Bloomsburg University of Pennsylvania
Department of Exercise Science
Annual Report 2017
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Letter from the Department Chair

Exercise Science is an exciting and rapidly evolving field of study. With physical inactivity considered a major risk factor for heart disease and other morbidities, activities of daily living, exercise and fitness have become essential elements of health and wellness. Not only has exercise been recognized as important in preventing diseases, it has also been acknowledged as essential “medicine” in treating various illnesses – heart disease, diabetes, osteoporosis, lung disease, Parkinson’s disease, and obesity, to name a few.

Located in the College of Science and Technology, the Exercise Science Program leads to a Bachelor of Science (B.S.) degree in Exercise Science. Besides the core requirements, the Exercise Science Program is an interdisciplinary program based on the medical sciences. Required courses outside the department include those from the following programs: Biology, Chemistry, Physics, and Mathematics.

The Exercise Science Program focuses on the scientific and practical domains of exercise and physical activity ranging across the spectrum from healthy to patient populations. The versatility of our professional preparation readies students for careers in areas such as Cardiac Rehabilitation, Corporate Fitness, Personal Training, Strength and Conditioning. Students must possess a solid science base and a complete knowledge of all the health-related and skill-related components of physical fitness with a complete understanding of the dimensions of wellness. The ability to coordinate theory and practical application is significant for the success of prescribed exercise programs.

Professional preparation in Exercise Science provides numerous opportunities depending upon the students’ interests, background, and preparation. Our students engage in a capstone internship experience as the culminating requirement of their undergraduate curriculum. This internship requirement has enabled our students to secure positions with such corporations as the Baltimore Ravens, Minnesota Vikings, Cornell University, University of South Florida, Wake Forest University, Geisinger Medical Center, Evangelical Hospital, and Verizon to name a few. Individual assessment and evaluation are essential elements for developing exercise prescriptions and program design within each designated specialty area. Students must be good role models of health and fitness with an enthusiastic and positive attitude for motivation and success.

Several of our graduates have continued their post-graduation studies in Physical Therapy, Occupational Therapy, Clinical Athletic Training, and Chiropractic Medicine. Others have pursued Master’s Degrees and Doctoral Degrees in Exercise Science. Many of our students have started their own businesses in areas such as Strength and Conditioning, Athletic Performance, Corporate Fitness, and Coaching.

Currently the Exercise Science Program awards Bachelor of Science Degrees to approximately 80 – 100 students annually.

Exercise Science Program Vision Statement

The Bloomsburg University Exercise Science Program provides a multidisciplinary, quality undergraduate education which lays a foundation for personal and professional growth, developing professionals with a strong understanding of the scientific concepts behind the applications they will practice in their chosen career path. Additionally, this program is committed to developing students who are critical thinkers and who will contribute and respond to current trends within their field of expertise.
Exercise Science Program Mission Statement
The mission of the BU Exercise Science Program is to promote optimal health and well-being in the physically active population by providing educational opportunities to prepare qualified undergraduate students for a professional career in Exercise Science. The Exercise Science Program is structured according to competencies and proficiency domains designated by the American College of Sports Medicine. We are committed to providing quality learning experience both in classroom and in the laboratory or practical setting. We have well equipped laboratory and teaching facilities supported by internship and educational research to provide these services.

The BU Exercise Science Program seeks to enhance student learning through a variety of interactive and problem-solving experiences that mandate the student demonstrate cognitive understanding of the health sciences, work with diverse individuals and populations, and perform specific skills and techniques. The development of competent Exercise Science professionals is based on a program of curricular experiences that require students to demonstrate and apply their knowledge, skills, and attributes in the internship as well as professional setting.

The purpose of this program is to prepare well-rounded students. Successful students will be able to design safe and effective exercise prescriptions, and conduct individual exercise programs, fitness testing, and health education for athletes, low to moderate risk individuals, individuals with controlled diseases, and individuals in special populations (i.e., pregnancy, hypertension, and diabetes mellitus). In addition, this program aims to produce students who are committed to academic and internship excellence, are socially responsible, and have demonstrated cultural sensitivity.

We are committed to evaluating the Exercise Science Program regularly to ensure that our students are receiving the highest quality education possible. Furthermore, we are committed to staying abreast of the ongoing changes in our profession in order to keep our students current in our evolving field. Both the B.S (Exercise Science) and M.S (Exercise Science) programs are currently accredited through the Commission on Accreditation of Allied Health Education Programs (CAAHEP), which is the largest programmatic accreditor in the health sciences field. The Clinical Athletic Training Program, accredited by the Commission on Accreditation of Athletic Training Education, is one of only 23 athletic training programs in the U.S. accredited at the master's entry-level. Accreditation provides recognition for the high quality of the Exercise Science curriculum, resources, and faculty by measuring them against agreed-upon standards and evaluating that the program is meeting these standards on an annual basis.

Finally, the BU Exercise Science Program aspires to be a program of recognized excellence. We strive to establish this program as a leader in undergraduate Exercise Science professional preparation.

Exercise Science Program Objectives
- To provide a quality program leading to a Bachelor of Science degree in Exercise Science.
- To provide a curriculum consistent with the core courses recommended by the American College of Sports Medicine and the National Strength and Conditioning Association in preparation for national certification examinations.
- To provide a curriculum that integrates personal and practical skills to produce entry-level competence in any field of exercise science.
- To provide students opportunities for work-related experience within the health and fitness field.
- To provide quality academic instruction, satisfaction, and learning experiences to student graduates.
- To prepare students to procure entry-level employment in the health / fitness / wellness field, or continue formal education in schools offering advanced degrees in health-related graduate programs.
- To provide an academic curriculum that engages students with hands on experiences and individual support to foster student retention.
- To provide faculty and staff who possess the knowledge, training, and skills necessary to provide an environment conducive for teaching and learning.
- To provide the student with quality advising and counseling to promote timely and efficient progression through the program.
- To graduate confident, competent students who will be able to successfully compete in the marketplace.
Degree Programs
We offer one undergraduate degree program (B.S. Exercise Science) and two Master’s level programs (M.S. Exercise Science, and M.S. Clinical Athletic Training). Further, the Exercise Science Department offers General Education courses that cover six of the ten MyCore General Education Program goals including: Goal 1: Communication; Goal 2: Information Literacy; Goal 4: Cultures and Diversity; Goal 6: Social Science; Goal 9: Healthy Living; and Goal 10: Citizenship.

Enrollment
As of fall 2017, the Department of Exercise Science had 240 Undergraduate majors, with over one hundred internal prospects awaiting acceptance into the Exercise Science major. To help accommodate our needs, we added four full-time, tenure-track faculty to our department, increasing the total number of full-time, tenured or tenure-track faculty to 11. We have also employed four full-time, temporary faculty to fill our needs, mainly in the general education areas.

Curricular Revisions and New Programs
We continue to update and refine our curriculum so that students receive the best possible education experience in our field. The Department accomplished significant curricular developments in 2016-17, including:

- The approval of our first two on-line courses, EXERSCI 360: Sport Nutrition, and EXERSCI 380: Research Methods.
- The approval of EXERSCI 261: First Aid and Safety as a MyCore General Education Program to meet two points under Goal 10: Citizenship.
- The approval of an accelerated Athletic Training Program, which would allow motivated students to get an early start on the graduate program, whereby both B.S. (Exercise Science) and M.S. (Clinical Athletic Training) degrees could be earned in five years.
- The opening of the Institute for Concussion Research and Services. The institute is an interdisciplinary collaboration between faculty researchers and students investigating concussions. The institute has two main goals: to give medical professionals a better understanding of concussions, symptoms and their outcomes, and to provide a service to the medical community that will assist them in making better “return-to-play” decisions.

Faculty and Staff Updates
In Fall 2017 we welcomed four new faculty members – Dr. Kyle Beyer, Dr. Brett Comstock, Dr. Luke Haile, Dr. Meng Ni. Ms. Sheila Kaercher retired this past May. She served the department as a full-time faculty member since 2002. Mr. Martucci served as the interim department chairperson in the 2017 academic year. In August 2017, Dr. Swapan Mookerjee was appointed Department Chair. Ms. Carol Kliamovich retired after 18 years of service at the university, and 16 years as our department secretary. Ms. Wendy Hoyt is our current secretary. She brings 22 years of service with her.

The Exercise Science Club
The purpose of the Exercise Science Club is to generate interest in the field of exercise science, provide exercise science-related extracurricular opportunities, and encourage wellness through exercise. This club seeks to bring together students in an environment that is conducive to the formal and informal exchange of ideas relating to the Exercise Sciences. The 2017 Executive Board is as follows:
- President: Renee Spancake
- Vice President: Roslyn Pulcini
- Secretary: Cristina Alvine
- Treasurer: Emily Robarge

Undergraduates, Internships
In 2016, the Department of Exercise Science graduated 67 undergraduate students with a B.S in Exercise Science. These graduates included:
- From Spring 2015 – Fall 2017, 252 students completed internship experiences as part of the BS Exercise Science degree requirement.

In 2016-17, 9 students graduated with a M.S in Exercise Science.
2017 Student Conference Participation
A number of undergraduate and graduate students attended the American College of Sports Medicine National and Regional meetings in 2017. A list of presentations is provided below (faculty authors are in bold).

- Holdren C, Fradkin A. The epidemiology of DII baseball, basketball, and soccer injuries and potential preventive strategies.
- Mookerjee, S., Beyer, K., Meske, S., Drury, D. “Comparison of Oxygenation Trends in the Latissimus Dorsi Across Handle Types During Seated Row Exercise.”


Clinical Athletic Training 2017 Summary
The new cohort of nine students were matriculated in the summer of 2016. Eleven students took part in the December Graduation Ceremony and received their Master of Science degree in Clinical Athletic Training. All students enrolled in the CAT took part in baseline and post-concussion data collection for the NCAA/DoD Grand Alliance- CARE Consortium Grant Funded Project. Participation provided the opportunity for students to gain experience in grant funded research and develop clinical skills in mild traumatic brain injury assessment.
In June, 2017, a team consisting of two graduate students (Lucas VanHorn, Joshua Smith), research coordinator (Sam Meske) and Dr. Hazzard went to Germany and visited the Landstuhl Regional Medical Center, as well as their Combat Center for TBI treatment and Rehabilitation. Their mission was to develop and implement collaborative research in the area of mild traumatic brain injury (mTBI) in military populations. The collaboration involves the medical team from Landstuhl (Neurologist, Physical Therapists, Occupational Therapist, Optometrist, and Research Team members). A "White Paper" was submitted to various Federal Funding agencies through MTEC (Medical Technology enterprise Consortium). This project proposal includes researchers from Bloomsburg University, Penn State University, and Landstuhl Regional Medical Center.

Bloomsburg University Clinical Athletic Training visit to Landstuhl Regional Medical Center, Germany

During the Fall of 2016, the Clinical Athletic Training program faculty in conjunction with Exercise Science faculty, proposed an Accelerated BS Exercise Science/MS Program in Clinical Athletic Training. This program provides the opportunity for students to complete undergraduate and graduate degrees in approximately 4.5 years and will ensure that the students are eligible for National Certification upon completion of the program. The first group of students have already begun this program.
Scholarly Interests

Applied Exercise Physiology; Body Composition

Education

PhD in Exercise Physiology – University of Pittsburgh, Pittsburgh, PA August 2003

2016 – 2017 Publications (*denotes student author)


2016-2017 Presentations (*denotes student author)


*Handy, V.H., Dixon, C.B., Andreacci, J.L. Haile, L. The Effect of Wearing Improper Clothing on Percent
Body Fat Determined by the Bod Pod. Presented at the 63rd National ACSM Meeting in Boston, MA. May 2016.


2017 Funding
n/a

2017-2018 Teaching
Spring 2018: Exercise Physiology II (EXERSCI 576)
Exercise Physiology II (EXERSCI 478)
Exercise Physiology I Laboratory (EXERSCI 378) – 3 sections
Sports Nutrition (EXERSCI 360)

Fall 2017: Exercise Physiology I (EXERSCI 575)
Exercise Physiology I (EXERSCI 378)
Exercise Physiology I Laboratory (EXERSCI 378) – 4 sections
Sports Nutrition (EXERSCI 360)

2017 Service Activities

University-Wide Promotion Committee Member (elected)
Meet & Discuss Member (elected)
Kyle S. Beyer, PhD, CSCS
Assistant Professor

Scholarly Interests
Strength and Conditioning, Pediatric Exercise Physiology, High Intensity Interval Training, Muscle Physiology, Sports Science

Education

University of Central Florida
Orlando, Florida
Doctor of Philosophy
Education, Exercise Physiology Track
Completed 2017

University of Central Florida
Orlando, Florida
Master of Science
Sport and Exercise Science
Completed 2014

Towson University
Towson, Maryland
Bachelor of Science
Exercise Science
Completed 2012

2017 Scholarly Activity

Accepted Publications:


**Publications in Review**


**Presentations:**


**Grants:**

Principal Investigator - $3,909 (Bloomsburg University Mini Grant) - The Comparison of Barbell Velocity between Linear Position Transducer and iPhone Application during Squat

**2017 Teaching**

Fall:  EXERSCI 161: Introduction to Exercise Science  
EXERSCI 351: Kinesiology  
EXERSCI 413/513: Current Issues in Exercise Science

**2017 Service**

- Academic Advisor  
- Thesis Committee Member and Chair  
- Bloomsburg University, Department of Exercise Science, Curriculum Committee
• Bloomsburg University, Department of Exercise Science, Laboratory Safety Committee
• Reviewer, *Journal of Strength and Conditioning Research*
• Reviewer, *Journal of Sport Science and Medicine*
• Reviewer, *Perceptual and Motor Skills*
• Mid-Atlantic Regional Chapter of the American College of Sports Medicine, Research Committee
• Attended the National Strength and Conditioning Association Mid-Atlantic Regional Conference in Aston, PA
• Attended the American College of Sports Medicine Mid-Atlantic Regional Chapter Annual Meeting, Harrisburg, PA
• Became a certified First Aid/CPR/AED Instructor through the American Red Cross
• Recertified with distinction as a Certified Strength and Conditioning Specialist
Brett Comstock, Ph.D., CSCS*D
Assistant Professor of Exercise Science

Scholarly Interests
Physiological Responses and Adaptations to Resistance Training; Effects of Resistance Training on a Variety of Performance Types; Recovery from Resistance Exercise; Strength and Conditioning for Athletes, Non-Athletes, and Military Personnel of varying ages.

Education
Doctor of Philosophy (Ph.D.)
University of Connecticut, Storrs, CT
Department of Kinesiology
Major Field: Exercise Physiology
Completed: 2014

Master of Arts (M.A.)
University of Connecticut, Storrs, CT
Department of Kinesiology
Major Field: Exercise Physiology
Completed: 2010

Bachelor of Science (BS)
Denison University, Granville, OH
Department of Biology
Major Field: Biology
Completed: 2007

2017 Publications

2017 Teaching
EXERSCI304 - Principles of Resistance Training
EXERSCI477 - Exercise Prescription & Programming
EXERSCI556 - Muscular Adaptations to Exercise

2017 Service Activities
Academic Advisor
Safety Committee - Chairperson
Exercise Science Curriculum Committee Member
Kelly Dauber, Ph.D.
Assistant Professor

Scholarly Interests
Sport Psychology (life skill and soft skill development of college students), Sport Sociology (female athlete paradox), Physical Education Pedagogy/Coaching (generational differences)

Education
Springfield College, Springfield, MA
Physical Education: Teaching and Administration
Ph.D. earned in 2006
Exercise Science and Sport Studies: Sport and Exercise Psychology
Master’s earned in 2004

Hobart and William Smith Colleges
Double Major: Psychology and Sociology
Bachelor’s earned in 2002

Presentations
Dauber, K. Unlock the Key to Generation Z. Presented at the SHAPE America National Convention, Boston, MA March 14-18, 2017.

2017 Spring
EXERSCI 150: Aquatics
EXERSCI 250: Lifeguarding
EXERSCI 288: Women in Sport
EXERSCI 306: Psychology of Sport

2017 Fall
EXERSCI 250: Lifeguarding
EXERSCI 286: Aquatic Exercise Programming
EXERSCI 288: Women in Sport
EXERSCI 306: Psychology of Sport

2017 Service Activities
Search and Screen committee (hired 5 temporary faculty and 4 tenure track faculty…chair of committee for temporary searches), COST Career Day Exercise Science Representative, Health Science Symposium Exercise Science Representative, Women in Sport class collaboration with the Athletic Department for National Girls and Women in Sports Day Clinic, Motivation and Psychology Review Panel for the Research Consortium for the SHAPE National Convention, Gender Studies Minor Board Member, COST Communication Committee, Faculty mentor/advisor for men’s and women’s swimming team and BU Water Polo Club, Department Curriculum Committee, Department Evaluation Committee, Adult Fitness Center Director
Scholarly Interests
Sports injury prevention, Sports injury epidemiology, Biomechanics, Performance improvement, Physical fitness testing reliability and validity

Education
University of Pittsburgh
University of Pittsburgh Medical Center
Pinehurst, NC, USA
Post-Doctoral Research Fellowship
Completed: 2006

Monash University
Department of Epidemiology and Preventive Medicine
Melbourne, Australia
Doctor of Philosophy
Completed: 2008

Deakin University
Department of Health Sciences
Melbourne, Australia
Master of Applied Science
Completed: 2002

Deakin University
Department of Health Sciences
Melbourne, Australia
Bachelor of Applied Science (Honours), Human Movement
Completed: 1999

Deakin University
Department of Health Sciences
Melbourne, Australia
Bachelor of Applied Science, Human Movement
Completed: 1998

2015 - 2017 Publications  *Denotes BU student

Book

Book Chapter

Manuscript
**Fradkin A.** Does warming-up reduce the risk of injury to golfers? A cluster randomized controlled trial. IN: Crews D (Ed.) *Science and Golf VII.* 2016; SS 28 – 29.

**2015 – 2017 Presentations**  
*Denotes BU student


**2017 Teaching**

Summer: Research Methods (EXERSCI 380)

**2017 Service Activities**

Academic Advisor  
American Red Cross First Aid, CPR, AED Recertification Classes for Majors  
Assessment Fellowship – Bloomsburg University  
Conference Board Member – World Scientific Congress of Golf  
COST Undergraduate Research Committee Member  
Credentials and Fellowship Committee Member - American College of Sports Medicine  
Department Curriculum Committee Member  
Department Performance Review and Evaluation Committee  
Department Policy and Procedure Committee Chairperson  
Department Promotion Committee Member  
Department Search and Screen Committee Member – 5 temporary faculty  
Department Search and Screen Committee Member – 4 tenure-track faculty  
Department Webmaster  
Faculty Advisor to Ultimate Frisbee Club  
Graduate Faculty Member  
Manuscript Reviewer: International Journal of Golf Science  
Manuscript Reviewer: International Journal of Sports Medicine  
Manuscript Reviewer: Journal of Aging and Physical Activity  
Manuscript Reviewer: Journal of Sports Sciences  
The Science of Golf Textbook Chapter Contributor / Author
The Science of Golf Textbook Co-editor
Thesis Chair – Tyler Meckes
Thesis Committee Member – James Buto
Thesis Committee Member – Vincenzo Nocera
Luke Haile
Assistant Professor

Scholarly Interests
The measurement of perception and emotion during exercise, their link with cardiovascular and metabolic measures, their use for exercise prescription, and their relation to exercise adherence and the achievement of health-fitness benefits.

Education
Doctor of Philosophy in Exercise Physiology, University of Pittsburgh, 2010
Master of Science in Exercise Science, Bloomsburg University, 2008
Bachelor of Science in Exercise Science, Bloomsburg University, 2005

Publications


Presentations *Denotes BU student

Teaching
Fall: Electrocardiogram Interpretation and Exercise Testing (EXERSCI 450)
Cardiac Rehabilitation (EXERSCI 452)
Electrocardiogram Interpretation and Exercise Testing (EXERSCI 511)
Exercise Nutrition and Metabolism (EXERSCI 560)

Winter: Exercise and You (EXERSCI 270)

Service Activities
Academic Advisor, member of Department Curriculum Committee and Safety Committee, Department Forum Representative, organizer of Exercise Science Seminar Series, manuscript reviewer for International Journal of Exercise Science, International Journal of Sports Medicine, and Perceptual and Motor Skills, chair of one thesis committee (Luke Stong) and reviewer for two other theses (Chelsea Wenrich, Eoin Hurley), became certified as an instructor for First Aid and CPR by the American Red Cross
Dr. Joseph B. Hazzard, Jr., L/ATC

Associate Professor, Department of Exercise Science Program Director, Clinical Athletic Training

Director, Institute for Concussion Research & Services

Scholarly Interests

Sports Medicine, Concussion in Sport & Military Populations, Sport Psychology

Education

Doctor of Education, Temple University, Philadelphia, PA., 2004

Master of Science, Shippensburg University, Shippensburg, PA., 1987

Bachelor of Science, Salem College, Salem, W.VA., 1984

2017 Publications


2017 Presentations

Hazzard, J. Emerging technologies in concussion assessment: Clinical utilization. Wake Forest Baptist Hospital, Department of Family & Sports Medicine, October, 2017.


2017 Funding

NCAA/DoD Grand Alliance, CARE Consortium-Clinical Research Core, Longitudinal Study of Sport-Related Concussion in Collegiate Athletics, April 2016 Award, Project August 2016-September 2017, $148,000.00.

NCAA/DoD Grand Alliance, CARE Consortium-Clinical Research Core, Longitudinal Study of Sport-Related Concussion in Collegiate Athletics, September 2017 Award, Project September 2017-December 31, 2017, $51,000.00.

Lanstuhl Regional Medical Center Combat TBI Clinic, Collaborative Multi-Center Clinical Trial: Development and Validation of an Eye-Tracking Virtual Reality System for Acute/Chronic Assessment of TBI, White Paper Grant submission to MTEC, September, 2017, $2,279,502, Under Review.
2017 Teaching
Spring: General Medical Conditions, Graduate-EXERSCI. 584
       Supervised Clinical II, Graduate-EXERSCI. 592
       Exercise & Mental Health, Undergraduate-EXERSCI. 285

Fall: Orthopedic Assessment II, Graduate-EXERSCI. 581
      Supervised Clinical I, Graduate-EXERSCI. 591
      Supervised Clinical IV, Graduate-EXERSCI. 594

2016 Service Activities
Research Data Collection, West Point Military Academy, West Point, NY., May 2017.
Swapan Mookerjee  
Professor

Scholarly Interests  
Non-invasive muscle physiology, metabolic and hemodynamic responses during strength and high intensity exercise

Education  
Ph.D. University of Wisconsin-Madison  
MPE. Lakshmibai National Institute of Physical Education, India  
Dip. Swim Coaching. National Institute of Sport, India  
Post-Doctoral Fellowship – State University of New York, Buffalo

Publications


Published Abstracts


1) Acute Nitrate Supplementation Improves Ischemic Exercise Tolerance in Post-Menopausal Women.
2) Comparison of EMG Responses across Handle Types During Seated Row Exercise.


Presentations

Mid-Atlantic Regional Chapter (MARC) American College of Sports Medicine Meeting; Harrisburg, PA. November 3-4, 2017
Mookerjee, S., Beyer, K., Meske, S., Drury, D. “Comparison of Oxygenation Trends in the Latissimus Dorsi Across Handle Types During Seated Row Exercise.”

Meckes, T. F., Meske, S., Drury, D., Mookerjee, S. “Comparison of Electromyographic Responses Across Handle Types During Seated Row Exercise”

2016 Teaching
Spring: EXERSCI 284 Aquatic Exercise Programming
EXERSCI 378 Exercise Physiology I
EXERSCI 478 Exercise Physiology II
EXERSCI 498 Internship
EXERSCI 500 Instrumentation
EXERSCI 599 Thesis

Fall: EXERSCI 278 Yoga (Independent Study)
EXERSCI 477 Exercise Prescription (2 sections)
EXERSCI 478 Exercise Physiology II
EXERSCI 510 Research Methods
EXERSCI 556 Muscular Adaptations

2017 Teaching
Spring: EXERSCI 378 Exercise Physiology I
EXERSCI 477 Exercise Prescription (2 sections)
EXERSCI 498 Internship
EXERSCI 500 Instrumentation
EXERSCI 514 Seminar
EXERSCI 577 Program Administration

Fall: EXERSCI 478 Exercise Physiology II
EXERSCI 498 Internship
EXERSCI 510 Research Methods

2017 Service Activities
American College of Sports Medicine, Pronouncements Committee
External Examiner Doctoral dissertations, Nanyang University, Singapore, Banaras Hindu University, India
External Reviewer for Promotion, University of Akron, Department of Sport Science, and Wellness Education
Department Curriculum Committee member
Department Evaluation Committee member
Meng Ni, Ph.D.
Assistant Professor, Department of Exercise Science

Scholarly Interests

Neuroscience, Geriatric Rehabilitation

Education

Doctor of Philosophy in Exercise Science, University of Miami, Coral Gables, FL, 2015
Bachelor of Science in Rehabilitation Medicine, Sun Yat-sen University, China, 2010

2017 Publications


2017 Presentations

1. Ni, M., Bean, JF., Clinically Meaningful Cutpoints of Leg Power in Predicting Disability, Falls, and Hospitalizations in Older Adults. Slide presentation delivered at Annual Meeting of the American Congress of Rehabilitation Medicine, Atlanta, GA, October, 2017
2. Bean, JF., Ni, M., Ellis, T., Perloff, J., Re-conceptualizing Outpatient Geriatric Rehabilitation: Delivering Preventative Care through Connected Health. Slide presentation delivered at Annual Meeting of the American Congress of Rehabilitation Medicine, Atlanta, GA, October, 2017

2017 Teaching

Fall: Exercise Prescription and Programming for Special Populations, Undergraduate – EXERSCI.414
Research Methods in Exercise Science, Undergraduate – EXERSCI. 380
Adults Health and Development, Undergraduate – EXERSCI.397

2017 Service Activities

Department’s Outcome Assessment Committee
COST Research Day Committee
Peer-review journal reviewer (Aug 2017-Dec 2017):
Five manuscripts - Archives of Physical Medicine and Rehabilitation
One manuscript - Journal of Neurological Physical Therapy
One manuscript - Measurement in Physical Education and Exercise Science
One manuscript - International Journal of Yoga Therapy
Noah Wasielewski  
Assistant Professor

Scholarly Interests
Effectiveness of Therapeutic Modalities and Exercise, Function of the Knee Following Anterior Cruciate Ligament Injury or Surgery, Concussion Assessment and Return to Play

Education
University of Oregon, Eugene OR, PhD, Exercise and Movement Science, 2002  
Auburn University, Auburn AL, MS, Health and Human Performance, 1999  
Slippery Rock University, Slippery Rock PA, BS, Athletic Training, 1994

Teaching
Spring: Kinesiology (EXERSCI 351)  
             Research Methods (EXERSCI 380)  
             Exercise Prescription and Programming in Special Populations (EXERSCI 414)  
             Therapeutic Exercise (EXERSCI 583)  
Fall: Therapeutic Modalities (EXERSCI 582)  
             Pathophysiology/Pharmacology (EXERSCI 585)  
             Advanced Sports Medicine (EXERSCI 586)

Scholarship


Service Activities
Reviewer, Journal of Athletic Training  
Question Reviewer for Board of Certification (BOC) Examination for Athletic Trainers  
Advisor to BU Sports Medicine Association and Club Women’s Lacrosse Team  
COST Curriculum Committee  
BU Wellness Committee  
Forum Representative  
Departmental Committees: Curriculum, Search and Screen, Evaluation, Safety, Policy and Procedure, Promotion