Liberty University Department of Allied Health 1971 University Blvd. Lynchburg, VA 24515 Phone:434-582-7861

Email: wpeveler@liberty.edu

EDUCATION

Cell: 859-360-9784

- **PH.D.-** University of Alabama; Tuscaloosa, AL
 - o Human Performance, Exercise Physiology- Dec 2003.
 - Minor-educational research and statistics
 - Minor-human physiology
- Masters of Science- Western Kentucky University; Bowling Green, KY
 - o Physical Education: Focus Exercise Science- August 2000
- **Bachelor of Arts-** Western Kentucky University; Bowling Green, KY.
 - Mass Communication- May 1997
 - o Minor-Physical Education
 - o Minor- Music, emphasis Classical Guitar

EXPERIENCE

- Liberty University August 2017- Present
 - Professor of Exercise Science
 - Teaching:
 - Exercise Physiology
 - Biomechanics
 - Biomechanics Lab
 - Measurement and Evaluation in Health and Kinesiology
 - Mixed Martial Arts
 - Graduate Biomechanics
 - Graduate Biomechanics Lab
 - Graduate Graded Exercise Testing and Electrocardiography
 - Graduate Exercise Prescription for Special Populations: Cardiac and Pulmonary Disorders
 - Graduate Exercise Prescription for Special Populations: Chronic Health Conditions
 - Graduate Research Methods in Exercise Science
 - Graduate Physiological Interactions of Performance Enhancing Substances
- Northern Kentucky University (NKU)- August 2009-August 2017
 - Associate Professor (Tenured)
 - Exercise Science Program Director
 - Laboratory Director
 - Teaching:

- Exercise Physiology with lab
- Biomechanics with lab
- Anatomical Kinesiology
- Research, Trends, and Issues in Exercise Science
- Senior Synthesis (Research project)
- Exercise Testing and Prescription with lab
- Introduction to Strength and Conditioning
- Internship
- Practicum
- Concepts of Lifetime Fitness

• Academic Service

- Chair of the Institutional Review Board
- University Research Council
- Institutional Review Board
- Faculty Senate
- Faculty Benefits Committee
- Faculty voice
- Professional Concerns Committee
- Indirect Cost Committee
- Transportation Advisory Committee
- Curriculum development for exercise science program

Awards

- 2011 Faculty Excellence in Performance in Scholarly or Creative Activity NKU
- Liberty University online August 2016- Present
 - Adjunct graduate faculty
- University of Central Arkansas- January 2008-May 2009
 - Assistant Professor
 - Program Coordinator of Exercise Science
 - Laboratory Director
 - Teaching:
 - Exercise Physiology
 - Graduate Exercise Physiology
 - Measurement and Evaluation
 - Exercise Testing and Prescription
 - Laboratory instrumentation (graduate and undergraduate)
 - Metabolism (graduate and undergraduate)

Academic Service

- Program Coordinator of Exercise Science
- Writing new Exercise Science Curriculum
- Advancement Committee

- Mississippi University for Women- August 2004- Dec 2007
 - Assistant Professor
 - Laboratory Director
 - Teaching:
 - Biomechanics
 - Anatomical Kinesiology
 - Exercise Physiology with lab
 - Exercise Programming for Special Populations
 - Exercise health and related disease (graduate class)
 - Graded Exercise Testing
 - Measurement and Evaluation
 - Motor Development
 - Motor control and Learning
 - Nutrition, Physical Activity and Weight Management
 - Weight Training for Majors
 - Weight and Aerobic Training for Majors
 - Academic Service
 - Awarded sabbatical spring 2007.
 - Director of Human Performance Lab
 - Designed the lab in the new Health and Kinesiology building.
 - Created classes:
 - HKC160 Weight and Aerobic Training for Majors
 - o HK461 Advanced Exercise Physiology
 - o HK490 Research in Exercise Science
 - Designed Exercise Science Curriculum
 - Designed Exercise Science Physical Therapy curriculum
 - Committees:
 - Committee on Use of Human Subjects in Experimentation
 - Honors Committee
 - Scholastic Appeals Committee
 - Graduate Faculty
- Guest Lecturer Mississippi State University- Fall 2006
 - Exercise Programming for Special Populations
- Guest Lecturer Mississippi University for Women- October 2003- August 2004
 - Teaching:
 - Biomechanics
 - Anatomical Kinesiology
 - Measurement and Evaluation
 - Motor control and Learning
 - Exercise Programming for Special Populations
 - Exercise health and related disease (graduate class)

- Graduate teaching assistant University of Alabama- May 2000-2003
 - Teaching:
 - Exercise Physiology
 - Measurement and evaluation
 - Ecological approach to health and wellness
 - Volleyball
 - Jogging
 - Weight Training
- Graduate teaching/research assistant Western Kentucky University-January 1999-July 2000
 - o **Teaching:**
 - o Life time sports- Team
 - o Life time sports- Individual
 - o Volley Ball
 - o Weight Training
 - Educational gymnastics
 - Outdoor Recreation (Low Impact Camping and Canoeing WEA)

PUBLICATIONS:

- **Peveler,WW**, Schoffstall, J, Coots, J, Kilian, J, Glauser, J. The effects of boxing glove design on thumb position when making a fist for striking. *Journal of Strength and Conditioning Research* accepted for review.
- Johnson, Q, Dawes, JJ, Uftring, M, Dos Santos, ML, Hale, D, Sanders, GJ, Peveler, WW, Kollock, RO. Differences in stronger versus weaker firefighters in selected measures of power. *International Journal of Exercise Science* Accepted 2022.
- Hale, D, Kollock, RO, Thomas, Sanders, GJ, Peveler, WW, Mangan, A, Landon, B.
 A Submaximal Field Test of Aerobic Capacity does not Accurately Reflect VO2max
 in Career Firefighters. *International Journal of Exercise Science* 15(4): 221-230,
 2022.
- Hornsby, JH, Johnson, BL, Meckley, DP, Blackley, A, Peveler, WW, Lowes, JN, Dawes, JJ. Effects of Heart Rate Biofeedback, Sleep, and Alertness on Marksmanship Accuracy during a Live-fire Stress Shoot. *International Journal of Exercise Science* 14(6): 123-133, 2021.
- Sanders, GJ, Boos, B, Turner, Z, & **Peveler, WW**. The relationship between maximal oxygen consumption and repeated sprint performance in Division I soccer athletes. *International Journal of Exercise Science* 10(2): 197-204, 2017.
- Peveler, WW, Sanders, G, Kollock, R, Johnson, S, and Shew, B. Comparison of

- ventilatory measures and 20 km time trial performance. *International Journal of Exercise Science* 10(4): 640-648, 2017.
- Sanders, G.J., Turner, Z, Boos, B., Peacock, C.A., **Peveler, W.**, Lipping, A. Aerobic capacity is related to repeated sprint ability with sprint distances less than 40 meters. *International Journal of Exercise Science* 10(2): 197-204, 2017.
- **Peveler, WW,** Sanders, G., Marczinsk, CA, & Holmer, B. Effects of energy drinks on performance and cardiovascular measures. *Journal of Strength and Conditioning Research* 31(4): 882-887, 2017.
- **Peveler, WW**. The Accuracy of Simulated Indoor Time Trials Utilizing a CompuTrainer and GPS Data. *Journal of Strength and Conditioning Research* 27(10): 2823–2827, 2013.
- **Peveler, WW**, Johnson, S, Shew, B, and Palmer, TG. A Kinematic Comparison of Alterations to Knee and Ankle Angles from Resting Measures to Active Pedaling During a Graded Exercise Protocol. *Journal of Strength and Conditioning Research* (26)11: 3004-3009, 2012.
- **Peveler, WW** and Palmer, TG. Effect of Magnesium Lactate Dihydrate and Calcium Lactate Monohydrate on 20 km Cycling Time Trial Performance. *Journal of Strength and conditioning Research* (26)4: 1149-1153, 2012.
- **Peveler, WW.** Effects of saddle height on economy and anaerobic power in well-trained cyclists. *Journal of Strength and conditioning Research* 25(3):629-33, 2011.
- **Peveler, WW**, Green, JM. The Effect of Extrinsic Factors on Indoor 20k Time Trial Performance. *Journal of Strength and Conditioning Research* 24(12): 3265-69, 2010.
- **Peveler, WW**. Effects of Saddle Height on Economy in Cycling. *The Journal of Strength and Conditioning Research* 22(4):1355-9, 2008.
- **Peveler, WW**, Pounders J, Bishop P. Effects of Saddle Height on Anaerobic Power Production in Cycling. *The Journal of Strength and Conditioning Research* 21(4): 1023-7, 2007.
- **Peveler, WW**, Bishop, P, Whitehorn, E, and Bosak, AM. The effects of ribose as an ergogenic aid. *The Journal of Strength and Conditioning Research* 20(3): 519-522, 2006.
- **Peveler, WW**, Bishop, P, Richardson, M, and Smith, J. Effects of Training in an Aero Position during cycling on Energy Efficiency. *Journal of Exercise Physiology online* 8(1): 44-50, 2005.
- Peveler, WW, Bishop, P, Richardson, M, and Smith, J. Comparing methods for

Setting Saddle Height in trained Cyclist. *Journal Exercise Physiology online* 8(1): 51-55, 2005.

- **Peveler, WW**, Bishop, P, Richardson, M, and Smith, J. Effects of Training in an Aero Position during cycling on Power output. *Journal of Exercise Physiology online* 7(5): 52-56, 2004.
- Green, JM, Crews, TR, Bosak, AM, and **Peveler, WW**. A comparison of respiratory compensation thresholds of anaerobic competitors, aerobic competitors and untrained subjects. *Eur J Appl Physiol* 90(5-6):608-1, 2003.
- Green, JM, Crews, TR, Bosak, AM, and Peveler WW. Overall and differentiated RPE at the respiratory compensation threshold: effects of gender and mode. Eur J Appl Physiol 89(5):445-50, 2003.
- Green, JM, Crews, TR, Bosak, AM, and **Peveler, WW**. Physiological responses during RPE estimation-production treadmill exercise at 0% and 10% incline. *Journal of Sports Medicine and Physical Fitness* 42: 8-13, 2002.

Research in Progress

- **Peveler, WW**, Coots, J & Schofstall, J. Effects of glove and hand wraps on grip strength in mixed martial arts.
- **Peveler, WW** & Titcomb, D. Validity and Reliability of commercially available accelerometers for determining punch count and average velocities. (Data collection).
- **Peveler, WW**, Bosak, M & Titcomb, D. Effects of mixed martial arts training on bone density. (IRB submitted).

Books

- Peveler WW. Train Like a Pro book series. Lanham, MD; Roman Littlefield.
 - Peveler WW. Strength and conditioning for mixed martial arts. Lanham, MD;
 Roman Littlefield, 2021.
 - Peveler WW. Training for obstacle course racing. Lanham, MD; Roman Littlefield, 2021.
 - Peveler WW. Training for mountain biking. Lanham, MD; Roman Littlefield, 2021.
- **Peveler WW.** Athletic Movement Skills Study Guide and Exam. Champaign, IL; Human Kinetics, 2019.
- **Peveler WW.** Triathlon Training Fundamentals. Guilford, CT; Lyons Press, 2014.
- **Peveler WW**. *The Complete Book of Road Cycling and Racing*. New York, NY; McGraw-Hill, 2009.

Other Publications

- Contributor to LIVESTRONG.com
 - o 36 articles

Presentations

- **Peveler, WW**, Schoffstall, J, Kilian, J, Glauser, J, Coots, J. The Effects of Boxing Glove Size on Thumb Position When Making a Fist for Striking. *National Strength and Conditioning Association Conference*, 2023.
- **Peveler, WW**, Schoffstall, J, Coots, JG, Kilian, J, Glauser, J. The Effects of Mixed Martial Art Glove Design On Thumb Position When Striking. *American College of Sports Medicine Conference*, 2023.
- **Peveler, WW**, Shofstall, J. The effects of boxing glove design on thumb position when making a fist for striking. *National Strength and Conditioning Association Conference*, 2022.
- Hale, WD, Kollock, RO, Sanders, G, Peveler, WW. Examining the Association of Aerobic Capacity and Economy with Performance of Simulated Fire Suppression Activities. National Strength and Conditioning Association Conference, 2022.
- Hale, WD, Kollock, RO, Sanders, G, Peveler, WW. The Proportion of Casualties Suffered by Firefighters Across Physical Abilities Test Performance Levels. *National Strength and Conditioning Association Conference*, 2022.
- Kollock, RO, Hale, WD, Thomas, J, Sanders, G, **Peveler, WW**. The Impact of Anthropometrics on Dynamic Stability While Wearing Fire-Specific Equipment and Gear. *National Strength and Conditioning Association Conference*, 2022.
- **Peveler, WW**. The effect of a familiarization trial on 20km time trial performance in experienced cyclists. *National Strength and Conditioning Association Conference*, 2019.
- McLaury, C, Thomas, J, Long, A, Bont, A, Hale, D, Sanders, G, Peveler, W, Dawes, J and Kollock, R. The Influence of Prior Load Carriage on Drop Jump Landing Kinetics. Central States American College of Sports Medicine Conference, 2019.
- Long, A, Thomas, J, McLaury, C, Hale, D, Sanders, G, **Peveler**, W, Dawes, J and Kollock, R. The Effects of Load on Static Stability in Fire Fighter Cadets. *Central States American College of Sports Medicine Conference*, 2019.
- Thomas, J, Long, A, McLaury, C, Hale, D, Sanders, G, **Peveler, W**, Dawes, J and Kollock, R. The Effects of Load on Limits of Stability in Fire Fighter Cadets. *Central States American College of Sports Medicine Conference*, 2019.

- **Peveler, WW**, Bosak, AM, & Sanders, G. Effects of Energy Drinks on Resting Cardiovascular Measures. *American College of Sports Medicine Conference*, 2018.
- Kelleran, KJ, **Peveler, WW**, & Bosak, AM. Fitness Essential to the Mission? The Shift in Military Physical Fitness in the 21st Century. *South East American College of Sports Medicine Conference*, 2018.
- **Peveler, WW**, Bosak, AM, & Sanders, G. Effects of Energy Drinks on Resting Cardiovascular Measures. *Mid-Atlantic American College of Sports Medicine Conference*, 2017.
- **Peveler, WW** & Sanders, G. Effects of energy drinks on cardiovascular and performance measures. *American College of Sports Medicine Conference*, 2016.
- Sanders, G.J., Peveler, W., Warning, B. The Effect of Three Different Energy Drinks on 1.5-Mile Running Performance, Oxygen Consumption, and Perceived Exertion. *International Society of Sports Nutrition Conference*, 2016.
- **Peveler, WW** & Sanders, G. Effects of energy drinks on performance and cardiovascular measures. *Midwest American College of Sports Medicine Conference*, 2015.
- Sanders, GJ, **Peveler**, W, & Holmer, B. The effect of three different energy drinks on oxygen consumption and perceived exertion during treadmill exercise. *International Society of Sports Nutrition Conference*, 2015.
- Holmer, B, **Peveler, WW**, & Sanders, GJ. The effect of three different energy drinks on perceived exertion during treadmill exercise. *Midwest American College of Sports Medicine Conference*, 2015.
- Warning, B, Peveler, WW, & Sanders, GJ. The Effect of Three Different Energy Drinks on Ratings of Perceived Exertion and 1.5 Mile Treadmill Performance. Midwest American College of Sports Medicine Conference, 2015.
- **Peveler, WW**, Shew, B, Johnson, S, Sanders, G, and Kollock, R. Heart rate at a Respiratory Exchange Ratio of 1.00 Accurately Predicts 20 KM Cycling Time Trail Performance. *Midwest American College of Sports Medicine Conference*, 2014.
- **Peveler, WW.** The Accuracy of Simulated Indoor Time Trials Using a CompuTrainer and GPS Data. *South East American College of Sports Medicine Conference*, 2013.
- **Peveler, WW** and Bosak A. Resistance Training for Triathletes: Research and Practical Application. One hour tutorial. *Midwest American College of Sports Medicine Conference*, 2011.

- Bosak, A. and **Peveler, WW.** Off Road Endurance Sports: Trail Running and Mountain Biking. Tutorial Presentation at the *Midwest American College of Sports Medicine Conference*, 2011.
- **Peveler, WW.** Resistance Training for Endurance Athletes. *Tennessee Association for Health, Physical Education, Recreation, and Dance Conference*, 2011.
- **Peveler, WW** and Bosak, A, and Wittenberg, DE. Training Considerations for Triathletes: Off-season resistance Training and the Mature Athlete. One hour tutorial. *Southeast American College of Sports Medicine Conference*, 2011.
- Sherrer, M and **Peveler, WW**. The Bioavailability of Lactate Dihydrate and Calcium Lactate Monohydrate. Poster presentation. *Southeast American College of Sports Medicine Conference*, 2011.
- **Peveler, WW**. Resistance Training for Triathletes. One hour tutorial. *Kentucky Association for Health, Physical Education, Recreation, and Dance Conference*, 2010.
- Bosak, A and **Peveler, WW.** Off-Road Endurance Sports: Trail Running and Mountain Biking. Seventy-five minute tutorial. *Southeast American College of Sports Medicine Conference*, 2010.
- **Peveler, WW**. The Effects of Saddle Height on Anaerobic Power in Highly Trained Cyclist. *National Strength and Conditioning Association Conference*, 2009.
- **Peveler, WW**. The Effects of Saddle Height on Economy in Highly Trained Cyclist. *National American College of Sports Medicine Conference*, 2009.
- **Peveler, WW**, and Green, JM. The Effect of Extrinsic Factors on Indoor 20k Time Trial Performance. *National American College of Sports Medicine Conference*, 2008.
- **Peveler, WW**, Pounders, J, and Bishop, P. Effects of Saddle Height on Anaerobic Power Production in Cycling. *Southeast American College of Sports Medicine Conference*, 2005.
- **Peveler, WW**, Bishop P, Richardson, M, and Smith, J. Effects of Training in an Aero Position on Metabolic Economy. *Southeast American College of Sports Medicine Conference*, 2004.
- **Peveler, WW**, Green, JM, and Bosak, AM. Accuracy of Assessing Resting and Exercise Heart Rate Using Pulse Palpation. *Southeast American College of Sports Medicine Conference*, 2001.
- Green, JM, **Peveler, WW**, Crews, TR, and Bosak, AM. Venilatory Threshold of Trained Aerobic, Trained Anaerobic, and Untrained Individuals. *WKU's research*

Conference, 2000.

Invited Speaker

- **Peveler, WW.** Training in a Hot Environment. *D-N-D Sports Performance, Rehabilitation, and Injury Prevention Conference*, 2023.
- **Peveler, WW.** Overtraining. *Juniata College Pennsylvania Strength and Conditioning Clinic*, 2021.
- **Peveler, WW.** Adaptations to Endurance Training. *Juniata College Pennsylvania Strength and Conditioning Clinic*, 2020.
- **Peveler, WW.** Strength and Conditioning for Combat Sports. *Juniata College Pennsylvania Strength and Conditioning Clinic*, 2019.
- **Peveler, WW.** Training in a Hot Environment. *Juniata College Pennsylvania Strength and Conditioning Clinic*, 2018.
- **Peveler, WW.** Ergogenic aids in sport performance. *Juniata College Pennsylvania Strength and Conditioning Clinic*, 2017.
- **Peveler, WW.** Resistance training for endurance athletes. *Juniata College Pennsylvania Strength and Conditioning Clinic*, 2016.
- **Peveler, WW**. Hydration and Sport. *Juniata College Pennsylvania Strength and Conditioning Clinic*, 2015.
- **Peveler, WW.** Human Performance in Combat Operations. *Tactical Strength and Conditioning Conference*, 2014.
- **Peveler, WW**. Ergogenic Aids in Sports. *Juniata College Pennsylvania Strength and Conditioning Clinic*, 2014.
- **Peveler, WW.** Off-Season Resistance Training for Endurance Athletes: Research and Practical Application. *National Strength and Conditioning Conference*, 2013.
- **Peveler, WW.** Training in the heat: physiological response, adaptation, and coping and prevention strategies. *Juniata College Pennsylvania Strength and Conditioning Clinic*, 2013.
- **Peveler, WW.** Muscle Fiber Nomenclature and Motor Unit Recruitment. *Juniata College Pennsylvania Strength and Conditioning Clinic*, 2012.
- Peveler, WW. Heat Related Illness: Physiology. Kentucky Athletic Trainers' Society,

2011.

- **Peveler, WW.** Mechanisms of Fatigue. *Juniata College Pennsylvania State Strength and Conditioning Clinic*, 2011.
- **Peveler, WW.** The Principles of Bioenergetics and their Application to Sport Performance. *Juniata College Pennsylvania State Strength and Conditioning Clinic*, 2010.
- **Peveler, WW.** Functional Training for Triathletes. *Mid-Atlantic American College of Sports Medicine Conference*, 2008.
- **Peveler, WW.** Meet the "Experts". *Mid-Atlantic American College of Sports Medicine Conference*, 2008.
- **Peveler, WW.** The Science of Cycling, Bike Fit and Performance and Off Season Training. *Juniata College Pennsylvania State Strength and Conditioning Clinic*, 2008.
- **Peveler, WW.** Strength Training for Endurance Athletes: The latest Research. *National Strength and Conditioning Association Arkansas State Clinic*, 2008.
- **Peveler, WW.** Exercise Prescription for Special Populations. *American College of Sports Medicine certification Workshop*, 2005.

Grants Received

- Received \$98,218 (\$49,109 x 2 years) KBRIN NIH grant (May, 2014).
- Received two \$3000 seed grant (\$6,000 total) from NKU Research, Grants and Contracts for the 2013-2014 year.
- Received \$600 camera upgrade from Innovision systems
- Received \$11,995 for 3D analysis software update through NKU ITAC grant
- Received \$3,000 seed grant from NKU Research, Grants and Contracts (2011).
- Received \$5,000 in 3D software upgrade from Innovision Systems (2010).
- Received \$5,685.95 research grant from the Northern Kentucky University Faculty Senate benefits committee (2010).
- Received summer research stipend (Equivalent to 6% of salary) from UCA faculty research committee for summer 2008.
- Received \$3,000 dollar grant to purchase equipment for research from faculty research committee MUW.
- Received \$1,564.00 dollar grant to purchase equipment for research from faculty research committee MUW.
- Received \$1,564.00 dollar grant to purchase equipment for research from faculty research committee MUW.
- Awarded graduate fellowship at University of Alabama.

- Equipment donated by Syntace for research in the lab UA.
- Received \$300.00 grant in order to purchase equipment for research WKU.

Grants Submitted

- Acquisition of h/p Cosmos Treadmill. National Science Foundation Grant: Major Research Instrumentation Requested funding: \$184,424.90.
- The Effect of Strenuous Exercise on Marksmanship Scores. Air Force Research Laboratory, 711th Human Performance Wing. Requested funding: \$55,000.

Reviewer

- Biomechanics: A Case-Based Approach, Jones and Bartlett Learning
- Journal of Sports Medicine
- Central Sates ACSM abstract reviewer (annual meeting 2008)
- Arkansas Department of Higher Education SURF (Student Undergraduate Research Fellowship) Grant (2008).
- Brink, T. The Complete Mountain Biking Manual. McGraw-Hill; 1 edition
- Journal of Sport Rehabilitation
- Journal of the International Society of Sports Nutrition
- Journal of Sports Science
- Medical Science Monitor
- Journal of Medicinal Foods
- International Journal of Exercise Science.

Coaching:

- Assistant coach at The Edge Martial Arts
- Instructor at Gary Williams Martial Arts
- Western Kentucky University Cycling Team
- University of Alabama Cycling Team
- Coach The Leukemia & Lymphoma Society's Team in Training for triathlon and cycling.

Academic Awards/Honors

- 2011Faculty Excellence in Performance in Scholarly or Creative Activity NKU.
- Outstanding graduate student in the department of physical education WKU.
- Graduate Fellowship awarded from the college of education, UA.
- Dissertation research award; Most Outstanding Dissertation, UA.

Military Service:

- **US Navy Diver-**1989-1993 (active), 1993-1997 (IRR)
 - o NTC, San Diego, CA
 - o NAVSUBTREPAC, Pearl Harbor, Hawaii
 - o USS Yellowstone, Norfolk, VA
 - o Gulf War Veteran
- US Army Reserve Diver/Drill Seargent-1997-2000

- o 100th Div.
- o Qualifications
 - Diver
 - Drill Sergeant
 - Airborne

• Military Awards/Honors:

- o Army Commendation Medal
- o Army Achievement Medal
- o Navy Unit Commendation Medal
- National Defense Service Medal
- o Southwest Asia Service Medal with two Bronze Stars
- o Kuwait Liberation Medal
- o Professional Development Ribbon
- o Battle "E" Service Ribbon
- o Sea Service Deployment Ribbon (2nd Award)
- o Good Conduct Award