

DANIEL J. BAER, MS, LAT, ATC

313 Sturzebecker Health Sciences Center
West Chester University of Pennsylvania
West Chester, PA 19383
dbaer@wcupa.edu

EDUCATION

Indiana University of Pennsylvania

Administration & Leadership Studies Ph.D. Program
Currently enrolled: 52 credits (at conclusion of spring 2016 semester)

Indiana, PA
July 2013- present

University of Pittsburgh

Master of Science in Health & Rehabilitation Sciences
Concentration in Sports Medicine

Pittsburgh, PA
April 26, 2009

West Chester University of Pennsylvania

Bachelor of Science in Athletic Training, Summa Cum Laude
CAATE Accredited Program

West Chester, PA
May 12, 2007

PROFESSIONAL RESPONSIBILITIES

West Chester University of Pennsylvania

Instructor of Sports Medicine
College of Health Sciences; Department of Sports Medicine

West Chester, PA
Aug. 2009- present

Teaching Responsibilities

SMD 100: Foundations of Sports Medicine (Fall 2014- present)

Lecture (2.0)

- Introductory course to familiarize incoming athletic training undergraduate students with the domains of athletic training and the importance of evidence-based practice in sports medicine.

SMD 210: Psychosocial Perspectives of Sport/Recreational Injuries (Spring 2014- present)

Lecture (3.0)

- Course presents active individuals with information on the incidence, prevention, and management of sports/recreational injuries, while also addressing the psychological impact and sociological factors affecting healthcare delivery.

SMD 313: Pathology and Evaluation of Athletic Injury/Illness III (Summer 2013- present)

Combined Lecture and Laboratory (3.0)

- Course material includes pathology and evaluation of injuries to the head, neck, and trunk, as well as skills related to the clinical practice of athletic training.

SMD 272: Athletic Training Techniques (Spring 2012- Fall 2013; Fall 2015)

Combined Lecture and Laboratory (3.0)

- Course is designed to develop athletic training skills for beginning athletic training students. Course material includes basic knowledge and skills essential for taping, wrapping, padding, and supporting athletic injuries, and also covers aspects of anatomy and functional movement as well as an introduction to therapeutic modalities.

SML 310: Therapeutic Modalities Lab (Summer 2011- Summer 2012; Spring 2015)

Laboratory Section only (1.0)

- Course material includes the instruction and demonstration of properly applying various physical agents intended to optimize tissue healing based on the clinician's assessment of the nature of a pathology, the tissues involved, and the stage of healing.

SMD 204: First Aid for Health Professionals (Spring 2010- present)

Lecture and Laboratory Sections (3.0)

- Course material includes the instruction of appropriate first aid and basic life support procedures based on ASHI certification standards and is intended to prepare future health professionals to respond appropriately to medical emergencies that require first aid.

SMD 271: First Aid & Athletic Training (Fall 2009- present)

Combined Lecture and Laboratory (2.0)

- Course material includes the instruction of appropriate first aid and CPR procedures based on ASHI certification standards. Students develop a basic understanding of athletic training and the role of an athletic trainer in the traditional setting, and they learn to describe the causes, signs & symptoms, initial management, and prevention of common athletic injuries.

SMD 316: Athletic Injury Management II (Spring 2014)

Lecture (3.0)

- Course coincides with athletic training student clinical experience and includes case study presentations of injuries, illnesses, and/or other conditions.

Course Development

- Office of Distance Education & Instructional Design 2015-16 Distance Education Initiative to develop SMD 204: First Aid for Health Professionals as a blended course.
- Developed and obtained CAPC approval for SMD 502: Prevention & Care of Injuries & Illnesses for new WCU entry-level Master of Science in Athletic Training program beginning in Fall 2017. This will be a blended course consisting of online lectures and face-to-face laboratory sessions.
- Prepared and obtained CAPC approval for conversion of SMD 100: Foundations of Sports Medicine to a blended format (2015).
- Prepared and obtained CAPC approval to offer SMD 271: First Aid & Athletic Training in a condensed format (2013).
- Developed flipped lesson plans and online content for:
 - SMD 100: Foundations of Sports Medicine
 - SMD 313: Pathology & Evaluation of Athletic Injury/Illness III
 - SMD 210: Psychosocial Perspectives of Sport/Recreational Injuries
- Developed supplemental online teaching materials for:
 - SMD 271: First Aid & Athletic Training
 - SMD 204: First Aid for Health Professionals

Clinical Athletic Training Responsibilities

- WCU Football Athletic Trainer (2014- present)
- WCU Women's Rugby Athletic Trainer (2009- present)
- Provided athletic training services for Men's & Women's Tennis, Men's & Women's Golf (2009-2015), Women's Soccer training camp (2010-2013), Women's Gymnastics (2011), and Men's & Women's Cross Country (2009-10).
- Responsibilities include competition/practice coverage, travel, administrative duties, prevention, evaluation, treatment, and rehabilitation of athletic injuries, referrals/communication with team physicians, and supervision of undergraduate athletic training students and graduate assistant ATs.

Mentorship Roles

Sports Medicine Graduate Assistant Supervisor (Fall 2014- present)

- Oversight, scheduling, and weekly meetings with WCU graduate assistant certified athletic trainers.

Clinical Preceptor/Approved Clinical Instructor (Fall 2009- present)

- Responsible for supervision and clinical education of students enrolled in the Undergraduate Athletic Training Education Program.

Student Technology

- Obtained 30 iPads from Academic Computing Services to be used in the classroom for various sports medicine courses in Winter 2015-16 and Spring 2016.

- Obtained 20 iPads from Academic Computing Services to be used for administering surveys and playing review games with students during the 2015 WCU Health Sciences Summer Academy. These iPads were also used in the Fall 2015 semester for review activities in SMD 272: Athletic Training Techniques.
- Obtained 5 user licenses in 2014 for the C3 Logix concussion evaluation iPad application through the student technology fee. The application utilizes the iPad's gyroscope, accelerometer, and touch screen to assess patients' balance, postural sway, reaction time, coordination, and cognitive function. Undergraduate athletic training students have utilized this software as part of their clinical education in SMD 315, SMD 316, SMD 417, and SMD 418.

American Safety & Health Institute Instruction

August 2009- present

CPR & First Aid Certification Instructor

- WCU Undergraduate Athletic Training Education Program (2010- present)
- WCU Athletic Department Coaching Staff (2009- present)
- Upper Dublin Family Dentistry, Willow Grove, PA (2012, 2015)

University of Pittsburgh

Pittsburgh, PA

Graduate Assistant

Aug. 2007- May 2009

School of Health and Rehabilitation Sciences; Department of Sports Medicine & Nutrition

Clinical Athletic Training Responsibilities

- Provided athletic training services for NCAA Division I Varsity Baseball.
- Responsible for game and practice coverage, travel, administrative duties, prevention, evaluation, treatment, and rehabilitation of athletic injuries, injury referrals, counseling referrals, supervision of undergraduate athletic training students, and coordinating University of Pittsburgh injury clinic and working with physicians to facilitate specialist referrals and the ordering of diagnostic tests.
- NCAA Division I Football – Responsibilities included summer practice coverage and coordinating treatment and rehabilitation during off-season conditioning.
- NCAA Division I Wrestling and Volleyball –Part-time competition/practice coverage and travel.
- NCAA Division I Women's Basketball, Softball, and Gymnastics – Occasional practice coverage.

Teaching Experience

REHSCI 1200: Human Anatomy (2008)

Lecture and Laboratory (4.0)

- Course focused on gross human anatomy with particular reference to the musculoskeletal system. Course material was primarily lecture-based, with some laboratory experience utilizing observation and palpation of previously dissected cadavers.

ATHLTR 1812: Basic Athletic Training (2007-09)

Laboratory Section only (1.0)

- Assisted with administration and grading of practical exams for students demonstrating basic athletic training skills such as taping and bracing for various musculoskeletal injuries.

Approved Clinical Instructor (2008-09)

- Responsible for supervision and clinical education of students enrolled in the Undergraduate Athletic Training Education Program.

Additional Clinical Experience/Athletic Training Activities

First Aid/First Responder Services for:

- Eastern Pennsylvania Rugby Union Women's Under-19 All-Star team Tryouts (2011)
- West Chester University Football Camps (2010)
- Susquehanna Valley Sports Camps (2010)
- University of Pittsburgh community youth programs: P.A.C.K., Saturday's Kids, P.A.W.S., and P.L.A.Y.E.R.S. programs (2007-09)

Athletic Trainer for baseball and football camps/showcases hosted by University of Pittsburgh (2007-09)
Gatorade Summer Sports Camps Program: Team Leader (2008)
Athletic Training services for Shadyside Academy Ice Hockey (2007-08)

SCHOLARSHIP

Refereed Journal Publications

- **Baer, DJ.** Dynamic ulnar impaction syndrome in a collegiate baseball player. *International Journal of Athletic Therapy & Training*. 2014;19(3):15-19. <http://dx.doi.org/10.1123/ijatt.2013-0106>.
- **Baer, DJ.** Dynamic ulnar impaction syndrome in a collegiate baseball player: A case report [abstract]. *Journal of Athletic Training*. 2013;48(3):S139.

Refereed Presentations

- **Baer DJ, McGuire LC.** Using a Flipped Course to Teach Evidence-Based Practice. Oral presentation at RECAP. May 2015; West Chester, PA.
- Byrnes CO, **Baer DJ.** The Relationship between Functional Movement Score and Performance and How they are Affected by an Intervention. Poster presentation at WCU Research Day. April 2016; West Chester, PA.
- **Baer DJ, McGuire LC.** Using a Flipped Course to Teach Evidence-Based Practice in Face-to-Face and Synchronous Distance Education. Oral presentation at the Pennsylvania Distance Learning Association Annual Conference. December 2015; West Chester, PA.
- **Baer DJ.** Cultural Influences on Concussion Reporting Behaviors in Sports. Feature presentation at Pennsylvania Athletic Trainers' Society Annual Meeting & Clinical Symposium. June 2015; Gettysburg, PA.
- **Baer DJ.** Dynamic Ulnar Impaction Syndrome in a Collegiate Baseball Player. Oral presentation at National Athletic Trainers' Association 64th Annual Meeting & Clinical Symposium. June 2013; Las Vegas, NV.
- **Baer DJ.** Dynamic Ulnar Impaction Syndrome in a Collegiate Baseball Player. Oral presentation at Pennsylvania Athletic Trainers' Society Annual Meeting & Clinical Symposium. June 2012; Lancaster, PA.
- Morrison KE, Fowkes-Godek S, Sugarman ES, Sikka R, Roche R, Scullin G, **Baer D**, Burkholder R. Core Temperature Responses in NFL Players on Two Different Teams Practicing in Different Environmental Conditions during Pre-Season. Oral presentation at National Athletic Trainers' Association 62nd Annual Meeting & Clinical Symposium. June 2011; New Orleans, LA.

Non-Refereed Presentations

- Invited presenter: 15th Annual Multicultural & Diversity Awareness Conference, Diversity Representation in the Health Sciences. April 23, 2016; Kennett High School, Kennett Square, PA.
- Invited presenter: 4th Annual Main Line Health Healthcare Disparities Colloquium. May 28, 2015; The Annenberg Center for Medical Education, Bryn Mawr, PA
- Presentation to pharmaceutical representatives at Main Line Health: Proposal for 2015 WCU Health Sciences Summer Academy. January 2015; The Annenberg Center for Medical Education, Bryn Mawr, PA
- WCU Information Services presentation: Technology in the Classroom, Using iPads to Evaluate Concussions. November 2014; West Chester, PA
- Presentation to WCU College of Health Sciences Advisory Board: Update on the WCU Health Sciences Summer Academy. October 2014, West Chester, PA

- Postural Assessment and Range of Motion Evaluation for Baseball Pitchers. Continuing Education presentation for the University of Pittsburgh Sports Medicine and Strength & Conditioning staff. March 2009; Pittsburgh, PA
- Lecture on hydration and proper fluid replacement strategies for Pittsburgh-area high school athletes participating in Adidas Elite Camps and Recruits Unlimited Football Academy. 2008; Pittsburgh, PA

Scholarships & Awards

- WCU Academic Advising Appreciation Award (2016)
- Online/Blended Teaching with Technology Excellence Showcase Award (2016)
- Eastern Athletic Trainers' Association Francis J. George Scholarship Award (2016)
- Pennsylvania Athletic Trainers' Society Phillip B. Donley Scholarship Award (2007)
- Henry Schein Inc. Eastern Athletic Trainers' Association Wes Jordan Scholarship Award (2007)
- Phillip B. Donley Outstanding Senior Athletic Training Student Award (2007)
- Dr. and Mrs. Charles S. Swope Memorial Scholarship (2006)
- Union League of Philadelphia Good Citizenship Award (2003)

Grants

- WCU College of Health Sciences Student Faculty Research Award- Effects of a Summer Academy on Positive Youth Development in Minority Youth. Funded: \$1,000, April 2016
-
- WCU College of Health Sciences Scholarship of Teaching Award- Using Functional Movement Screening (FMS) to Educate Undergraduate and Graduate Students in FMS Interventions and Data Collection Procedures. Co-author. Funded: \$1,705.66, March 2014.
- WCU College of Health Sciences Dean's Award for New Initiatives- Health Sciences Summer Academy (HSSA) in support of diversity to introduce under-represented minority youths to potential academic and professional careers in health sciences. Co-author. Funded: \$10,000, March 2014.

Master's Thesis Mentoring

Thesis Committee Chair

- Smith, CE. Validation of the Rosenbaum Concussion Knowledge & Attitudes Scale, Student Version in a College Population (2015-present)
- Byrnes, CO. The Effect of a Functional Movement Screen Intervention Program on FMS Scores and Performance Measures in Collegiate Women's Rugby. Thesis Committee Chair (2013-15)

Thesis Committee Member

- Abbott, JC. Evaluating Accuracy, Precision, and Practicality of a Near Infrared Spectroscopy device on Blood Lactate Levels. Thesis Committee Member (2015-16)
- Errickson, AB. Ankle Reported Outcomes Over the Course of a Competitive Season in Participants With and Without an Ankle Injury. Thesis Committee Member (2015-16)
- Stout, LE. The Effects of Hypohydration on Performance Measures in Male and Female Ice Hockey Players. Thesis Committee Member (2013-15)

Scholarly Collaboration with Undergraduate Students

- Jackson RH, Smith JS, **Baer DJ**. An International Football Player's In-Season Management of Type I Diabetes Mellitus: A Case Report. Submitted for consideration as a poster presentation at the 2015 Eastern Athletic Trainers' Association Annual Meeting & Clinical Symposium.
- O'Dell S, **Baer D**, Dubas R, Smith J. Rotator Cuff Tear and Scapular Avulsion Fracture in a Collegiate Football Player. Oral presentation at 11th Annual Pennsylvania Athletic Trainers' Society Student Symposium. March 2015; California, PA.

- Schroeder RA, Ingram MJ, **Baer DJ**. Partial Rupture of the Rectus Femoris Tendon in a Female Collegiate Rugby Player. Poster presentation at Pennsylvania Athletic Trainers' Society Annual Meeting & Clinical Symposium. June 2014; Gettysburg, PA.
- O'Neill SA, **Baer DJ**. Anxiety-Induced Hyperventilation and Carpopedal Spasm in a Collegiate Rugby Player. Oral presentation at 9th Annual Pennsylvania Athletic Trainers' Society Student Symposium. April 2013; Indiana, PA.
- Bader A, Gardiner-Shires A, **Baer D**. Cardiac Syncope in a Female Cross Country Runner. Oral presentation at 6th Annual Pennsylvania Athletic Trainers' Society Student Symposium. April 2010; University Park, PA

Additional Research Experience

- McCann J, Fowkes Godek S, McCrossin J, Raffa S, Morrison K. Blood Lactate Responses to Cold Water Immersion and Biking compared to Controls in Professional Ice Hockey Players after High Intensity Skating. [master's thesis]. West Chester, PA: West Chester University; 2012.
 - Assisted with data collection.
- **Baer, DJ**. Controlling Delayed Onset Muscle Soreness in Baseball Pitchers. [master's project]. University of Pittsburgh: Pittsburgh, PA; 2009.

Professional Development

- National Athletic Trainers' Association Annual Meeting & Clinical Symposium, 2010-11, 2013, 2016
- PA Athletic Trainers' Society Annual Meeting & Clinical Symposium, 2007, 2010-12, 2015-16
- Eastern Athletic Trainers' Association Annual Meeting & Clinical Symposium, 2007, 2015-16
- 13th Annual Pennsylvania Distance Learning Association Annual Conference & Expo. Dec. 2015
- NATA Evidence-Based Practice in Athletic Training, Level 2 online workshop, December 2015
- NATA Evidence-Based Practice in Athletic Training, Level 1, Part 1 online workshop, Nov. 2015
- WCU PIVOT training for research funding opportunities, West Chester, PA, October 2015
- WCU College of Health Sciences Curriculum Vitae Workshop, West Chester, PA, October 2015
- West Chester University New Faculty Orientation, West Chester, PA, August 2015
- PA State Athletic Conf. seminar with Dr. Brian Hainline, NCAA Chief Medical Officer, Aug. 2015
- WCU Athletic Training Education Program Clinical Preceptor Workshop, June 2015
- WCU Health Conference "Brain Health: The Art & Science of Concussion," April 2015
- 2nd Annual Concussion in Sport: The Latest in Diagnosis & Management, NYU, Feb. 2015
- WCU Office of Training & Organizational Development TED Leadership Video Series, 2015
- Pedagogical Practices for Writing Transfer: A Workshop for "W" Faculty, WCU, August 2014
- Rothman Institute/Philadelphia Phillies Annual Sports Medicine Conference, Phila., PA, 2012-14
- Instrument Assisted Soft Tissue Mobilization Training Workshop, West Chester, PA, January 2014
- WCU "Current Topics in Sports Medicine" Conference, West Chester, PA, November 2013
- WCU Athletic Training Education Program Preceptor Workshop, West Chester, PA, June 2013
- Aria 3B "Current Topics in Sports Medicine" Conference, West Chester, PA, January 2013
- Rothman Institute/Philadelphia Eagles 7th Annual Sports Medicine Symposium, June 2012
- West Chester University Online Faculty Development Program, West Chester, PA, January 2012
- WCU Athletic Training Program Approved Clinical Instructor Workshop, June 2011

Professional Memberships

- National Athletic Trainers' Association (2005-present) Member # 22339
- Eastern Athletic Trainers' Association (2005-present)
- Pennsylvania Athletic Trainers' Society (2005-present)

Certifications & Licensure

- Commonwealth of Pennsylvania Licensed Athletic Trainer (2007-present) License # RT004179
- BOC Certified Athletic Trainer (2007- present) Certification # 070702720

- American Safety & Health Institute Level 7 Instructor (2009-present) Registry # 84397
 - Basic Life Support & Emergency Medical Response
- American Safety & Health Institute Certified CPR Pro Professional Rescuer (2004-present)
- NPI # 1720365372
- Sport Safety International Authorized ConcussionWise Instructor (2015-present)

SERVICE

Departmental Service (West Chester University Department of Sports Medicine)

- Continuing Education Committee (2015- present)
- Athletic Training Skills Lab Policies & Procedures Committee member (2015)
- Chair, Key Performance Indicator Laboratory Funding Committee (2015)
- Graduate Assistant Committee member (2014- present)
- Sports Medicine Scholarship Committee member (2013- present)
- Athletic Training Model Evaluation Committee member (2013- 2014)

College Service (West Chester University College of Health Sciences)

- Student & Faculty Success & Retention Committee member (2015)
- Faculty Honors & Awards Committee member (2015)
- Innovation Funding Committee member (2015)

Professional Service

- Pennsylvania Athletic Trainers' Society Corporate Sponsorship Committee Member (2016- present)
- Eastern Athletic Trainers' Association Quiz Bowl Committee Member (2015- present)
- Co-Chair, Food Committee for WCU Athletic Training Club Golf Outing Fundraiser (2013- present)
- Co-Organizer of WCU "Current Topics in Sports Medicine" continuing education conference (2013)
- Developed protocol for evaluating scapular position, scapular motion, glenohumeral range of motion, and overall posture of overhead athletes at the University of Pittsburgh (2009)
- Moderator at Pennsylvania Athletic Trainers' Society Annual Meeting & Clinical Symposium (2007)

Community Service

- Director of WCU Health Sciences Summer Academy: Program designed to introduce underrepresented minority youth students to possible academic and professional opportunities in the health sciences (2014-present)
- Career Fair Presenter at Kennett Middle School, Kennett Square, PA (2016)
- CPR & AED certification training (ASHI) for WCU College of Health Sciences staff (2015)
- CPR & AED certification training (ASHI) for Coatesville Area Senior Center staff (2014)
- Service Learning Coordinator for "WCU First Aid Night" for the Girl Scouts of Eastern Pennsylvania (2009-11, 2013- present)
- Volunteer for the Flyers Wives Fight for Lives Carnival (2007, 2010- present)
- Career Day Speaker at Bayard Rustin High School, West Chester, PA (2012)
- Career Day Speaker at Archbishop Carroll High School, Radnor, PA (2012)