

Curriculum Vitae

Veronika Pribyslavska, PhD

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EDUCATION

Doctor of Philosophy, December 2017

Health and Human Performance (Exercise Science Concentration)

Middle Tennessee State University, Murfreesboro, TN

Master of Science, July 2014

Health and Human Performance (Exercise Science Concentration)

University of North Alabama, Florence, AL

Bachelor of Science, May 2013

Exercise Science with Wellness Emphasis

Murray State University, Murray, KY

Summa Cum Laude

TEACHING EXPERIENCE

Assistant Professor in Exercise Science, Arkansas State University

Primary instructor:

ES 4863 – Internship (Summer 2018)

ES 4763 – Kinesiology – (Summer 2018, Fall 2018)

ES 3623 – Techniques of Physiological Assessment – 3 sections (Spring 2018, Fall 2018)

ES 3543 – Fundamentals of Motion and Human Anatomy – online (Summer 2018, Fall 2018)

Instructor in Exercise Science, Arkansas State University

Primary instructor:

ES 3543 – Fundamentals of Motion and Human Anatomy - online (Fall 2017)

ES 3553 – Basic Physiology of Exercise (Fall 2017)

ES 3623 – Techniques of Physiological Fitness Assessment (Fall 2017)

Graduate Teaching Assistant, Middle Tennessee State University

Primary instructor:

EXSC 3831 – Physiology of Exercise Lab (Fall 2014, 2015, 2016; Spring 2015, 2016)

EXSC 3500 – Exercise Techniques and Leadership (Fall 2015, 2016; Spring 2016, 2017)

EXSC 4240 – Principles of Exercise Assessment for Healthy Populations (Summer 2016; Fall 2016; Spring 2017)

EXSC 4250 – Internship (Summer 2015)

Assistant to instructor:

EXSC 3830 – Physiology of Exercise (Spring 2015)

EXSC 3500 – Exercise Techniques and Leadership (Spring 2015)

EXSC 4240 – Principles of Exercise Assessment for Healthy Populations (Summer 2015; Fall 2015; Spring 2016)

EXSC 4260 – Principles of Exercise Assessment for Special Populations (Summer 2017)

Graduate Research Assistant, University of North Alabama

Assistant to instructor:

HPE 353 Exercise Physiology (Spring 2014)

HPE 175 Essentials of Healthy Living (Fall 2013; Spring 2014; Summer 2014)

PROFESSIONAL EXPERIENCE

Tenure-track Assistant Professor, Arkansas State University

January 2018 – present

Responsibilities: Primary instructor of undergraduate level Exercise Science courses.

Instructor, Arkansas State University

August 2017 – December 2017

Responsibilities: Primary instructor of undergraduate-level Exercise Science courses.

Graduate Teaching Assistant, Middle Tennessee State University

August 2014 – July 2017

Responsibilities: Primary instructor and teaching assistant to instructor of undergraduate level Exercise Science courses. Assisting with spinal cord injury underwater treadmill rehabilitation program. Routine maintenance of laboratory equipment (metabolic analyzer, cycle ergometers, DEXA scan). Supervising undergraduate internship. Revising curriculum and course material. Assisting faculty with extracurricular activities.

Graduate Research Assistant, University of North Alabama

August 2013 – July 2014

Responsibilities: Participant recruitment and scheduling. Performing blood lipid and glucose profile and fitness testing for undergraduate students. Supervising undergraduate fitness testing. Mentoring undergraduate students in the Human Performance Research Group. Assisting instructors with leading courses for Exercise Science students. Data collection and analysis for thermoregulation, hydration, lactate, and stress testing research projects.

RESEARCH

Accepted publications:

- Přibyslavská, V.**, Caputo, J. L., Coons, J. M., & Barry, V. W. (2018). Impact of EPOC adjustment on estimation of energy expenditure using activity monitors. *Journal of Medical Engineering and Technology*. (in print).
- O'Neal, E. K., Johnson, S. L., Davis, B. A., Stevenson, M. C., & **Přibyslavská, V.** (2018). Urine specific gravity as a practical marker for identifying sub-optimal fluid intake of runners ~12-h post-exercise. *International Journal of Sport Nutrition and Exercise Metabolism*. (in print).
- Přibyslavská, V.**, Scudamore, E. M., Johnson, S. L., Green, J. M., Stevenson, M. C., Lowe, J. B., & O'Neal, E. K. (2016). Influence of carbohydrate mouth rinsing on running and jumping performance during early morning soccer scrimmaging. *European Journal of Sport Science*, 16(4), 441-447.
- Lowe, J. B., Scudamore, E. M., Johnson, S. L., **Přibyslavská, V.**, Stevenson-Wilcoxson, M. C., Green, J. M., & O'Neal, E. K. (2016). External loading during daily living improves high intensity tasks under load. *International Journal of Industrial Ergonomics*, 55, 34-39.
- Scudamore, E. M., Lowe, J. B., **Přibyslavská, V.**, Johnson, S. L., Stevenson, M. C., Langford, T. W., Green, J. M., & O'Neal, E. K. (2016). Three-week hypergravity training intervention decreases ground contact time during repeated jumping, and improves sprinting, and shuttle running performance. *International Journal of Exercise Science*, 9(2), 4.
- Stevenson-Wilcoxson, M. C., Johnson, S. L., **Přibyslavská, V.**, Green, J. M., O'Neal, E. K. (2016). Fluid retention and utility of practical hydration markers to detect 3 levels of recovery fluid intake in male runners. *International Journal of Sport Nutrition and Exercise Metabolism*, 1-21.
- Holm, R. L., **Přibyslavská, V.**, Johnson, S. L., Lowe, J. B., Stevenson-Wilcoxson, M. C., Scudamore, E. M., Green, J. M., Katica, C. P., & O'Neal, E. K. (2015). Ice towel and slurry ingestion pre- and mid scrimmage cooling does not improve sprint or shuttle running performance in female soccer players. *International Journal of Exercise Science*, 8(4), 331-340.

Current projects:

- Sayer, B., Scudamore, E. M., Church, B., & **Přibyslavská, V.** (2018). Effects of different recovery methods in military. *Thesis chair*.
- Griffin, J., Scudamore, E. M., **Přibyslavská, V.**, Northcutt, M. (2018). The effect of a 12 week Kempo karate program on physical fitness, aggression, and attentiveness in 4 to 14 year-old children. *Honors thesis committee member*.
- Scudamore, E. M., **Přibyslavská, V.**, Wheeler, A., DeLon, J., Naraganti, M. (2018). The effect of Gender on the Accuracy of Time-Trial Based VO₂mx and lactate threshold predictions.
- Přibyslavská, V.**, Coons, J. M., Caputo, J. L., & Barry, V. W. (2018). Comparison of commercially available activity monitors in estimating energy expenditure and heart rate during gym-based activities.

Langford, T. W., Barry, V. W., & **Přibyslavská, V.** (2018). Playing Pokemon Go is Associated with Higher Daily Total Energy Expenditure. *In review*.

Presentations:

Korak, J. A., Paquette, M. R., Fuller, D. K., **Přibyslavská, V.**, Caputo, J.L., & Coons, J. M. Muscle Activation Patterns of Lower Body Musculature Among Three Traditional Lower Body Exercises in Trained Women. Abstract to the Annual Meeting of the American College of Sports Medicine. May 2018; Minneapolis, MN.

Přibyslavská, V., Davis, B. A., & Coons, J. M. Comparisons of volume between agonist-antagonist paired sets and traditional sets. National American College of Sports Medicine Conference; June 2016: Boston, MA.

Přibyslavská, V., Scudamore, E. M., Johnson, S. L., Green, J. M., Stevenson, M. C., Lowe, J. B., & O'Neal, E. K. Influence of carbohydrate mouth rinse on running and jumping performance during early morning soccer scrimmaging. Southeastern American College of Sports Medicine Regional Conference; February 2015: Jacksonville, FL.

Přibyslavská, V., Holm, R. L., Scudamore, E. M., Johnson, S. L., Langford, T. W., Stevenson, M. C., Lowe, J. B., Neal, K. K., Kelly, A., Stewart, S. D., Green, J. M., & O'Neal, E. K. Pre- and mid scrimmage cooling does not improve sprint or shuttle running performance in female soccer players. Southeastern American College of Sports Medicine Regional Conference; February 2014: Greenville, SC. (Approved for presentation, cancelled due to inclement weather).

Davis, B. A., O'Neal, E. K., Johnson, S. L., **Přibyslavská, V.**, & Farley, R. S. Ad libitum fluid replacement threshold evidenced in runners at 12-h post-run in hot environment. National American College of Sports Medicine Conference; June 2016: Boston, MA.

Lowe, J. B., Scudamore, E. M., Stevenson-Wilcoxon, M. C., Johnson, S. L., **Přibyslavská, V.**, Langford, T. W., Green, J. M., & O'Neal, E. K. Three weeks of chronic hypergravity training improves tactical athlete anaerobic tasks. National American College of Sports Medicine Conference; May 2015: San Diego, CA

O'Neal, E. K., Stevenson-Wilcoxon, M. C., Johnson, S. L., **Přibyslavská, V.**, Green, J. M., Waddell, A.F., Lamm, A. N., & Heatherly, A. J. Hydration assessment technique responses over 24-h with low, moderate, and high fluid replacement in runners. National American College of Sports Medicine Conference; May 2015: San Diego, CA.

Johnson, S. L., Stevenson, M. C., **Přibyslavská, V.**, Green, J. M., Helm, J. A., & O'Neal, E. K. Hydration profile and sweat loss estimation of adolescent female gymnasts: A pilot study. Southeastern American College of Sports Medicine Regional Conference; February 2015: Jacksonville, FL.

Scudamore, E. M., Lowe, J. B., **Přibyslavská, V.**, Johnson, S. L., Stevenson, M. C., Langford, T. W., Green, J. M., & O'Neal, E. K. Three week chronic hypergravity training intervention improves anaerobic task performance in well-trained men. Southeastern American College of Sports Medicine Regional Conference; February 2015: Jacksonville, FL.

Stevenson, M. C., Johnson, S. L., **Přibyslavská, V.**, Waddell, A. F., Lamm, A. N., Heatherly A. J., Green, J. M., & O'Neal, E. K. 24-hour responses of USG and fluid retention in male runners during low,

moderate, and high fluid replacement. Southeastern American College of Sports Medicine Regional Conference; February 2015: Jacksonville, FL.

Waddell, A. F., Lamm, A. N., Heatherly, A. J., Stevenson, M. C., Johnson, S. L., **Přibyslavská, V.**, & O'Neal, E. K. Reliability of two automated refractometers to assess urine specific gravity in comparison to a manual refractometer. Southeastern American College of Sports Medicine Regional Conference; February 2015: Jacksonville, FL.

Simpson, J. D., Lowe, J. B., Scudamore, E. M., Stevenson, M. C., Johnson, S. L., **Přibyslavská, V.**, Langford, T. W., Green, J. M., & O'Neal, E. K. 21-days of chronic hypergravity training improves tactical athlete specific anaerobic tasks. Southeastern American College of Sports Medicine Regional Conference; February 2015: Jacksonville, FL.

External funding:

Přibyslavská, V., & O'Neal, E. K. (2014). Effects of a carbohydrate mouth rinse on sprinting and jumping performance of NCAA Division II female soccer players. The Sqwincher Co. (\$3820.00; 2013: not funded).

O'Neal, E. K., Stevenson, M. C., Johnson, S. L., & **Přibyslavská V.** Validity of urine specific gravity in male runners during low, moderate, and high fluid replacement following 3% loss of body mass. *Atago USA Inc.* (**\$13,882.70; January 2014: awarded**).

SERVICE

University and profession related:

Arkansas State University:

- Human Performance Lab Director
- Exercise Science Faculty Search Committee Member
- Recruitment and Retention Committee Member
- Diversity Committee Member
- Grievance Committee Member

Middle Tennessee State University:

- President of the Exercise Science Club (ESC) of Middle Tennessee State University (Fall 2015 – Summer 2017)
 - The ESC is a registered student organization established to enhance student development through professional and community service experience
 - Members of the club participate in various local community service events
 - The ESC has received funding that allows student members to travel to regional and national professional conferences
- Member of the ESC of Middle Tennessee State University (Fall 2014 – Summer 2017)
- Judge of Exercise Science undergraduate poster presentations at Middle Tennessee State University (Fall 2014 – Spring 2017)
- Reviewer for the International Journal of Exercise Science (Fall 2014 – present)

- Member of American College of Sports Medicine (Fall 2015 – present)
- Member of Southeastern chapter of American College of Sports Medicine (Fall 2013 – Spring 2017)

University of North Alabama:

- Member of the Human Performance Research Group (HPRG) of University of North Alabama (Fall 2013 – Summer 2014)

Professional:

Community related:

- Northeast Arkansas Mountain Bike Volunteer (August 2017 – present)
- Special Olympics Volunteer (April 2018 – present)
- FC Revolution – U13 girls head coach (May 2018 – present)
- Board member and volunteer for Endure Athletics, Murfreesboro, TN (November 2015 – Spring 2017)
 - Endure Athletics is a non-profit organization that is involved with homeless and unprivileged children to teach life skills through sports and exercise
 - Volunteer responsibilities: to help organize fundraising events, to help arrange and attend events to increase awareness about the organization, to assist with the After-school program
- Volunteer for Special Kids, Murfreesboro, TN (August 2014 – July 2017)
- Student volunteer at the Community Health Fair, Shelbyville, TN (Fall 2015)
- Volunteer for Special Olympics, Florence, AL (Fall 2013 – Summer 2014)

ADDITIONAL EXPERIENCE

Certifications and awards:

American College of Sports Medicine Certified Exercise Physiologists (expected December 2018)

Red Cross: CPR & AED Certification

Outstanding Senior in Exercise Science, Murray State University (May, 2013)

REFERENCES

Eric K O’Neal, PhD
 Professor, UNA
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 eoneal1@una.edu

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 Department Chair, MTSU
 (615) 898-5110
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 Professor, MTSU
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