# **CURRICULUM VITAE**

# BIOGRAPHICAL

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# **EDUCATION and TRAINING**

#### **UNDERGRADUATE:**

UNDERGRADUATE	•		
Dates Attended	Name and Location of Institution	Degree Received and Year	Major Subject
9/90 - 12/94	University of Pittsburgh Pittsburgh, PA 15261	Bachelor of Science Degree, 1994	Movement Science Emphasis in Athletic Training
GRADUATE:			
Dates Attended	Name and Location of Institution	Degree Received and Year	Major Subject
8/95 - 5/97	University of North Carolina	Master of Arts Degree,	Exercise and Sports
	Chapel Hill, NC 27599	1997	Science - Emphasis in
			Athletic Training
<b>POSTGRADUATE:</b>			-
Dates Attended	Name and Location of Institution	Degree Received and Year	Major Subject
8/08 - 8/17	University of Pittsburgh	Doctor of Philosophy	Rehabilitation Science
	Pittsburgh, PA 15261	Degree, 2017	(Neuromuscular/Biomechanics core)

# **APPOINTMENTS and POSITIONS**

ACADEMIC: Years Inclusive	Name and Location	Rank/Title
7/19 – current	University of Pittsburgh School of Health and Rehabilitation Sciences Pittsburgh, PA 15260 Undergraduate Athletic Training Education Program	Assistant Professor/Program Director
3/15 - 6/19	University of Pittsburgh School of Health and Rehabilitation Sciences Pittsburgh, PA 15260 Undergraduate Athletic Training Education Program	Instructor/Program Director
8/05 - 6/19	University of Pittsburgh School of Health and Rehabilitation Sciences Pittsburgh, PA 15260 Undergraduate Athletic Training Education Program Rehabilitation Science Program	Instructor/Clinical Coordinator

NON-ACADMEMIC:		
Years Inclusive	Name and Location	Rank/Title
9/00 - 5/02	Halkida Men's Basketball Professional Basketball team Halkida, Greece	Head Athletic Trainer
8/97 – 6/00	UPMC Center for Sports Medicine Pittsburgh, PA 15203 Sites: Derry Area Schools Derry, PA 15627	Assistant Athletic Trainer
	Centers for Rehab Services Belle Vernon, PA 15012 Centers for Rehab Services Greensburg, PA 15601	
9/95 – 5/97	University of North Carolina Chapel Hill, NC 27599	Athletic Trainer Graduate Assistant Assistant Clinical Supervisor for Athletic Training Students

# **CERTIFICATION and LICENSURE**

SPECIALTY CERTIFICATION and CERTIFICATES: Certifying Board	Year
University of South Florida, Muma College of Business - Inclusive and Ethical Leadership Certificate	Fall 2022 Completion
American Red Cross Instructor Certification - Basic Life Support Instructor	2020 - current
- CPR/AED for the Professional Rescuer Instructor	2022 - current
American College of Surgeons – Committee on Trauma - Stop the Bleed Instructor Course	2019
Sports Safety International - ConcussionWise Instructor	2017 - current
Board of Certification, Inc.	
- Certification # 039502453	1995 - current
- CIE (Clinical Instructor Educator)	2007 - current
American Red Cross:	
- CPR and AED for the Professional Rescuer	1992 - current
MEDICAL or OTHER PROFESSIONAL LICENSURE:	
Licensing Board/State	Year
State Board of Medicine	1997 - current
Commonwealth of Pennsylvania	
License # RT001896A	
Last updated on 05/18/2023	

# **MEMBERSHIPS in PROFESSIONAL and SCIENTIFIC SOCIETIES**

National Athletic Trainers' Association Member1995 -	
Pennsylvania Athletic Trainers' Society Member 1997 - - Technology Committee Member	current
Eastern Athletic Trainers' Association Member 1997 -	current

# **Title of Award** Innovation in Education Award

**Year** 2009

# PUBLICATIONS

HONORS

Miller, AE: Creatine Supplementation in Athletics. Sports Medicine Update, 1996. Vol. 11, No. 3, pp. 12-16.

#### **TEACHING:**

# **PROFESSIONAL ACTIVITIES**

#### **Basic Athletic Training Class**

Summary: This course is designed to provide the student with an introduction to the athletic training profession. Topics to include, history of athletic training, duties/responsibilities of an athletic trainer, medical terminology, anatomy, mechanisms of injury, and recognition and treatment of common athletic injuries to major body parts. Hybrid course. Location: University of Pittsburgh's School of Health and Rehabilitation Sciences Students: 37-50/term, undergraduate students Classes taught/semester: 15 Semesters taught: fall, spring, summer Years taught: 2018 - current

#### **Basic Athletic Training Laboratory**

Summary: An introduction to basic taping techniques and injury evaluation techniques used in the profession of athletic training. Basic supportive strappings and paddings for immediate care and competition are presented as well as basic joint evaluation procedures, assessment of vital signs, and crutch fitting. Location: University of Pittsburgh's School of Health and Rehabilitation Sciences Students: 26-36/term, undergraduate students Labs taught/semester: 15 Semesters taught: fall, spring, summer Years taught: 2016 - current

#### **Functional Human Anatomy**

Summary: This 2-credit course utilizes the basic structural knowledge provided in Human Anatomy and concepts learned in Kinesiology and Biomechanics to develop an understanding of the functional significance of the structures of the musculoskeletal system, within a movement setting (covering mechanical properties and functional characteristics). In addition to normal function, mechanisms of and adaptations to, common injuries, disease and rehabilitation is discussed. Students: 18-24/term, graduate students Classes taught/semester: 15 Semesters taught: fall Years taught: 2022

# **Graduate Teaching Internship**

Summary: Supervised experience in a health-related educational program permitting the student to develop and present instructional materials, to experiment with innovative methods of instruction, and to evaluate the effectiveness of the presentations. Location: University of Pittsburgh's School of Health and Rehabilitation Sciences Students: 1-2/ term, graduate students Classes taught/semester: 15 Years Taught: 2017, 2018, 2022, 2023

# Administrative Aspects in Athletic Training

Summary: This course presents current administrative issues in athletic training including, but not limited to: athletic training room facility and design, record keeping procedures, personnel management and recruitment, medico-legal considerations and budgetary principles. Location: University of Pittsburgh's School of Health and Rehabilitation Sciences Students: 24/ term, undergraduate students Classes taught/semester: 14 Years Taught: 2016 - 2021

### Athletic Training Independent Study

**Summary:** Provides advanced athletic training students an opportunity to explore in depth an area of interest to them. It is the student's responsibility to find a faculty member willing to undertake such a tutorial. An individual contract will be required for each student that outlines objectives and means of achieving stated objectives in order to earn a passing grade. ATHLTR 1899 Independent study can only be taken on a Pass/Fail basis

Location: University of Pittsburgh's School of Health and Rehabilitation Sciences Students: *1-4, undergraduate students/term* Labs taught/semester: *14* Semesters taught: *fall, spring, summer* Years Taught: *2016 - current* 

# Advanced Orthopedic Assessment

Summary: This course will consist of advanced study in the assessment of orthopedic and other sports related injuries to the extremities and spine to include pathophysiology of skeletal and soft tissue insult, proprioception and neuromuscular control and an evidence-based approach to musculoskeletal evaluation, treatment and rehabilitation of sport-related injuries. The content of this course will be presented by practicing clinicians from various disciplines who are also alumni of the Athletic Training Education Program. Location: University of Pittsburgh's School of Health and Rehabilitation Sciences Students: 24/ term, undergraduate students Classes taught/semester: 14 Years Taught: 2016 - 2018

#### **Injury Evaluation and Treatment II**

Summary: The course includes anatomy, recognition, and commonly accepted techniques and procedures for the clinical evaluation of injuries to the shoulder, arm elbow, forearm, wrist, hand, head, face, cervical and thoracic spine and internal organs. Location: University of Pittsburgh's School of Health and Rehabilitation Sciences Students: 24/ term, undergraduate students Classes taught/semester: 14 Years Taught: 2015

### Kinesiology and Biomechanics course and laboratory

Summary: Introduction to kinesiology and biomechanics of the human body. The student will learn the functional anatomy and biomechanics of the major joints of the body and the application of kinesiology and biomechanics to describe and analyse normal and pathological human movement. Location: University of Pittsburgh's School of Health and Rehabilitation Sciences Students: 65-80 undergraduate students Classes taught/semester: 14 Laboratories/semester: 14 Years Taught: 2005 – 2014

# **Athletic Training Practicum 1**

Summary: The course is designed to supplement the first clinical experience and will be presented in seminar fashion to address those clinical proficiencies published in the 5th edition of the NATA Athletic Training Educational Competencies that are introduced in the first academic semester Location: University of Pittsburgh's School of Health and Rehabilitation Sciences Students: 24/ term, undergraduate students Classes taught/semester: 14 Years Taught: 2005 - 2015

# **Special Topics in Athletic Training**

Summary: This course is designed to expose the Athletic Training Student (ATS) to common medical and orthopaedic problems in Sports Medicine/Athletic Training through seminars conducted by health care professionals and in-depth look at NATA Position Statements. Location: University of Pittsburgh's School of Health and Rehabilitation Sciences Students: 24/ term, undergraduate students Classes taught/semester: 14 Years Taught: 2005 - 2015

### **Athletic Training Practicum 2**

Summary: The course is designed to supplement the second clinical experience and will be presented in seminar fashion to address those clinical proficiencies published in the 5<sup>th</sup> edition of the NATA Athletic Training Educational Competencies that are introduced in the second semester academic courses. Location: University of Pittsburgh's School of Health and Rehabilitation Sciences Students: 24/ term, undergraduate students Classes taught/semester: 14 Years Taught: 2005 - 2015

## **Athletic Training Practicum 3**

Summary: The course is designed to supplement the third clinical experience and will be presented in seminar fashion to address those clinical proficiencies published in the 5<sup>th</sup> edition of the NATA Athletic Training Educational Competencies that are introduced in the third semester academic courses. Location: University of Pittsburgh's School of Health and Rehabilitation Sciences Students: 24/ term, undergraduate students Classes taught/semester: 14

Years Taught: 2005, 2008 - 2015

#### **Athletic Training Practicum 4**

Summary: The course is designed to supplement the fourth clinical experience and will be presented in seminar fashion to address those clinical proficiencies published in the 5<sup>th</sup> edition of the NATA Athletic Training Educational Competencies that are introduced in the third semester academic courses. Location: University of Pittsburgh's School of Health and Rehabilitation Sciences Students: 24/ term, undergraduate students Classes taught/semester: 14 Years Taught: 2015

### **Rehabilitation Sciences Field Experience**

Summary: Coordinate all the Rehabilitation Science Field Experience Opportunities as well as act as an Evaluating Faculty a few each year- The undergraduate Field Experience allows the student to participate in a structured experience working with individuals with disabilities or other health care needs and with agencies and facilities that work with these individuals. Location: University of Pittsburgh's School of Health and Rehabilitation Sciences

Students: ~ 40 / year (coordinate) undergraduate students Years Taught/ Organized: 2005 – 2015 (organized), 2005-current (taught)

### **Preceptor Workshops (Formerly Approved Clinical Instructor Workshops)**

Summary: Training necessary for all incoming clinical instructors and re-training (every 3 years) for all returning clinical instructors. Workshops include: instructional style development, Athletic Training Educational competencies review, Evaluation of students performance, supervision, program /institutions specific policies, legal and ethical behaviors, communication, interpersonal relationships and appropriate clinical skills and knowledge. At the conclusion of each workshop, 4 CEUs are awarded to participants. Workshops Conducted: 2007 – 2016

### **Independent Study**

Summary: *Provides advanced students an opportunity to explore in depth an area of particular interest to them.* 

Location: University of Pittsburgh's School of Health and Rehabilitation Sciences Students: 1-4 / year, undergraduate students

Studies: 2016 – current, Basic Athletic Training Laboratory 2013 - Kinesiology Lab Assistant Internship 2010 - Autopsy Pathology Internship

# Human Anatomy and Lab

Summary: This course focuses on gross human anatomy with particular reference to the musculoskeletal system. Primarily lecture-based with laboratory experiences including use of models and cadaver prosections. Location: University of Pittsburgh's School of Health and Rehabilitation Sciences Students: 80 / term, undergraduate students Classes taught/semester: 24 Laboratories/ semester: 4 Year's taught: 2006, 2007

# Japanese Athletic Training Symposium:

Summary: One-week long symposium geared at educating 40 - 50 Japanese students on various aspects of athletic training. Present Anatomy of the lower extremity via lecture and laboratory sessions.

Location: University of Pittsburgh, Pittsburgh PA Years: 2006, 2007, 2010

#### Western Pennsylvania School for the Deaf - SMN Department Fitness Assessment Clinic

Summary: Spoke to students, faculty and staff concerning importance of flexibility and exercise. Conducted physical assessment lab for students. Location: West Pennsylvania School for the Deaf, Pittsburgh PA Year: 2007

### English Instructor at the English Language Institute

Summary: Provided instruction in English as a second language. Locations: Halkida and Artaki, Greece Years: 2002 - 2003

# **INVITED PRESENTATIONS:**

### Student Academy of Audiology Spring Conference guest presenter

Summary: Spoke to audiologists and audiology students on the topic of "Mild Traumatic Brain Injury Overview: Current Clinical Science." Location: University of Pittsburgh, Pittsburgh PA Year: 2020

# The Art and Science of Clinical Teaching: Across Health Professions Conference

Summary: Spoke to a variety of clinical educators on the topic of "Teaching the Clinical Instructor." Location: University of Pittsburgh, Pittsburgh PA Year: 2013

# **CRONS Seminar "Injury Prevention" guest presenter**

Summary: Spoke to parents and athletes concerning injury prevention during sport participation. Location: LaRoche College, Pittsburgh PA Years: 2007, 2008, 2009

### Quality of Life Seminar "Athletic Training as a Profession"

Summary: Discussed athletic training profession and demonstrated therapeutic modalities and exercises utilized in rehabilitation Location: University of Pittsburgh, Pittsburgh PA Year: 2008

# **RESEARCH:**

Dissertation Title: "Concussion as a risk factor for lower extremity musculoskeletal injury in collegiate athletes." Date of completion: July 2017. Dissertation committee members include: Mita Lovalekar, MBBS, PhD, MPH, Takashi Nagai, PhD, CSCS, Christopher Connaboy, PhD, Aaron Mares, M.D., and Timothy Sell, PhD, PT.

Thesis Title: "The acute effect of heading in soccer on postural stability and cognitive functioning." Date of completion: May 1997. Thesis committee members include Kevin Guskiewicz, PhD, ATC, William Prentice, PhD, PT, ATC and Christopher Hirth, MS, PT, ATC.

### **SERVICE:**

School of Health and Rehabilitation Sciences	
-UG Program Directors	2022 - current
-Program Directors	2020 - current
-Sports Medicine Advisory Committee	2017 - current
-Undergraduate Academic Policies Committee	2016 - current
-Educational Excellence Advisory Council	2016 - current
-Thesis Defense Moderator (MS in Sports Medicine)	2021 - current
-Nutrition & Dietetic Advisory Board	2017 - 2021
-Clinical Coordinators Committee Member	2005 - 2015
University Senate	
-Athletics and Recreation Committee Member	2018 - current
-Advisory Committee for Admission of Student Athletes	2019 - current
-Legislative Committee for Athletics – Liaison	2018 - current
-University Senate Educational Policies Committee Member	2008 - 2018
Faculty Advisor, University of Pittsburgh	
-Pitt Club Softball	2022 - current
-Athletic Training Student Association	2015 - 2021
-Panther CrossFit	2014 - 2016
-Sigma Sigma Sorority	2014 - 2015
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Grand Awards Judge -INTEL International Science and Engineering Fair	2015
Pittsburgh Regional Science & Engineering Fair Judge -Senior Division (Medicine/Health/Microbiology) -Intermediate Division (Behavioral and Social Science) -Junior Division (Physical Science)	2022 2018 2014
Reviewer, NATA Annual Meeting & Symposia -Feature Presentations	2013
NATAREF Free Communications Student Awards judge: -Master's Category at NATA Conference	2012, 2013
Pennsylvania Athletic Trainers Society -Technology Committee -Corporate Sponsorship Committee	2011 - current 2009 - 2013
NAEMSE Foundations of Education -Chapter Reviewer	2010
Faculty Mentor -2-3 Rehabilitation Science Students/semester	2005 - current
University of Pittsburgh Alumni Society (Lifetime Member)	current
University of North Carolina Alumni Society	current