

John W. McChesney, PhD., LAT.
Department of Kinesiology
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EDUCATION

Doctor of Philosophy, 1996, University of Oregon Institute of Neuroscience (ION), Eugene, Oregon.
Major: *Neuromuscular Control* Minor: *Neuroscience*

Master of Arts, 1984, Western Michigan University, Kalamazoo, Michigan.
Major: *Athletic Training* (Program of Advanced Study)

Bachelor of Arts, 1982, California State University at Chico, California.
Major: *Physical Education/Athletic Training*

University of Arizona, 1978-1980

Saint Mary's College of California, 1977-1978

Menlo School, Atherton, California 1972-1977

PROFESSIONAL EXPERIENCE

2019-present **Associate Professor**, Department of Kinesiology, Boise State University, Boise, ID., under the direction of Jane Shimon, EdD.

2019-2020 **President Elect**, Western Society for Kinesiology and Wellness.

2013-2019 **Associate Professor & Chair**, Department of Kinesiology, Boise State University, Boise, ID., under the direction of Ronald Pfeiffer, EdD. and Diane Boothe, D.P.A.

2001-2013 **Associate Professor & Program Director**, Athletic Training Program,
Director, Athletic Training/Motor Control Research Laboratory, Department of Kinesiology, Boise State University, Boise, ID., under the direction of Ronald Pfeiffer, EdD.

2011-2013 **Adjunct Faculty** College of Western Idaho, under the direction of Rhonna Krouse, MS.

2005-present **Executive Secretary & Owner**, MMD Inc., Boise, ID. A medical start-up company, in cooperation with Mark DeBeliso, PhD. and Louis Murdock, MD.

1995-2001 **Assistant Professor & Program Director**, Athletic Training Program,
Director, Athletic Training/Motor Control Research Laboratory, Department of Kinesiology, Boise State University, Boise, ID., under the direction of Ross Vaughn, Ph.D. and Robert Barr, Ph.D.

1997-2004 **Member**, Institutional Review Board, Office of Research Administration, Boise State University, Boise, ID., under the direction of Ingrid Brudenell, Ph.D., RN.

1998-present **Faculty Liaison**, Concurrent Enrollment Program, Boise State University providing oversight to 15 area high school Sports Medicine II & III instructors, under the direction of Fabiola Juarez-Coca.

- 1990-1995 **Graduate Teaching Fellow** for Recreation & Intramural Athletic Training Services and **Doctoral Student** in the Motor Control Laboratory, Institute of Neuroscience, University of Oregon, Eugene, OR., under the direction of Marjorie Woollacott, Ph.D., Louis Osternig, Ph.D., ATC. & Mr. Brent Harrison, M.A.
- 1985-1990 **Head Athletic Trainer** and **Athletic Training Program Director**, California State University, Chico, under the direction of Clark Yeager, M.S. & Alan Azevedo, MD.
- 1985 **Staff Athletic Trainer**, Norther California Center for Sportsmedicine/Chico Physical Therapy Associates, Chico, CA., under the direction of Bob Symons, P.T.
- 1984-1985 **Head Athletic Trainer for Women's Sports**, California State University at Chico. Under the direction of Clark Yeager, M.S. & Alan Azevedo, MD.
- 1983 - 1984 **Graduate Assistant Athletic Trainer**, Western Michigan University Health Center Sports Medicine Clinic, Kalamazoo, MI. Under the direction of Jeff Willson, M.S., ATC. & Jim Scholl, MD.
- 1983 **Head Athletic Trainer**, Niagara Falls White Sox (Chicago White Sox Baseball Organization). Under the direction of Brandt McFarlin, M.S., ATC.

TEACHING EXPERIENCE

Courses taught at Boise State University

Graduate Seminar in Athletic Training (MAT-598)
 Diagnosis and Therapeutic Interventions III, Spine & Head (MAT-543)
 Research Methods in Athletic Training (KINES-525)
 Diagnosis and Therapeutic Interventions I, Lower Extremity (MAT-514)
 Research Design in Exercise and Sport (KINES-551)
 Organization and Administration of Athletic Training (KINES-426)
 Theory and Application of Exercise (KINES-424)
 Neuromechanics (KINES-416)
 Training Room Modalities (KINES-326)
 Athletic Injury Evaluation (KINES-324)
 Athletic Training Clinical Instruction I-VI. (KINES-221, 222, 321, 322, 421, & 422)
 Introduction to Athletic Injuries (KINES-220)
 Personal Health (KINES-140)
 Practicum in Athletic Training (KINES-122)
 Athletic Training Procedures (KINES-120)
 Instructional Golf (KINES-113)

Courses taught at the University of Oregon

Clinical and Functional Anatomy (EMS-610, within Graduate Athletic Training Program)
 Human Anatomy Lab (BIO-311 & 312)
 Undergraduate Athletic Training Internship Supervisor

Courses taught at the California State University, Chico

Evaluation of Athletic Injuries (PE-117)
 Reconditioning of Athletic Injuries (PE-181)
 Undergraduate Athletic Training Internship Supervisor

PEER REVIEWED PUBLICATIONS

McChesney, J.W., Lamar, G.P. & Halseth, T.J. (2022) The Effect of a Modulation in Golgi Tendon Organ Afference on Joint Angle Reproduction. International Journal of Science and Engineering Investigations. 11 (120) 11-15.

Hammons, D., McChesney, J.W., Curtin, M., Pfeiffer, R., & Thiede, K. (2015) A Randomized and Blinded Study for the Treatment of Glenohumeral Internal Rotation Range of Motion Restriction: The Prone-Passive Stretching Technique. Journal of Sports Medicine and Allied Health Sciences. 1 (2) 1-9.

Boham, M., DeBeliso, M., Harris, C., Pfeiffer, R., McChesney, J.W., & Burning, J.M. (2013) The Effects of Functional Fatigue on Ground Reaction Forces of Jump, Land, and Cut Task. International Journal of Science and Engineering Investigations. 2 (21) 21-28.

DeBeliso, M., McChesney, J.W. & Murdock, L.E. (2013) Grip norms and reliability of the hand grip ForceMap system. Journal of Hand Surgery, European Volume. 6 (4) 33-35.

McChesney, J.W., DeBeliso, M. & Murdock, L.E. (2012) Clinical Orthopedic Device Innovation: The Anchored Ankle Brace & Full Leg Support System. International Journal of Science and Engineering Investigations. 1 (11) 30-32.

DeBeliso, M., McChesney, J.W. Sevene, T., Adams, K., & Harris, C. (2012) Polyurethane Replacement Insoles and Tibial Impact Acceleration Characteristics. International Journal of Science and Engineering Investigations. 1 (9) 73-77.

McChesney, J.W., DeBeliso, M. & Murdock, L.E. (2012) The Hand Grip ForceMAP System. International Journal of Science and Engineering Investigations. 1 (8) 76-78.

Ford, P., & McChesney, J.W. (2007) Duration of hamstring flexibility gains following termination of three separate stretching protocols. Journal of Sport Rehabilitation. 16, 18-27.

Halseth, T., McChesney, J.W., DeBeliso, M., Vaughn, R., & Lien, J. (2004) The Effects of Kinesio Taping™ on Proprioception at the Ankle. Journal of Sports Science and Medicine. 3, 1-7.

McChesney, J.W. (2002). Balance testing benefits older adult athletes. Biomechanics. 9, (3), 29-37.

McChesney, J. A., & McChesney, J. W. (2001). Auscultation of the chest and abdomen by athletic trainers. The Journal of Athletic Training. 36, 190-196.

McChesney, J. W., & Woollacott, M. H. (2000). The effect of age related declines in proprioception and TKR on postural control. The Journals of Gerontology: Medical Sciences. 55, M658-M666.

McChesney, J. W. (1996). The effect of total knee replacement on motor performance. Western College Physical Education Society Monograph Series, (6).

McChesney, J. W., Sveistrup, H., & Woollacott, M.H. (1996). Influence of auditory precuing on automatic postural responses. Experimental Brain Research, 108, 315-320.

McChesney, J. W. (1990). Abduction ankle sprain in a softball player. Sports Medicine Update, 5, 26-28.

ABSTRACTS & ARTICLES

McChesney, J.W. (2002) Session Examines Care of Athletes with Physical or Cognitive Impairments. NATA News, June 2002, 43.

McChesney, J.W. (2001) CEC Symposium Focuses on Infectious Disease. NATA News, June 2001, 37.

McChesney, J.W. (2000) Session to shed light on hand, wrist in sports. NATA News, June 2000, 46.

McChesney, J. W. & Woollacott, M. H. (1999). The effect of age related declines in proprioception and TKR on postural control. Idaho Journal of Health, Physical Education, Recreation, and Dance, 34.

McChesney, J. A. & McChesney, J. W. (1999). Auscultation of the chest and abdomen by athletic trainers. Idaho Journal of Health, Physical Education, Recreation, and Dance, 33.

McChesney, J. W., Sveistrup, H., & Woollacott, M. H. (1992). Influence of auditory precuing on automatic postural response. Society for Neuroscience Abstracts, 18, 1405.

GRANT ACTIVITY

- 2004 Co-Investigator: Infrastructure Grant (Boise State University), An Analysis of Static and Dynamic Postural Control Strategies in Normal and Orthopedically Compromised Subjects. Office of Research Administration #691A00021 (funded at \$19,000).
- 2003 Co-Investigator: Upgrade of Vicon Motion Capture System for High Speed 3-D Motion Analysis in Biomechanics Research (Boise State University). National Science Foundation EPSCoR (\$100,000, not funded).
- 2002 Co-Investigator: Developing Infrastructure for a Multifaceted Biomechanics Research Laboratory (Boise State University). National Science Foundation (\$399,980, not funded).
- 1994-1995 Graduate Research Fellow Investigator: The Effect of Age-Related Declines in Proprioception and Total Knee Replacement on Postural Control (University of Oregon Institute of Neuroscience). Included as part of National Institutes of Health 2R01AG005317-08, Age Related Changes in Posture and Movement (funded for 1995 at \$206,470).
- 1990-1994 Research Assistant: Age Related Changes in Posture and Movement (University of Oregon Institute of Neuroscience) National Institutes of Health 2R01AG005317-08, (multiple longitudinally funded projects at \$500,000+).

PRESENTATIONS

McChesney, J.W. (2016) The Synchrony of Concurrent Enrollment with Athletic Training Education: a Potential Harmonious Relationship. (Thursday, October 13th, 3:30pm-4:00pm) Western Society for Kinesiology and Wellness 61st Annual Conference, Reno, NV.

Boham, M., DeBeliso, M., Harris, C., Pfeiffer, R., McChesney, J., & Berning, J. (2013). Ground Reaction Forces During Land and Cut Tasks in Female Athletes. A poster presentation at the Southwest American College of Sports Medicine annual meeting, October 19, 2013, Newport Beach, CA.

McChesney, J.W., DeBeliso, M., Fichtner, D. & Murdock, L.E. (2012). Grip Norms and Reliability of the ForceMAP Tactile Array Isometric Strength Measurement System. A poster presentation (Thursday, October 11th, 2:00pm-3:00pm) Western Society for Kinesiology and Wellness 57th Annual Conference, Reno, NV.

McChesney, J.W. (2010) Accreditation Fatigue. (Thursday, October 14th, 5:00pm-6:00pm) Western Society for Kinesiology and Wellness 55th Annual Conference, Reno, NV.

- McChesney, J.W. (2010) Fitness Gadgets, New Workout Equipment and Motivational Techniques. (Thursday, October 14th, 2:30pm-3:30pm) Western Society for Kinesiology and Wellness 55th Annual Conference, Reno, NV.
- McChesney, J.W. (2010). The Role of Advances in Hand Strength Measurement in the Assessment of Upper Extremity Pathology. (Thursday, July 1st, 10:30-11:30am) Far West Athletic Trainers' Association Annual Meeting and Clinical Symposium, Honolulu, HI.
- McChesney, J.W. (2009) Proprioceptive Training: a Case of Mistaken Identity. (May 18, 2009, 10:00am-11:00am) Collegiate Sports Medicine Foundation's ATSea III Annual International Conference, Miami, FL.
- McChesney, J.W. (2008) Student/Athlete or Athlete/Student? (October 9, 2008, 11:00am-12:00pm) Western Society for Kinesiology and Wellness 53th Annual Conference, Reno, NV.
- McChesney, J.W. (2008) Evaluation of Acute Orthopedic Injuries in the Smoke Jumpers. (March 28, 2008, 9:00am-12:00pm) National Interagency Fire Center Annual Medical Meeting, Boise, Idaho.
- McChesney, J.W. (2008) Emerging Technology for Grip Evaluation. (February 9, 2008, 4:30pm-5:30pm) Idaho Hand Society Annual Conference, Boise, ID.
- McChesney, J.W. (2006) Critical Research Questions (Thursday, October 12th, 2006, 5:00-6:00pm) Western Society for Kinesiology and Wellness 51th Annual Conference, Reno, NV.
- Scheffel, S, McChesney, J. & Lein, J. (2006) Prevention and Management of Head Injuries. (April 20, 2006, 12noon - 2:00pm) Presented to the hospital staff at Steel Memorial Medical Center, Salmon, Idaho
- Scheffel, S, McChesney, J. & Lein, J. (2006) Concussion Awareness (April 20, 2006, 7:00-9:00pm) Presented to the high school coaches and emergency medical technicians at the Steel Memorial Medical Center, Salmon, Idaho
- Ford, P. & McChesney, J.W. (2006) Changes in ROM of the Hip Following Three Hamstring Stretching Protocols. (April 8th, 9:00am -12noon) A poster Presentation. Far West Athletic Trainers' Association Annual Meeting and Clinical Symposium, San Diego, CA.
- McChesney, J.W. (2006) Performance Related Injuries in the "Firefighter Athlete". (March 21, 2006) National Interagency Fire Center Annual Medical Meeting, Boise, Idaho.
- Rich, D. & McChesney, J.W. (2006) The Effects of Training on a Novel, High Technology Therapeutic Device on Fine Motor Control of the Shoulder. (March 18, 2006, 2:00p-4:00p) A poster presentation NWATA District 10 Annual Meeting and Clinical Symposium, Boise, Idaho.
- McChesney, J. W. (2004). Current State of Proprioception Research and its Inclusion During the Rehabilitation Process. (Friday, July 9th, 12:00-12:45pm) at the Far West Athletic Trainers' Association Annual Meeting and Clinical Symposium, Honolulu, HI.
- McChesney, J.W. (2004) The influence of External Agencies on Curriculum. (Thursday, October 14th, 2:45-3:45pm) Western Society for Kinesiology and Wellness 49th Annual Conference, Reno, NV.
- Sabick, M., McChesney, J.W. & Pfeiffer, R. (2004) "High Tech Broncos", *ESPN* Videotape Segment aired during the BSU vs. BYU football Game (September 24, 2004).
- McChesney, J. W. (2003). Performance Related Traumatic Injuries. (Tuesday, September 30th 3:00-5:00pm) National Interagency Fire Center Annual Medical Meeting, Boise, ID.
- Emter, C.A., Pfeiffer, R.P., McChesney, J, Harris, C. (2002, May). Muscle recruitment strategies in the lower extremity during a hang-drop-deceleration maneuver. Poster presentation for the American College of Sports Medicine annual meeting, St. Louis, MO.

McChesney, J. W. (2001, June). Postural Control in the Older Adult Athlete. Workshop K, (Wednesday, June 20th 10:15-11:45am) at the National Athletic Trainers' Association annual meeting and clinical symposia, Los Angeles.

McChesney, J. W. (2001, June). Continuing Education Committee National Symposium Session on Infectious Disease: Considerations for Physical Activity. Moderator and Panel Discussant at the National Athletic Trainers' Association annual meeting and clinical symposia, Los Angeles, CA.

McChesney, J. W. (2000, June). Continuing Education Committee National Symposium Session on The Wrist and Hand in Sport. Moderator and Panel Discussant at the National Athletic Trainers' Association annual meeting and clinical symposia, Nashville, TN.

McChesney, J. W. (1999, June). Free Communications, Oral Presentations: Clinical Case Reports: Upper Extremity. Moderator and Panel Discussant at the National Athletic Trainers' Association annual meeting and clinical symposia, Kansas City, MO.

McChesney, J. W. (1998, June). The effects on postural control by age related declines in proprioception and by total knee arthroplasty. Invited Lecturer to the University of California, Los Angeles Medical Center, Department of Physical Therapy. Westwood, CA.

McChesney, J. W. (1998, June). Free Communications, Oral Presentations: Clinical Case Reports I. Moderator and Panel Discussant at the National Athletic Trainers' Association annual meeting and clinical symposia, Baltimore, MD.

McChesney, J. W. (1997, June). Free Communications, Oral Presentations: Current Trends in Neuromuscular Research. Moderator and Panel Discussant at the National Athletic Trainers' Association annual meeting and clinical symposia, Salt Lake City, UT.

McChesney, J. W., Sveistrup, H., & Woollacott, M. H. (1992, October). Influence of auditory precuing on automatic postural response. Poster session presented at the annual meeting of the Society for Neuroscience, Anaheim, CA.

UNIVERSITY SERVICE

<u>Committee</u>	<u>Dept/College/Univ</u>	<u>Role</u>	<u>Dates</u>
Faculty180 Task Force	College (BSU)	Member	2016-2019
COHS Leadership Council	College (BSU)	Member	2015-2019
Workload/P&T Task Force	School (BSU)	Chair	2015-2016
Strategic Planning	College (BSU)	Member	2015-2016

UNIVERSITY SERVICE (continued)

<u>Committee</u>	<u>Dept/College/Univ</u>	<u>Role</u>	<u>Dates</u>
Promotion & Tenure	College (BSU)	Member	2011-2013
Workload	College (BSU)	Member	2012-2013
Workload	Department (BSU)	Chair	2009
Workload	College (BSU)	Member	2007-2008
Dean Evaluation	College (BSU)	Member	2006 & 2010
COED Technology	College (BSU)	Member	2004-2007
COBR Advisory	College (BSU)	Member	2003-2007
Promotion & Tenure	Department (BSU)	Member	2001-2013
ATEP Advisory	Department (BSU)	Chair	1997-2013
Athletic Training Club	Department (BSU)	Advisor	1997-2008
Department Scholarship	Department (BSU)	Chair & Member	1996-2013
Human Subjects Research	University (BSU)	Member	1997-2005
Recreation Advisory	University (BSU)	Member	1995-1999
Emergency Management	Department (BSU)	Member	1995-1998

Career Day	Department	(BSU)	Representative	1995-1996
ATEP Advisory	Department	(BSU)	Member	1995-1996
Rec. & IM Advisory	Department	(U.O.)	Member	1990-1995
Athletic Training Search	Department	(CSUC)	Member	1990-1990
Sportsmedicine Advisory	Department	(CSUC)	Chair	1988-1990
Wildcat Boosters	Department	(CSUC)	Member	1985-1989

PROFESSIONAL SERVICE/AWARDS

2022	Reviewer: Jones & Bartlett - Neuroscience: Exploring the Brain
2020	President Elect - Western Society for Kinesiology and Wellness
2018	Reviewer: The Journal of Back and Musculoskeletal Rehabilitation
2013	BSU Top Ten Scholar Faculty Mentor for Alyssa Babcock
2009	Reviewer: Athletic Training & Sports Health Care Journal
2005	Recipient BSU Committee Membership Recognition/Appreciation (ORA/IRB)
2005	Presidential Nominee: Western Society for Kinesiology and Wellness
2004	Reviewer, Western Interstate Commission for Higher Education (WICHE program application)
2004	Chair Nominee: Human Subjects Research Committee, BSU Office of Research Administration
2002	NATA Education Council Outstanding Service Award for work on the Continuing Education Com.
2001	Chair Nominee: Human Subjects Research Committee, BSU Office of Research Administration
1999-2002	Member, National Athletic Trainers' Association Continuing Education Committee (Chair of the CEC Subcommittee for the National Symposium Session)
1999	Reviewer, <u>Athletic Training & Sports Medicine</u> , 3rd Ed., AAOS
1987-1989	Crew Member, National Collegiate Athletic Association's West Coast Drug Testing Team

AFFILIATIONS/CREDENTIALS

Certified Member of the National Athletic Trainers' Association (1980-present, Cert. 1984; #000070273)
 Licensed Member of the Idaho Athletic Trainers' Association (Idaho State Board of Medicine #AT-239)
 Member of the Western Society for Kinesiology and Wellness (1996-2020)
 Member of the National Strength and Conditioning Association (1987-1999)
 Member of the North American Society for Psychology of Sport and Physical Activity (1990-1999)
 Member of the Society for Neuroscience (1990-1999)