.hs.fi/tiede/art-2000009176268.html
2022	"Biomechanics, Now it's been researched: you stay upright better with your hands free," Pledge Times. Available as of 12/15/2022 https://pledgetimes.com/biomechanics-now-its-been-researched-you-stay-

upright-better-with-your-hands-free/

UNIVERSITY DISSERTATIONS/THESES

Lee, J.S. The role of the Upper Extremities in the Recovery of Balance During a Slip Perturbation. (2021). *University of Southern California*. Los Angeles, CA, United States of America. https://digitallibrary.usc.edu/asset-management/2A3BF1WF3JS0

Lee, J.S. Biomechanical gait assessment on a patient with Fragle X-Associated Tremor/Ataxia Syndrome (FXTAS): a case study. (2014). *California State University, Sacramento*. Sacramento, CA, United States of America.

http://hdl.handle.net/10211.3/122092

GRANTS AND/OR CONTRACTS AWARDED:

EXTERNAL GRANTS (FEDERAL/CORPORATE FUNDING):

Pending (2023) "Comparing bilateral exoskeleton footwear for balance, gait, fear of

falling and user acceptance in older adults"

National Institute of Health - National Institute on Aging, SBIR (PAR-23-

231)

Role: Co-investigator *Total Costs:* \$240,000

2017-2019 "Validation of Walkway Tribometers: A Reference Standard"

American Society of Testing and Materials

Role: Co-Principal Investigator

Total Costs: \$58,700

2018 "Validation of Manufactured Ski Boots: Effects of Coefficient of

Friction During Locomotion"

Guidance Engineering

Role: Co-Principal Investigator

Total Costs: \$7,000

2012-2014 "Fragile X-Associated Tremor/Ataxia Syndrome"

Medical Investigation of Neurodevelopmental Disorders Institute

Role: Co-Principal Investigator

Total Costs: \$2,000

INVITED TALKS:

Lee-Confer, J. 5 things you should make sure your biomechanical expert

should know. Arizona Association for Defense Counsel, Phoenix, Arizona,

United States of America

2023	Lee-Confer, J. Reactive arm responses increase the margins of stability and decrease center of mass dynamics during a slip perturbation. <i>University of North Carolina at Chapel Hill</i> , Chapel Hill, North Carolina, United States of America
2023	Lee-Confer, J. Determining the safety of floors to prevent slip and falls – theory, applications, and implementation, <i>Arizona Falls Prevention Coalition</i> , Virtual, Arizona, United States of America
2023	Lee-Confer, J. How biomechanical experts should be measuring the slip-resistance of the floors. <i>State Bar of Arizona Convention</i> , Tucson, Arizona, United States of America
2022	Lee-Confer, J. What does the science say about slips? <i>Tucson Defense Bar</i> , Tucson, Arizona, United States of America
2021	Lee-Confer, J. The Biomechanics of Gait, Slips and Falls. <i>Columbia University</i> , New York City, New York, United States of America
2021	Lee-Confer, J. The Utility of the Arms for Balance During a Slip Perturbation. <i>Arizona Falls Prevention Coalition</i> , Arizona, United States of America
2019	Lee-Confer, J. The Neural Control of the Arms During a Slip Perturbation. <i>Teikyo University</i> , Tokyo, Japan

IV. TEACHING AND MENTORING ACTIVITIES

COURSES PRESENTED:

2024-present	PSIO 442/542: Biomechanics of Human Movement <i>University of Arizona</i> , Tucson, AZ Department of Physiology
2024-present	PSIO 441: Musculoskeletal Kinesiology <i>University of Arizona</i> , Tucson, AZ Department of Physiology
2023	PSIO 495T: Musculoskeletal Kinesiology <i>University of Arizona</i> , Tucson, AZ Department of Physiology
2020-2023	BIO 202: Anatomy & Physiology II Arizona College of Nursing, Tucson, AZ

	Department of General Education (Student Evaluations = 4.91/5.00)
2020-2023	BIO 201: Anatomy & Physiology I Arizona College of Nursing, Tucson, AZ Department of General Education (Student Evaluations = 5.00/5.00)
2020-2023	BIO 189: Fundamentals of Biology Arizona College of Nursing, Tucson, AZ Department of General Education (Student Evaluations = 4.83/5.00)
2022-2023	PSY 230: Statistics Arizona College of Nursing, Tucson, AZ Department of General Education (Student Evaluations = 5.00/5.00)
2023	MAT 151: College Mathematics Arizona College of Nursing, Tucson, AZ Department of General Education
2020-2022	KINS 151a: Biomechanics California State University, Sacramento, Sacramento, CA Department of Kinesiology (Student Evaluations = 4.81/5.00)
2020-2022	KINS 151: Kinesiology California State University, Sacramento, Sacramento, CA Department of Kinesiology (Student Evaluations = 4.60/5.00)
2018-2019	PT 556: Disorders of the Musculoskeletal System <i>University of Southern California</i> , Los Angeles, CA Division of Biokinesiology & Physical Therapy (Student Evaluations = 4.43/5.00)
2014-2018	PT 554: Analytical Anatomy (Biomechanics Laboratory Section) University of Southern California, Los Angeles, CA Division of Biokinesiology & Physical Therapy (Student Evaluations = 4.75/5.00)
2014-2018	PT 514: Musculoskeletal Anatomy (Laboratory) University of Southern California, Los Angeles, CA Division of Biokinesiology & Physical Therapy (Student Evaluations = 4.67/5.00)

2012-2014	KINS 151a: Biomechanics California State University, Sacramento, Sacramento, CA Department of Kinesiology
2012-2014	KINS 151: Kinesiology California State University, Sacramento, Sacramento, CA Department of Kinesiology
2009-2011	BIO 22: Anatomy <i>California State University, Sacramento</i> , Sacramento, CA Department of Kinesiology (Student Evaluations = 4.96/5.00)
Workshops and Tuto	rials Developed/Presented
2023	Developing Your Personal Statement for Grants <i>Arizona College of Nursing</i>
2022	How to Study Effectively Arizona College of Nursing
2022	How to Craft a Strong Resume Arizona College of Nursing
2022	APA Refresher Arizona College of Nursing
2022	Using Mendeley to Make APA Formatting Easy Arizona College of Nursing
2021	Creating a Blueprint for Your Writings Arizona College of Nursing
2021	Writing a Good Introductory Paragraph Arizona College of Nursing
2021	How to Conduct a Literature Search <i>Arizona College of Nursing</i>
2018	Tribometer Workshop University of Southern California
2011	Engaging Students in the Classroom California State University, Sacramento
2010	Activity-based Classrooms

California State University, Sacramento

GRADUATE AND UNDERGRADUATE STUDENTS MENTORED:

2024-present	Lila Wayman (University of Arizona)
2024-present	Christian Eggert (University of Arizona)
2024-present	Riley Martin (University of Arizona)
2023	Evelyn Miller (University of Arizona)
2021-present	Matthew Lo (University of Arizona)
2021-2022	Rachel Lee (Division of Biokinesiology & Physical Therapy, USC)
2019-2020	Lauren Vera, DPT (Division of Biokinesiology & Physical Therapy, USC)
2019-2020	Sarah Ruegg, DPT (Division of Biokinesiology & Physical Therapy, USC)
2018-2019	Christopher Asplund, DPT (Division of Biokinesiology & Physical Therapy, USC)
2016-2018	Kaylee Dang, DPT (Division of Biokinesiology & Physical Therapy, USC)
2015-2016	Alex Cohen, DPT (Division of Biokinesiology & Physical Therapy, USC)

V. PROFESSIONAL DEVELOPMENTS

2024	Society for Neuroscience, Chicago, IL, USA
2024	ASTM F13 Subcommittee Meeting, Philadelphia, PA, USA
2024	American Society of Biomechanics, Madison, WI, USA
2024	ASTM F13 Subcommittee Meeting, Louisville, KY, USA
2024	APTAAZ Fall Meeting, Phoenix, AZ, USA
2024	Combined Sections Meeting (APTA), Boston, MA, USA

Conferences

16 – Jonathan S. Lee-Confer, Ph.D., C.E.P.

2023	American Society of Biomechanics, Knoxville, Tennessee, USA
2023	ASTM F13 Subcommittee Meeting, Toronto, Canada
2023	ASTM F13 Subcommittee Meeting, Virtual
2023	Arizona State Bar Convention, Tucson, Arizona, USA
2022	North American Congress on Biomechanics, Ottawa, Canada
2022	World Congress of Biomechanics Conference, Taipei, Taiwan
2022	Arizona College of Nursing Educators Conference, Virtual
2022	ASTM F13 Subcommittee Meeting, Seattle, Washington, USA
2022	ASTM F13 Subcommittee Meeting, Virtual
2022	ATI Champion Training, Virtual
2019	American Society of Biomechanics Conference, Calgary, Canada
2019	International Society of Biomechanics Conference, Calgary, Canada
2019	International Congress on Snow Sports Trauma and Safety Conference, Squaw Valley, California, USA
2019	Neural Control of Movement Conference, Toyama, Japan
2017	USC Dentistry Research Day, Los Angeles, California, USA
2017	European Society of Biomechanics Conference, Seville, Spain
2016	Jacqueline Perry Research Day, Los Angeles, California USA
2015	American Society of Biomechanics Conference, Columbus, Ohio, USA
2015	Dentistry Research Day, Los Angeles, California, USA
2015	Biomedical Engineering Society Conference, Tampa, Florida, USA
2014	American College of Sports Medicine Conference, San Diego, California, USA
2014	Jacqueline Perry Research Day, Los Angeles, California, USA

17 – Jonathan S. Lee-Confer, Ph.D., C.E.P.

2014 Biomedical Engineering Society Conference, San Antonio, Texas, USA

Continuing Education

2023	The CDC's "STEADI" Toolkit in the Community Setting – Project "VIBE" Valley Initiative to promote Balance among Elders Presenter: Tiffany Hughes, Ph.D.
2022	Whoa! Reactive balance training as a fall prevention intervention Presenter: Michael Madigan, Ph.D.
2022	Human Motion Analysis with Wearables for Improved Health and Wellbeing Presenter: Sol Lim, Ph.D.
2022	Impact of Ankle-Foot-Orthoses and Functional Electrical Stimulators, on Fall Outcomes in Individuals with Stroke Presenter: Claire Honeycutt, Ph.D.
2022	Diversity and English Language Learners: Helping Students Succeed Presenter: Karin J. Sherrill, RN, MSN, CNE, ANEF, FAADN
2022	Concept Mapping I: Why It's Essential for 21st Century Nursing Education Presenter: Barbara L. Yoost, MSN, RN, CNE, ANEF
2022	Cultivating Meaningful and Engaging Online Discussion Presenter: Virginia Wangerin, PhD, RN, CNE
2021	Contraception Pharmacology Update Presenter: Gini Holter, DNP, APRN, FNP-BC
2021	<u>Diabetes Mellitus: Pharmacological Management for Type 2</u> Presenter: Susan J. Kimble, DNP, RN, ANP-BC, FAANP