

# JAMIE L. BARTLETT, Ph.D., M.B.A.

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## EDUCATION

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**METROPOLITAN STATE UNIVERSITY**, St. Paul, MN

- MA, Nonprofit Leadership and Management, 2021

**UNIVERSITY OF COLORADO**, Boulder, CO

- MBA, Entrepreneurship and Sustainability, 2015
- Ph.D., Integrative Physiology, 2007
- M.S. Kinesiology, 2003
- B.A. Kinesiology, Political Science, 2001

## MILITARY TRAINING

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**Basic Medical Department Officers Course**, 2011

**Marine Corps Mountain Warfare Training Center Mountain Medicine Course**, 2010

**US Agency for International Development (USAID) Joint Humanitarian Operations Course**, 2010

## CERTIFICATIONS

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2020

**TEXAS A&M, ENGINEERING EXTENSION SERVICE**

FEMA ICS-300: Intermediate ICS for Expanding Incidents

2019

**US SOCCER FEDERATION**

National D License

2015

**NATIONAL FEDERATION OF HIGH SCHOOL ASSOCIATIONS**

Level 1 Track and Field Coach

2009

**DEPARTMENT OF DEFENSE**

Medical Ethicist Qualification

## WORK EXPERIENCE

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2022 – present

**GONZAGA UNIVERSITY**, Spokane, WA

**Director, Lincoln LGBTQ+ Resource Center**

- Student Affairs Diversity, Equity and Inclusion Pillar
- Mentorship and supervision of Center students
- Programming for DEI topics around the university

2021 – present

**EASTERN WASHINGTON UNIVERSITY**, Cheney, WA

**Wellness and Movement Sciences, Lecturer**

- Courses: Mechanical Kinesiology, Graduate Research Methods, Sports Nutrition, Training & Periodization

2020 – 2021

**MINNESOTA CUP**, Minneapolis MN

**Program Coordinator**

- Manage educational events, mentorship, and competition programming
- Facilitate success of new startups across the state of Minnesota

2019 – 2021

**BVU Soccer Club**, Burnsville MN

**Head Soccer Coach**

- U12-U14 Girls State Teams

2019 – 2021

**SAINT PAUL ACADEMY**, St Paul MN

**Substitute Teacher**

- Subjects: Math, Chemistry, Biology, History, Literature, Art

2018 – 2019

**SKRATCH LABS**, Boulder CO

**Research and Product Development, Marketing and Design**

- New food product concepts from launch, project management and KPIs
- Special project campaigns with sponsored athletes

- 2015 – 2019 **UNIVERSITY OF COLORADO**, Boulder, CO  
**Department of Integrative Physiology, Instructor**
- Taught undergraduate courses (IPHY 2420: Nutrition Health and Performance)
  - Partner with local food organizations, community gardens, and food pantries
- 2016 – 2018 **KITABLES**, Boulder, CO  
**Chief Operating Officer**
- Oversaw operations for \$350K STEM startup
  - Developed Build N' Brews Event Series for community engagement in STEAM
  - Successfully funded Kickstarter Project <http://kck.st/2jL3CoM>
- 2015 – 2016 **THE18.COM**, Boulder, CO  
**Freelance Writer**
- 2013 **Point Loma Nazarene University**, San Diego, CA  
**Department of Kinesiology, Adjunct Professor**
- KIN3040: Physiology of Exercise
- 2008 – 2015 **NAVAL HEALTH RESEARCH CENTER**, San Diego, CA  
**Dept. Medical Modeling, Simulation & Mission Support (2012 – 2015)**  
**Project Development / Epidemiologist**
- Project development on the relationships between gender, fitness, performance, and injury.
  - Training and consumption habits in US Marines
  - Repeal of the Combat Exclusion Policy for women
- Department of Warfighter Performance (2008 – 2012)**  
**LT, USN, Medical Service Corps (1835D)**  
**Operations Officer / Research Physiologist**  
**Principle Investigator**
- Managed and executed \$7.8M of the BUMED Wounded Ill and Injured comprehensive work effort developing a series of projects to study deficiencies and rehabilitation strategies of warfighters suffering with mild TBI
  - PI on \$1.8M (DHPe 6.7) work effort to expand immersion technologies for rehabilitation and reset of the wounded warrior
  - PI on 18 research protocols
  - Conducted first post-deployment Third Location Decompression program evaluation within the Naval Special Warfare (SEAL/S) community
  - Established Department of Defense's first "normal" biomechanical database in a virtual environment for comparison to combat wounded, presenting multiple abstracts of this work
- Leadership**
- Assumed position of a more senior officer executing the role as Warfighter Department Operations Officer, managing 40 scientists and support staff and overseeing an annual budget of \$12M
  - Acting department head in the extended absence of superior and integral to leadership turnover
  - Wrote and implemented labor contract for \$1.6M to employ contract staffs for 18 months
  - Direct supervisor of 3 project managers, 2 engineers and 8 research assistants; academic mentor to undergraduate and high school interns
- Project Development**
- Managed the successful completion of the \$1.3M Warfighter Lab renovation and installation of the Computer Assisted Rehabilitation Environment (CAREN)
  - Supervised the design and reconstruction of newly acquired building space on the Third Fleet Complex increasing functional lab space by 12,000 square feet, enhancing the overall command capabilities with the addition of a sleep observation lab, EEG study room, exercise physiology and physical stress test lab
  - Initiated collaborations with local medical treatment facility, NMCSO Comprehensive Combat and Complex Casualty Care for the first CAREN clinical research study of brain-injured warriors
  - Initiated a virtual environment user group forum with Walter Reed National Naval Medical Center, The Center for the Intrepid and the National Intrepid Center of Excellence to streamline research goals and facilitate collaboration among clinicians and researchers
- 2004-2007 **University of Colorado, Boulder, CO**  
**Locomotion Laboratory, Doctoral Candidate/ Research Assistant**

2003-2006 **University of Colorado Health Science Center, Denver, CO**  
**Center for Clinical Excellence, Gynecological Teaching Assistant**

2003-2004 **University of Colorado Health Science Center, Denver, CO**  
**Department of Geriatrics, IMAGE group, Professional Research Assistant**

2002-2003 **University of Colorado, Boulder**  
**Graduate Teaching Assistant, Biomechanics**

2003 **24 Hour Fitness**  
**Athletic Trainer**

2001-2002 **University of Colorado, Boulder**  
**Graduate Teaching Assistant, Nutrition, Health and Performance**

1998-2000 **Emergency Care Room, CU Boulder**  
**Emergency Medical Technician, Athletic Trainer**

## **VOLUNTEER**

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2019 – present **TWIN CITIES PRIDE**, Minneapolis, MN

- Manage and support LGBTQ+ activities around the state of Minnesota

2015 – present **TEAM RUBICON**, Region VIII, Region V

- Global and Local Disaster Mitigation and Response
- Deployments to Colorado, Puerto Rico, Bahamas, COVID-19 Response

2014 – 2017 **CITY OF LOUISVILLE**, Louisville, CO  
**Sustainability Advisory Board, Board Member**

- Advised and directed city-wide sustainability initiatives

## **ACADEMIC AWARDS**

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Naval Health Science Collegiate Program Fellowship – US Navy  
Ronald E. McNair Post-Baccalaureate Award – University of Colorado  
Beverly Sears Graduate Student Grant – University of Colorado  
J Tour Scholarship – University of Colorado

## **MILITARY AWARDS**

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Navy and Marine Corps Commendation Medal  
Navy and Marine Corps Achievement Medal  
Meritorious Unit Award  
Nomination NMRC Junior Officer of the Year, 2010 (NMRC Letter of Appreciation)  
Marksmanship Pistol (Expert)  
Marksmanship Rifle

## **MILITARY COLLATERAL DUTIES**

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Internal Review Board, Representative Warfighter Performance Department  
Command Fitness Leader  
Military Operational Medicine Joint Planning Committee, Program Sponsor Representative  
Command Evaluation Program Committee Member  
Voting Assistance Officer  
Command Social Committee  
Combined Federal Campaign Coordinator

## **PEER-REVIEWED PUBLICATIONS**

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Bartlett, JL, Shannon, K, Galarneau, MR (2015) Mental health and fitness testing outcomes in U.S. Marines. *Military Psychology* (Internal Publication Only)

Bartlett, JL, Phillips, J, Galarneau, MR (2015) A descriptive study of the U.S. Marine Corps fitness tests (2000-2012) *Military Medicine* 180(5) 513-517.

Bartlett, JL, Sumner, B, Ellis, R, Kram R (2014) Activity and functions of the human gluteal muscles in walking, running, sprinting and climbing American Journal of Physical Anthropology 153(1): 124-131.

Bartlett, JL, Sessoms, PH, Reini, S (2013) Strength through science: Using virtual technology to advance the warfighter Aviation, Space and Environmental Medicine 84(2) 165-166.

Rauh, MJ, Aralis, HJ, Melcer, T, Macera, CA, Sessoms, PH, Bartlett, JL, Galarneau, MR (2013) Effect of Traumatic Brain Injury among US Service members with amputations in OIF and OEF. Journal of Rehabilitation Research and Development 50(2):161-172.

Gottshall, KR, Bartlett, JL, Sessoms, PH (2012) Vestibular physical therapy intervention: Utilizing a Computer Assisted Rehabilitation Environment in lieu of traditional physical therapy. Conference Proceedings IEEE Engineering in Medicine and Biology 2012:6141-6144.

Bartlett, JL and Kram, R (2008) Changing the demand on specific muscle groups affects the walk-run transition. Journal of Experimental Biology 211:1281-128.

## **INVITED PRESENTATIONS**

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Cold Water Survival Physiology. Invited lecture for the Naval Operational Support Center, OSHU Bremerton DET O, Buckley Air Force Base, CO, 2014.

The Future of Research for Wounded Warriors. Presented at the Wounded Warriors and their Families Conference hosted by NMCSO. San Diego, CA, 2011.

Exercise as therapy for the wounded warrior: Interaction of Physical activity, Brain Injury, and PTSD. Institute for Clinical and Translational Science. University of California, Irvine. Irvine, CA, 2011.

Utilizing advanced technology for rehabilitation and performance. Presented to the International CAREN User Group Meeting. Bethesda, MD, 2011.

Surveillance of mTBI. Presented at the Wounded Ill and Injured Strategic Offsite Panel Review. Bureau of Medicine and Surgery, Washington, D.C, 2010.

## **TECHNICAL REPORTS**

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Bartlett, JL, Jameson, J, Larson, J, Aralis, HA, Markwald, RR (2012) Program evaluation of the Naval Special Warfare Third Location Decompression (TLD) Program. (For Official Use Only)

Kobus, DA, Brown, CM, Wu, L, Robusto, K, Bartlett, J (2011) Cognitive performance and physiological changes under heavy load carriage. DoD TR-A864155.

## **MEETING PRESENTATIONS/ABSTRACTS**

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Shannon, KS, Bartlett, JL, Galarneau, MR (2015) Military Health System Research Symposium, Ft Lauderdale, FL.

Bartlett, JL, Phillips, J, Galarneau, MR (2014) Annual fitness test performance and mental health outcomes in US Marines, Military Health System Research Symposium, Ft Lauderdale, FL.

Bartlett, JL, Han, PP, Galarneau, MR (2013) Gender neutrality in the Marine Corps Combat Fitness Test. Military Health System Research Symposium, Ft Lauderdale, FL.

Sumner, B, Bartlett, JL, Ellis, R, Kram R (2013) Activity and functions of the human gluteal muscles in walking, running, sprinting and climbing. American Association of Physical Anthropologists Annual Meeting, Knoxville, TN.

Sessoms, P., Gottshall, K, Reini, S, Bartlett, J (2012) Assessment of a physical and cognitive immersive virtual environment for vestibular physical therapy. Military Health System Research Symposium, Ft Lauderdale FL.

Bartlett, JL and Robusto, K. (2012) Physiological cost of heavy load carriage. American Society of Biomechanics Annual Meeting, Gainesville, FL.

Collins, JD, Sessoms, PH, Bartlett, JL (2012) Walking speed overground and on a feedback-controlled treadmill. American Society of Biomechanics Annual Meeting. Gainesville, FL.

Rauh, MJ, Aralis, HJ, Macera, CA, Bartlett, JL, MacGregor, AJ, Han, PP, Galarneau, MR (2012) Gender comparisons of sports/recreation- and training-related injuries among U.S. service members in Operation Iraqi Freedom. American College of Sports Medicine Annual Meeting, San Francisco, CA Med Sci Sport Exer 44: 841.

Rauh, MJ, Aralis, HJ, Macera, CA, Bartlett, JL, Boswell, LL, Sessoms, PH, MacGregor, AJ, Han, PP, Galarneau, MR (2012) Non-battle knee-related injuries among U.S. service members in OIF. Combined Sections Meeting American Physical Therapy Association, Chicago, IL.

Bartlett, JL and Sessoms, PH (2011) Preferred walking speed in a virtual environment. Presented at the American Society of Biomechanics Annual Meeting, Long Beach, CA.

Bartlett, JL, MacGregor, AJ, Heltmes, KJ, Galarneau, MR (2011) The relationship between combat related traumatic brain injury and gait. Presented at the Gait and Clinical Movement Analysis Society annual Meeting, Bethesda, MD.

Bartlett, JL, Sessoms, P, Sander, TC (2009) Computer Assisted Rehabilitation Environment (CAREN) for use in the Clinical and Warfighter Performance Research Setting. Presented at the Association of Military Surgeons of the United States Annual Meeting, St Louis, MO.

Bartlett, JL and Kram, R (2009) Disintegrating the metabolic cost of walking: Propulsion, leg swing, and lateral stability across speed. Presented at the American College of Sports Medicine, Seattle, WA.

Bartlett, JL and Kram, R (2007) Changing the demand on specific muscle groups affects the walk-run transition. Presented at the American Society of Biomechanics Annual Meeting, Stanford University, Palo Alto, CA.

Murray (Bartlett), JB and Kram, R (2003) Efficiency of Amputee Cycling Med Sci Sport Exer 35 (5): Supplement, 2003 Presented at the National Meeting of the American College of Sports Medicine, San Francisco, CA.

## **FUNDED RESEARCH PROJECTS**

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BUMED WII #W263 10/2012 – 10/2014  
Combat Fitness, Gender and Resilience  
\$214K  
Role: CO-I

DMRDP Psychological Health, Polytrauma, Operational Health Program 10/2011-05/2012  
Rapid Absorption Caffeine as a Countermeasure against Sleep Inertia Impairments in Cognitive Performance  
\$367K  
Role: CO-I

NSWG-1 Special Funding 02/2011-06/2012  
Program Evaluation of the Naval Special Warfare Third Location Decompression Program  
\$311K  
Role: PI

DHPe 6.7 08/2010-12/2013  
Expanding Immersion Capabilities for Reser and Performance  
\$1.9M  
Role: PI

BUMED PH-TBI #116 10/2008-10/2013  
Surveillance of Mild Traumatic Brain Injury in Military Personnel  
\$6.6M  
Role: PI