

CURRICULUM VITAE  
University of Pittsburgh  
School of Health and Rehabilitation Sciences

**BIOGRAPHICAL**

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**EDUCATION and TRAINING**

**UNDERGRADUATE:**

1996- 2000	West Virginia Wesleyan College	Bachelor of Science Athletic Training
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**GRADUATE:**

2000-2002	James Madison University	Master of Science Kinesiology/Athletic Administration
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**POSTGRADUATE:**

2008-2010	Nova Southeastern University	Doctor of Health Science
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## **APPOINTMENTS and POSITIONS**

### **ACADEMIC:**

2013- Present      University of Pittsburgh      Assistant Professor/Non-Tenure  
Department of Sports Medicine and Nutrition

### **NON-ACADEMIC:**

2012-2013      Loyal Source Government Services Contract Athletic Trainer  
United States Coast Guard Training Center  
Health, Safety, and Work- Life Cape May

2006-2012      RGB Group Inc      Contract Athletic Trainer  
United States Coast Guard Training Center  
Health, Safety, and Work-Life Cape May

2002-2006      University of Louisville      Assistant Athletic Trainer  
Sports Medicine Department

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## **CERTIFICATION and LICENSURE**

### **SPECIALTY CERTIFICATION:**

National Athletic Trainers' Association Board of Certification      2000-Present

### **MEDICAL or OTHER PROFESSIONAL LICENSURE:**

Board of Medical Licensure/Kentucky      2002-Present

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## **MEMBERSHIP in PROFESSIONAL and SCIENTIFIC SOCIETIES**

National Athletic Trainers' Association      1998-Present

Armed Forces Athletic Trainers' Society      2010-Present

The Athletic Trainers Association of Florida      2013-2016

Southeast Athletic Trainers' Association      2013-2016

## HONORS

United States Coast Guard Health, Safety, and Work Life Cape May  
Civilian of the Quarter

Oct-Dec 2012

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## ARTICLES AND PUBLICATIONS

### ABSTRACTS:

1. Rafferty DM, Simonson AJ, **Wohleber MF**, Heebner NR, Sell TC, Abt JP, Lephart SM. The effects of trunk and lower extremity strength on optimal landing mechanics during a one-legged drop landing task in Air Force Special Tactics Operators. *National Athletic Trainers' Association Annual Meeting*. June 23-25, 2015. St. Louis, MO.
2. Sell TC, Sell MA, Abt JP, Rafferty D, Simonson A, **Wohleber M**, Lovalekar M, Lephart SM. Injury Epidemiology of Unintentional Musculoskeletal Injuries in United States Air Force Special Tactics Forces. *American College of Sports Medicine 62nd Annual Meeting*. May 26-30, 2015. San Diego, CA.
3. Heebner NR, Sell TC, Lovalekar M, Abt JP, Rafferty DM, Simonson AJ, **Wohleber MF**, Lephart SM. Comparison of knee kinematics and kinetics during different landing tasks. *National Athletic Trainers' Association Annual Meeting*. June 23-25, 2015. St. Louis, MO.
4. Johnson C, Williams V, Heebner NR, Rafferty D, **Wohleber M**, Simonson A, Reinert A, Sell TC. The relationship between performance on the Sensory Organization Test and landing biomechanics during a single- and double-leg stop-jump. *The 2016 American Physical Therapy Association's Combined Sections Meeting*. February 17-20, 2016. Anaheim, CA.
5. Lovalekar M, Sell T, **Wohleber M**, Rafferty D, Simonson A. Descriptive epidemiology of musculoskeletal injuries among Air Force Special Operations Command Operators and the impact of these injuries on healthcare utilization. *2016 Epidemiology Congress of the Americas*; June 21-24, 2016. Miami, FL.

### CONFERENCE/SYMPOSIA PRESENTATIONS:

1. *Asthma in Collegiate Athletics*. American Lung Association of Kentucky, Pulmonary Care Symposium, 2006 Lexington, Kentucky.
2. *On-site evaluation and diagnostic testing in asthmatic athletes*. Dr. Douglas David Pulmonary Symposium, 2006 Jewish Hospital, Louisville, KY

3. *Bilateral lower leg pain: Softball.* American College of Sports Medicine Annual Meeting, 2005 Nashville, TN.
  4. *To brace or not to brace following ACL reconstruction: A poster presentation.* West Virginia Athletic Trainers' Association Annual Conference, 1999 Buckhannon, WV.
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## **PROFESSIONAL ACTIVITIES**

### **TEACHING:**

1. US Coast Guard Training Center Cape May, NJ
  - I. Navy Operational Fitness and Fueling Series Program
    - Approx. 20-25 Adult learners
    - Approx. 1-2 contact hours
    - 2 lectures in 1 quarter, 2012
  - II. Injury Prevention Course, Company Commander School
    - Approx. 8-10 Adult learners
    - Approx. 2-2.5 contact hours
    - 1 lecture per year 2007-2012
  - III. Injury Prevention, Unit Health Promotion Coordinator Series
    - Approx. 10 Adult learners
    - Approx. 2-2.5 contact hours
    - 1 lecture, 2012
  - IV. Injury Prevention, Base Community Health Fair
    - Community Health Fair
    - Approx. 2-2.5 contact hours
    - Informational booth with demonstrations, 1 per year, 2011-2012
  - V. Injury Prevention department course, USCG LORAN Station
    - Approx. 10-15 Adult learners
    - Approx. 2-2.5 contact hours
    - 1 lecture, 2007
2. Upper extremity, Clinical Techniques II, guest lecturer, Athletic Training Program, West Virginia Wesleyan College
  - Approx. 6-8 Students, Undergraduate Athletic Training Program
  - 1 contact hour
  - 1 lecture, Spring semester 2010
3. NCAA Banned Substance Class, University of Louisville
  - Approx. 20 Undergraduate Students

- 1 contact hour
  - 1 lecture per academic year, 2004-2005
4. Clinical Preceptor, Neumann University Semester student clinical rotation
    - 1 Undergraduate Student, Athletic Training Program
    - 20 contact hours per week
    - 1 Spring semester term, 2011
  5. Clinical Preceptor, West Virginia Wesleyan College January term Student Internship
    - 1 Undergraduate Student, Athletic Training Program
    - 20-25 contact hours per week
    - 1 January term, 2008
  6. James Madison University undergraduate athletic training program, Approved Clinical Instructor
    - 1-2 Undergraduate Students, Athletic Training Program
    - 20 contact hours per week
    - Fall, Spring semester terms 2000-2002

**RESEARCH:**

**1. Current Grant Support:**

<b>Grant Number (Funded)</b>	<b>Grant Title</b>	<b>Role in Project &amp; % of Effort</b>	<b>Years Inclusive</b>	<b>Source \$ Amount</b>
W81XWH-15-C-0179	USASOC Injury Prevention/Performance Optimization Musculoskeletal Screening Initiative	Co-Investigator (K Beals, PI) 100% Effort	2016-2017	USAMED Research, US Army

***Prior Grant Support:***

FA8650-12-2-6271	AFSOC Injury Prevention and Human Performance Research Initiative	Co-Investigator (C Connaboy, PI) 100% Effort	2012-2016	711th Human Performance Wing, Human Effectiveness Directorate, Biosciences and Performance Division Development Award, US Air Force \$ 2,998,550 (Direct and Indirect Costs)
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**2. Seminars and invited lectureships**

- *University of Pittsburgh/Air Force Special Operations Command (AFSOC) Research Initiative. AFSOC Command Brief, Injury Epidemiology review, October 2015, Hurlburt Field, FL.*

- *University of Pittsburgh Warrior Human Performance Research Laboratory: Task and Demand Analysis*. AFSOC Command briefing, November 2013, Hurlburt Field, FL.

**LIST of CURRENT RESEARCH INTERESTS:**

- 1) Prevention of musculoskeletal injury in the military
- 2) Injury prevention protocols/programming for military/elite athletes
- 3) Injury prevention screening for active populations

**SERVICE:**

**1. Community Activities**

- Big Brother Big Sister of Northwest Florida
  - volunteer and mentor 2013-2016
- St. Sylvester Catholic Church, parishioner and volunteer 2013-2016
  - Columbiette Auxiliary Executive Board Member 2014-2016
    - (Knights of Columbus affiliation)
- St. Anthony of Padua Catholic Church, parishioner and volunteer 2016-present