

**2022 Presenter Laurie Lee Devaney, PhD, PT, ATC-Look Up! Neck Mobility in the Overhead Athlete**



Laurie Lee Devaney is an Assistant Professor-in-Residence at the University of Connecticut in the Department of Kinesiology where she serves as the Program Director of the Doctor of Physical Therapy Program and Co-Director of the UConn Institute for Sports Medicine.

Dr. Devaney completed her undergraduate education in physical therapy and athletic training earning a BSPT from the University of North Carolina-Chapel Hill. She was certified as an athletic trainer in 1993 and completed an Advanced Master of Science in Orthopedic Physical Therapy from the University of St. Augustine for Health Sciences. She is a Board-Certified Clinical Specialist in Orthopaedic Physical Therapy, Fellow of the American Academy of Orthopaedic Manual Physical Therapists, and a member of the American Society of Shoulder and Elbow Therapists. After nearly 3 decades of clinical practice, Dr. Devaney earned a PhD in Kinesiology from the University of Connecticut in 2018; to date, her research has focused on upper extremity injury risk and recovery in overhead athletes with a special interest in how spinal impairments and lateral preference influence movement. She is a co-author of the APTA Neck Pain: Revision 2017 Clinical Practice Guidelines and has presented on a variety of orthopedic and sports topics for state and national audiences.

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**2021 Presenter Erik Wikstrom, PhD, ATC, FNATA, FACSM-Ankle Sprain to OA: Implications for Mitigating Cartilage Degeneration**



Erik Wikstrom is an Associate Professor and the Katherine Smith Gunter Fellow in the Department of Exercise and Sports Science. Dr. Wikstrom is the Director of the Human Movement Science PhD program and a member of both the MOTION Science Institute and the Sports Medicine Institute at UNC. Dr. Wikstrom graduated with his

B.S. in Athletic Training from Roanoke College in 2001. He completed his Masters in Exercise Science and his Doctorate in Health & Human Performance, both with specializations in Athletic Training, from the University of Florida in 2003 and 2007, respectively.

Dr. Wikstrom's primary research interest is on the impact of musculoskeletal injury on sensorimotor control of the lower extremity with particular emphasis on the coordination of balance following ankle joint injury. His current research focuses on 1) developing more effective interventions for ankle joint injury, 2) evaluating how lower extremity injury alters sensory reweighting, and 3) understanding the factors that contribute to post-traumatic ankle osteoarthritis. Dr. Wikstrom's research has been funded by the National Athletic Trainers' Association Research and Education Foundation, the National Institutes of Health, and the Department of Defense, among others. He has been named a Fellow of the American College of Sports Medicine (2011) and the National Athletic Trainers' Association (2019).

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**2020 Presenter Jennifer Earl-Boehm PhD, ATC, FNATA-Proximal Muscle Function, Dynamic Alignment & Lower Extremity Overuse Injury**



Jennifer Earl-Boehm PhD, ATC, FNATA is an Associate Professor of Kinesiology at the University of Wisconsin-Milwaukee, where she is also the Program Director for the graduate professional athletic training program. Dr Earl-Boehm received her Bachelor of Arts degree from the College of Wooster, MS in Education from the University of Virginia, and PhD in Kinesiology from the Pennsylvania State University. She has been at the University of Wisconsin-Milwaukee since 2002.

Dr Earl-Boehm's research agenda has explored the relationships among hip muscle function, lower extremity movement and overuse injuries to lead to improved prevention and rehabilitation strategies. She has primarily investigated the relationship between hip muscle function and dynamic malalignment, as several overuse and acute lower extremity injuries have been attributed to this faulty movement pattern. Several studies have tested novel exercise interventions, the primary injury model being patellofemoral pain. Dr Earl-Boehm has published in a variety of sports medicine journals, and has received funding from the NATA Foundation, the Wisconsin Athletic Trainers' Association, Great Lakes Athletic Trainers Association, and Eastern Athletic Trainers Association. She currently serves the profession as the chair of the Research Committee for the NATA Research and Education Foundation, and was on the Wisconsin Athletic Trainers' Association Board of Directors from 2010-2014. Dr Earl-Boehm was honored with the Wisconsin Athletic Trainers' Association Outstanding

Educator award in 2012, and in 2014 was named a NATA Fellow and received the NATA Outstanding Service Award.

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### **2019 Presenter Dr. Steven Broglio- Would you let your child play football?**



Steven Broglio is an Associate Professor at the University of Michigan in the School of Kinesiology and Departments of Neurology and Physical Medicine and Rehabilitation. He is Director of the NeuroTrauma Research Laboratory. Dr Broglio completed his training at the University of Georgia and took his first faculty position in the Department of Kinesiology and Community Health at the University of Illinois at Urban-Champaign. He has been at the University of Michigan since 2011.

Over the previous 2 decades, Dr Broglio's research has continually focused on improving athlete health and safety through injury prevention, early recognition, and management of concussive injuries. His research has been supported by the National Athletic Trainers' Research and Education Foundation, the National Institutes of Health, the National Collegiate Athletic Association, and the Department of Defense and are chronicled in medical journals and book chapters. Dr Broglio was awarded the Early Career Investigator Award by the International Brain Injury Association, the Early Career award by the National Athletic Trainers' Association, and Fellowship in the American College of Sports Medicine and National Athletic Trainers' Association.

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### **2018 Presenter Gianluca Del Rossi, PhD, ATC, FNATA-Managing Cervical Spine Injuries in the Era of Spinal Motion Restriction**



Gianluca Del Rossi, PhD, ATC, FNATA is a Professor in the Department of Orthopaedics and Sports Medicine at the University of South Florida where he teaches in the Athletic Training Program. Dr. Del Rossi received his BSc (Hons) in Kinesiology from York University in 1996, and both his MS in Exercise and Sport Sciences, and PhD in Athletic Training and Sports Medicine from the University of Florida in 2000 and 2002, respectively. Dr. Del Rossi has been conducting pre-hospital and spine-related research for nearly 20 years with the goal of improving the care offered to spine-injured patients in both the pre-hospital and early in-hospital settings. He has been successful in publishing 27 manuscripts (as either

lead author or co-author) on these topic areas, all in peer-reviewed journals, including several in highly regarded journals such as *Spine*, *Journal of Trauma*, and *Resuscitation*. His research has been funded by the National Collegiate Athletic Association, National Operating Committee on Standards for Athletic Equipment, as well as private research foundations and private industry. Dr. Del Rossi has presented his research at state, regional and national symposia, and has served as a manuscript reviewer for several journals, as well as an editorial board member for the *Journal of Athletic Training* and *BioMed Research International*. In 2015, he was invited to join the core writing group of the Inter Association Task Force for Appropriate Care of the Spine Injured Athlete, and in 2016 was named a Fellow of the National Athletic Trainers' Association.

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### **2017 Presenter Dr. Sandra Shultz-Evidence-based ACL Injury Risk Factor Assessment**



Dr. Sandra Shultz is Professor and Chair in the Department of Kinesiology. She received her B.S. in Physical Education / Athletic Training from CSU Fullerton (1984), M.S. in Kinesiology from the University of Arizona (1985), and Ph.D. in Sports Medicine from the University of Virginia (1999). Prior to her doctorate, she worked clinically for 12 years as associate director of Women's TRACC Sports Medicine and associate director of athletic training and rehabilitation at UCLA (1991-1996). Her clinical experiences formed the foundation for her research interests, which focus on the sex-dependent factors that contribute to "high risk" knee biomechanics and ACL injury risk in women. Her primary line of research has characterized sex differences in knee laxity, and the consequences of greater magnitudes of knee laxity (both absolute and acute increases that occur during the female menstrual cycle and during exercise) on knee joint neuromechanics during sport related activity. She is currently exploring the genetic, hormone and anatomical factors (e.g. muscle mass) that precipitate high risk knee laxity profiles in an effort to develop effective intervention strategies to reduce or otherwise counteract the associated risk. This work has been supported by more than \$1.6M in external funding from the National Institutes of Health, the NATA Foundation, and NFL Charities, and is the focus in 66 of her 104 peer-reviewed publications. Additionally she is primary author (1) or co-author (3) on 4 published consensus statements related to ACL injury risk and prevention in the female athlete. She has also chaired 14 PhD student dissertations and 19 MS student theses on ACL risk and prevention, with 6 of her PhD students receiving NATA foundation dissertation grants in the last 10 years. Her overarching goal is to determine the underlying factors that increase a female's susceptibility for ACL injury, so that we

can more effectively identify and address these factors in our ACL injury prevention strategies. Dr. Shultz was inducted into the NATA Hall of Fame in 2015 and is recipient of the 2014 Medal for Distinguished Athletic Training Research, the 2012 Sayer “Bud” Miller Distinguished Educator, the 2005 Most Distinguished Athletic Trainer, and the 2003 Freddie H Fu New Investigator awards from the National Athletic Trainers Association, and is a Fellow of the National Athletic Trainers' Association, the National Academy of Kinesiology and the American College of Sports Medicine. She serves as Section Editor for the *Journal of Athletic Training*, grant review panelist for NIH, and editorial board member for *Medicine and Science in Sports and Exercise*, *Journal of Sports Health*, and *Isokinetic and Exercise Science*.

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**2016 Presenter Timothy A Butterfield PhD ATC FACSM-The architectural determinants of skeletal muscle function, and how they can be used to optimize our rehabilitation protocols**



Timothy A Butterfield PhD ATC FACSM is an Associate Professor in the Departments of Rehabilitation Sciences and Physiology, Division of Athletic Training at the University of Kentucky. Dr. Butterfield received a B.A. in Biology from Potsdam State University in 1987 and a B.S in Sports Medicine from Messiah College in 1990. He earned a M.S. degree in Athletic Training from Old Dominion University in 1992, before working as an athletic trainer at Mansfield University in Mansfield PA, and Samaritan Medical Center in Watertown, NY. In 1998 he returned to Potsdam State University in Potsdam NY as Head Athletic Trainer and lecturer. In 2001, Dr. Butterfield moved to Calgary, Alberta to begin pre-doctoral studies in Biomechanics at the University of Calgary under the mentorship of Professor Walter Herzog. Dr. Butterfield earned his PhD in Biomechanics in 2005, and the following year he was awarded the David Perrin Dissertation Award from the NATA. In 2005, Dr. Butterfield was named a Post-Doctoral Fellow in Biomedical Engineering at The Ohio State University where he worked under the guidance of Dr. Thomas M. Best until 2007, when he moved on to the University of Kentucky.

His area of research is *in-vivo* tissue mechanics, with an interest in muscle injury, repair and adaptation. Dr. Butterfield directs the Muscle Mechanics Laboratory in the College of Health Sciences at the University of Kentucky, focusing on clinical-translational research projects to investigate muscle injury, inflammation and adaptation, and the contribution of muscle function to overall joint function and health. Dr. Butterfield’s research has been funded by the NATA Research and Education Foundation, The Arthritis Foundation, the National Center on Complementary and Alternative Medicine,

the National Institute of Aging, and the National Institute on Deafness and Other Communication Disorders. In 2013, he was the recipient of the NATA Foundation Freddie Fu New Investigator Award and was elected a Fellow of the American College of Sports Medicine.

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**2015 Presenter Patrick McKeon, PhD, ATC, CSCS-Sensory Targeted Ankle Rehabilitation Strategies-Functional Improvements of the STARS**



Patrick O. McKeon, PhD, ATC, CSCS is an Assistant Professor within the Department of Exercise and Sport Sciences and the Clinical Education Coordinator of the Athletic Training Education Program at Ithaca College. Dr. McKeon received his B.S degree in Athletic Training from Springfield College (1997), his M.S. degree in Sports Health Care from the Arizona School of Health Sciences (2001), and his PhD in Sports Medicine from the University of Virginia (2007). His research interests include the exploration of sensorimotor alterations associated with lower extremity injury and rehabilitation. His primary goal in research is to develop evidence that is easily translated into clinical practice to enhance the quality of care athletic trainers can provide. One of the many advantages of his current position as Clinical Education Coordinator is that he is able to work directly with clinicians and athletic training students to develop clinical research questions and implement evidence-informed clinical decisions. He was the recipient of the NATA Foundation Freddie Fu New Investigator Award (2012) and the David Perrin Dissertation Award (2009). Dr. McKeon is an associate editor for the Journal of Athletic Training and serves on the editorial boards of the Journal of Sport Rehabilitation and Athletic Training & Sports Health Care. He and his wife Dr. Jennifer McKeon are currently the Co-Editors in Chief of the International Journal of Athletic Therapy and Training. Together, they strive to help clinicians and researchers work together to enhance the reputation of athletic trainers as health care providers.



**2014 Presenter Joseph B. Myers, PhD, ATC-Throwing Injuries in the Adolescent Baseball Player**



Joseph B. Myers, PhD, ATC is an Associate Professor of Exercise and Sports Science, and an Adjunct Associate Professor of Orthopaedics at the University of North Carolina at Chapel Hill. Dr. Myers received a B.S. and M.A. degrees in Athletic Training and Sports Medicine from West Chester University of Pennsylvania (1996) and the University of North Carolina at Chapel Hill (1998) respectively. Dr. Myers received a Ph.D. in Sports Medicine from the University of Pittsburgh in 2001. Dr. Myers currently directs the Human Movement Science Doctoral Program as well as is the co-clinical coordinator for the undergraduate athletic training education program. Dr. Myers' research over the past 10 years has focused on assessment of shoulder dysfunction using neuromuscular and biomechanical measurement models. Dr. Myers was 2005 recipient of the Freddie H. Fu, MD Young Investigator Award presented by the National Athletic Trainers Association Research and Education Foundation. In 2007, Dr. Myers completed a Visiting Scholar Fellowship at the Australian Institute of Sport in Canberra Australia.

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**2013 Presenter Karin Grävare Silbernagel PT, ATC, PhD-Practical Clinical Applications Based on Current Research Using the Achilles Tendon as a Model**



Karin Grävare Silbernagel received her bachelor's degree in Physical Therapy from Boston University in 1990. She earned her advanced masters degree in physical therapy and her PhD in medicine at University of Gothenburg, Gothenburg, Sweden. Karin is also a Certified Athletic Trainer. Dr. Silbernagel has been a clinician, researcher, and educator in the U.S. and Sweden. She has been a practicing physical therapist for 20 years, mainly in orthopedics and sports medicine. Her research areas are on tendon injuries especially the clinical aspects of prevention, treatment and evaluation. The focus of the research is on how to prescribe exercise and grade the loading to achieve the optimal response in tendon tissue after both chronic and acute injuries, while improving patients' impairments and symptoms. Currently, the majority of her research involves patients with Achilles tendon injuries. She is published in peer-reviewed

journals, has written several book chapters and has presented nationally and internationally.

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### **2012 Presenter Darin Padua, PhD, ATC-ACL Injury Prevention**



Dr. Darin Padua is an Associate Professor in the Department of Exercise and Sport Science and Director of the Sports Medicine Research Laboratory. He is an adjunct faculty member in the following Departments at UNC: Orthopaedics, Biomedical Engineering, and Allied Health Sciences. Dr. Padua serves as the Director of the National Academy of Sports Medicine (NASM) Research Institute and is the acting Chair of the Research Committee for the National Athletic Trainers' Association Foundation.

Dr. Padua received his B.A. and M.A. degrees in Athletic Training from San Diego State University (1996) and the University of North Carolina at Chapel Hill (1998), respectively. He earned his PhD in Sports Medicine from the University of Virginia in 2001.

His primary research interests focus on understanding factors that influence knee stability, identification of risk factors associated with knee injury, identification of evidence based prevention strategies for knee injury, and validation of performance enhancement training techniques. Current research includes investigating predictive factors for ACL injury, biomechanical comparison of ACL injury prevention interventions, examination of modifiable neuromuscular factors that contribute to movement impairments, validation of clinical movement assessment techniques to predict muscle imbalances and injury risk, and validation of corrective exercises commonly used for injury prevention and performance enhancement.

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### **2011 Presenter Tim Uhl PhD, ATC, PT, FNATA-EMG Evidence to Apply to Shoulder Rehabilitation Exercise Design**



Tim Uhl has been practicing physical therapy and athletic training since 1985 in various sport medicine settings. Tim received his bachelors in health science from the University of Kentucky in physical therapy. After three years of clinical practice at the Lexington Sports Medicine Center he went on to receive his masters' degree in kinesiology from the University of Michigan. At Michigan



he worked with the athletic programs and at MedSport their sports medicine outpatient center. He served both on the staff and as the director of outpatient physical therapy at the Human Performance and Rehabilitation Centers in Columbus, GA. He completed his doctorate in sports medicine from the University of Virginia in 1998 where he studied shoulder proprioception and is presently an associate professor in the Department of Rehabilitation Sciences, Division of Athletic Training at the University of Kentucky and Co-Director of the Musculoskeletal Laboratory.

Tim is particularly interested in the area of shoulder evaluation and rehabilitation and has several research projects ongoing in this area. He has secured funding for his research in the area of scapula kinematics and shoulder rehabilitation from private industry and private non-profit organizations.

Tim is an active member of the Sport Physical Therapy Section of the American Physical Therapy Association; he also is a past-president of the American Society of Shoulder and Elbow Therapists. In 2004 he became an affiliate member of the society of American Shoulder and Elbow Surgeons. He served on the Research Committee of the NATA Research and Education Foundation from 2003 to 2009.

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#### **2010 Presenter Sandra Fowkes Godek PhD, ATC-Sodium Depletion Illness**



Dr. Sandra Fowkes Godek is a Full Professor in the Department of Sports Medicine at West Chester University. She received a bachelors of science degree in athletic training from Penn State University, a masters of science degree in exercise physiology from the University of Colorado and a doctorate of philosophy in exercise physiology from Temple University. Dr. Fowkes Godek currently teaches courses in athletic training, serves as the Medical Coordinator for the Sports Medicine Department and is the director of the HEAT Institute at West Chester University. In December of 2006, she received the Council of Trustees' Distinguished Faculty Award at West Chester University. Dr. Fowkes Godek is active in the National Athletic Trainer's Association previously serving on the College/University Student Athletic Trainers Committee and the Research and Education Foundation Free Communications Committee. She is on the editorial board for the *Journal of Athletic Training*, is a grant reviewer for the NATA Research and Education Foundation and is a reviewer for the *Journal of Sport Rehabilitation, Medicine and Science in Sports, Exercise and Athletic Training and Sports Health Care* and the *Journal of Sports Sciences*. She has numerous first author publications and in 2004 she received the Kenneth Knight Journal of Athletic Training award for Outstanding Original Research Manuscript.

Dr. Sandra Fowkes Godek's research on thermoregulation, hydration, and electrolyte replacement in football players has attracted national attention as she has appeared on MSNBC as an expert on heat illness in football, on the *CBS Evening News* and the web show *NASA 360*. For the past 7 years during preseason training camps, she has completed extensive data collections with both the West Chester University and Philadelphia Eagles football teams. Additionally, Dr. Fowkes Godek continues for the 5th year to do research with the Philadelphia Flyers and Phantoms professional ice hockey teams. Her goal as Director of the HEAT Institute is to provide athletes, certified athletic trainers and additional sports medicine professionals with independent and unbiased information about thermoregulation, and fluid and electrolyte balance.

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**2009 Presenter Michael Dolan MS, ATC- Do Current Management Practices for Sprained Ankles Hasten Recovery?**



Mike Dolan '82 is a Peter Canisius Distinguished Professor in the department of Sports Medicine, Health and Human Performance. Within the Department of Sports Medicine, he teaches several courses including Therapeutic Exercise, Pathophysiology and

Pharmacology, Health Issues for Athletic Training, and the Practicums within the ATEP. He is also an approved clinical instructor. He is the director of the Center for Health and Sports Medicine which is funded by a grant through the distinguished professorship program.

Dolan has had a variety of professional experiences throughout his career as an athletic trainer. He has served as a graduate assistant at the University of North Carolina at Chapel Hill, where he earned a Master of Arts degree. He has also served as the head athletic trainer and assistant professor at Marietta College in Marietta Ohio.

Dolan is an active researcher who has been published in peer reviewed publications and presented his work at multiple national and regional symposiums. His research topics include the effects of therapeutic modalities and anti-inflammatory medications on edema formation and functional activity following orthopedic injuries. He is co-author of the text, *Foot Orthotics in Therapy and Sport*. Dolan has earned several honors and awards including the *Journal of Athletic Training* Kenneth L. Knight Award for Outstanding Research Manuscripts and the Eastern Athletic Trainers Association Funded Research Award.

He has been a column editor of Athletic Therapy Today as well as guest reviewer for the Journal of Athletic Training and Athletic Therapy. He is also a grant reviewer for the NATA Research and Education Foundation, a new product consultant for Cramer Products, and the co-founder of Clinical Associates of Western New York. Dolan is an active member of the National Athletic Trainers Association and the National Strength and Conditioning Association.

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**2008 Presenter Erik Swartz PhD, ATC-Management of Cervical Spine Injuries: Sensitivity, Efficiency, and Controversy**



Erik E Swartz is an Associate Professor and Clinical Coordinator in the CAATE accredited Athletic Training Education program within the Department of Kinesiology at the University of New Hampshire. Dr. Swartz received a B.S. from St. Bonaventure University in 1995 and a M.A. through the Approved Graduate Athletic Training Program at Western Michigan University. He completed his PhD in Applied Biomechanics at the University of Toledo in May 2000.

Dr. Swartz' primary research interest involves studying the acute management of athletes with a cervical spine injury. Dr. Swartz has received grant awards from The NATA Foundation, The Eastern Athletic Trainers' Association, and the National Organization for Standards in Athletic Equipment. He has been published in multiple journals including *Spine*, *New England Journal of Medicine*, *Prehospital Emergency Care*, *Journal of Athletic Training*, *The American Journal of Sports Medicine*, and *Clinical Journal of Sport Medicine*. He has presented his research on state, regional and national levels. He serves on the NFL Head Neck and Spine Committee's Subcommittee on Safety Equipment and Rules and on the NATA Conference Programming Committee. He is on the Editorial Boards of the *Journal of Athletic Training* and *Athletic Training and Sports Health Care Journal*.

Dr. Swartz was selected to chair the writing group for the NATA Position Statement on the Acute Management of the Cervical Spine Injured Athlete. He was recognized as the EATA 2009 'Research to Reality' presenter, received the Outstanding New Investigator Research Award from the College of Health and Human Services at the University of New Hampshire, and was recognized in 2010 with an Outstanding Alumni Award from the University of Toledo. In 2011 he was honored with a Fellows designation in the National Athletic Trainers' Association.

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**2007 Jay Hertel, PhD, ATC and Thomas Kaminski, PhD, ATC-Ankle Instability:  
Bridging the Gap between the Laboratory and the Clinic**



Jay Hertel is a faculty member in the athletic training/sports medicine specialization within the Kinesiology Program. He is interested in the prevention, assessment, and treatment of athletic injuries with an emphasis on lower extremity musculoskeletal injuries. He approaches these issues from a multifactorial perspective using diverse methods ranging from laboratory-based assessments of biomechanics and motor control to evidence-based practice principles inherent to clinical epidemiology.

Hertel received his Bachelor of Science degree from the University of Wisconsin-LaCrosse (1993). He attended the University of Virginia (1994) where he received his Master of Education. He completed his Ph.D. work from Pennsylvania State University (1999).

Hertel is very interested in research associated with sports medicine. He specializes in ankle instability, postural control, lower extremity musculoskeletal injuries, joint mobilizations, evidence-based practice in sports medicine. He has presented his work at many national and regional symposiums.



Dr. Thomas W. Kaminski is currently Professor and Director of Athletic Training Education at the University of Delaware (Newark, DE, USA). Dr. Kaminski is a fellow in the American College of Sports Medicine. He is the former associate editor for Athletic Therapy Today and a member of the editorial board for the Journal of Athletic Training. Additionally, he has served as a guest reviewer for many leading journals including the British Journal of Sports Medicine, Medicine and Science in Sport and Exercise, Journal of Sport Rehabilitation, International Journal of Sports Medicine, and Archives of Physical Medicine & Rehabilitation. He is active on several professional committees including the NATA Fellowship Committee, NATA Free

Communications Committee, and the EATA Research Committee and serves as a Review Panel Chair for the AAHPERD Research Consortium. Internationally, Dr. Kaminski is recognized for his efforts as a founding member of the International Ankle Consortium and planning committee member for the International Ankle Symposium. Dr. Kaminski has made numerous presentations on a variety of sports medicine topics to local, state, regional, national and international audiences and has over 45 peer-reviewed publications. His research interests include ankle instability, the effects of purposeful heading on brain function in soccer, and functional performance assessment for the lower extremity.

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### **2006 Presenter Britton W. Brewer, Ph.D**



Britton W. Brewer, Ph.D. is a Professor of Psychology at Springfield College in Springfield, Massachusetts, USA, where he teaches undergraduate and graduate psychology courses and conducts research on psychological aspects of sport injury. He is listed in the United States Olympic Committee Sport Psychology Registry, 2004-2008 and is a Certified Consultant, Association for the Advancement of Applied Sport Psychology.

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### **2005 Presenter Douglas Casa, PhD-Heat and Hydration Research Pertaining To The Physically Active: An Athletic Trainers' Perspective**



Doug Casa is Director of Athletic Training Education, assistant professor of Kinesiology, and research associate of the Human Performance Laboratory at the University of Connecticut, in Storrs, CT. Dr. Casa is a Fellow and Certified Health and Fitness Instructor of the American College of Sports Medicine. In addition to being a certified athletic trainer (ATC), he is an active member of the National Association of Athletic Trainers (NATA), having chaired that organization's position statement on Fluid Replacement for Athletes (2000) among other duties. He served as the chair of the 2003 Inter-Association Task force on Exertional Heat Illnesses. In 2001, he received the New Investigator Award of the NATA Research and Education Foundation. Casa is also a member of the American

Physiological Society and is a Certified Strength and Conditioning Specialist of the National Strength and Conditioning Association.

Dr. Casa's research has focused on dehydration, rehydration, exertional heat illnesses, body temperature regulation in hot environments, heat and hydration issues in children and the effects of caffeine, creatine, and glycerol on heat tolerance during exercise. He has published numerous peer-reviewed research articles and book chapters and is a member of the editorial board of the Journal of Athletic Training and the Journal of Sport Rehabilitation.

Dr. Casa has served on the medical staff of the Boston Marathon, New York City Marathon, and Nutmeg State Games. He also has extensive athletic training experiences with track and field, cross country running, and road racing.

Dr. Casa was awarded a B.S. degree in biology by Allegheny College in 1990. In 1993, he received an M.S. degree in athletic training from the University of Florida, and he majored in exercise physiology while completing his Ph.D. at the University of Connecticut in 1997.

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**2004 Presenter Scott M. Lephart, PhD, ATC-Proprioception, Position Sense, Kinesthesia Practical Clinical Applications from Recent Research Findings**



Dr. Scott M. Lephart, PhD, ATC is currently the Chair and Associate Professor of Sports Medicine and Nutrition and Associate Professor in the Department of Orthopaedic Surgery School of Medicine at the University of Pittsburgh. In addition he developed and Chairs the Sports Medicine Graduate Program in the School of Health and Rehabilitation Sciences at the University of Pittsburgh. He also serves as the Director of the Neuromuscular Research Laboratory at the UPMC Center For Sports Medicine and is an Associate Professor of Orthopaedic Surgery.

He has published more than 70 refereed papers, authored 26 textbook chapters, presented over 100 papers nationally, and presented over 30 research papers internationally in 15 countries on four continents. He is an Adjunct Professor at universities in three countries outside the USA. He authored the textbook Proprioception and Neuromuscular Control in Management of Joint Pathology. He was the editor of the Journal of Sport Rehabilitation from 1996 until 2000. He is a member of five editorial boards.



His awards and honors include the 2002 Clancy Medal for Distinguished Research, National Athletic Trainers' Association; the 1994 Charles Neer Award granted by the American Shoulder and Elbow Surgeons; the 1998 Inaugural New Investigator of the Year from the National Athletic Trainers' Association; the 1999 Educator of the Year from the National Athletic Trainers' Association; and has been honored with seven outstanding journal research papers.

Dr. Lephart obtained his Bachelor of Science in Sports Medicine from Marietta College, in Marietta, Ohio, in 1983. His Master of Education was completed in 1984 from the University of Virginia. He then went on to get his Doctor of Philosophy from the University of Virginia in 1988.

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### **2003 Presenter Tim Hewitt, PhD-New Strategies for the Prevention of Knee Injuries in Female Athletes**



Dr. Hewitt is known for his work in the area of the prevention of knee injuries in female athletes. He is Director of The Sports Medicine Biodynamics Center at Cincinnati Children's Hospital and is an Assistant Professor in Pediatrics at the College of Medicine and an Adjunct Associate Professor in Rehabilitation Sciences at the University of Cincinnati. Dr. Hewitt possesses a doctorate in Physiology and Biophysics and a commitment to developing new methods for injury prevention and athletic development. Dr. Hewitt has lectured and published on the topic of dynamic neuromuscular training and its uses for preventing knee injuries across the country, from Harvard University to the University of Florida. He has been a keynote speaker at The Mayo Clinic and Kentucky Sports Medicine and a visiting professor at Texas Tech University. Dr. Hewitt's work has been featured by the news media across the country, from the front page of the New York Times to Good Morning America. Dr. Hewitt has published over forty of his research articles in medical journals and his research has received numerous awards, including the Excellence in Research Award from the American Orthopaedic Society for Sports Medicine, the Young Investigator Award from the American Heart Association and was the Research to Reality presenter at the 2003 Eastern Athletic Trainers' Association.

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**2002 Presenter Kevin Guskiewicz, PhD, ATC-Concussion in Sport: Bridging the Gap Between Research and Clinical Practice**



Kevin M. Guskiewicz, Ph.D., ATC is an Associate Professor and Director of the Sports Medicine Research Laboratory in the Department of Exercise and Sport Science at The University of North Carolina, Chapel Hill, NC. He serves as Director of Undergraduate Athletic Training Education, and Director of Graduate Studies. Kevin also has a joint appointment in the Department of Orthopaedics at UNC. Kevin is a 1995 graduate of the University of Virginia's doctoral program in Sports Medicine. He received a Masters of Science degree in Exercise Physiology from the University of Pittsburgh in 1992, and a Bachelor of Science degree in Athletic Training from West Chester University of Pennsylvania in 1989. Over the past seven years, Kevin's research has focused on sport-related concussion. More specifically, he has investigated the effect of sport-related concussion on postural stability and cognition. Kevin has been the recipient of eight funded research grants, and has published 18 journal articles and three textbook chapters related to mild head injury in sport. He has presented his research findings at several professional meetings, including ACSM, AOSSM, NATA Annual Meeting, and several NATA District Meetings. Additionally, Kevin has completed three textbook chapters related to balance and orthopedic rehabilitation. Kevin serves on the editorial boards of three journals and chaired the NATA's Pronouncement Committee on Mild Head Injury in Sport. Kevin was the recipient of the 1997 Kenneth Knight Outstanding Research Manuscript for the Journal of Athletic Training, Recipient of the 1999 Kevin Speer, MD, New Investigator Award for Athletic Training Research, and a 2000 Recipient of the Stevens Visiting Scholar at the University of Florida. Kevin teaches courses in Gross Anatomy, Therapeutic Modalities and Evaluation of Athletic Injuries, and serves as a staff athletic trainer with the University of North Carolina Athletics Department.

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## 2001 Presenter David Draper, PhD, ATC-Therapeutic Ultrasound: Putting the Research to Work



Dr. David O. Draper, ATC, is a professor and director of the graduate program in sports medicine/athletic training at Brigham Young University, Provo, UT. Prior to this appointment, he taught at Northern Illinois University and Illinois State University. From 1988 until 1992 he served as the head athletic trainer at Illinois Wesleyan University. Dr. Draper's main love is teaching, and his favorite topics are therapeutic modalities, and evaluation of athletic injuries. An avid researcher, Dr. Draper has helped to re-write the textbooks regarding therapeutic ultrasound and diathermy. He has published nearly 40 articles in scientific journals, 16 of which presented results of his research on thermal ultrasound. Six of these articles received national awards from the Journal of Athletic Training. He has also written chapters on ultrasound and diathermy for two recently released textbooks. In 1995 he helped develop an "intelligent" ultrasound machine that makes adjustments in treatment according to dosage, much like iontophoresis (Omnisound 3000C ACP-Euromedica, Reno, NV). He also collaborated with a plastic surgeon in Santa Monica, CA, involving the use of ultrasound and diathermy to heat and soften fat prior to liposuction. In 1997 he was honored as the top researcher in the College of Health and Human Performance at BYU. Dr. Draper has been a speaker at many seminars in the United States, and in Japan and China. In 1998 he completed his second term as president of the Utah Athletic Trainers' Association. He has served as the chair of the written examination committee of the NATABOC, overseeing the development of the written certification examination for athletic trainers. As a student in 1984, he achieved the highest score possible on the NATABOC examination. During the fall of 2000 Dr. Draper spent part of his sabbatical working as an athletic trainer for the Colorado Avalanche of the NHL. He is currently a consultant to that organization. David and his wife Nancy are the parents of 5 children.