

CURRICULUM VITAE**Keston Lindsay, Ph.D., MS, CSCS**klindsay@uccs.edu**10/5/2017****EDUCATION****Texas Woman's University**

Master of Science, Mathematics 2016

- Emphasis: Applied Statistics

Doctor of Philosophy, Kinesiology 2014

- Dissertation: *The effect of whole body vibration on lower-body resistance detraining.*
- Advisor: David Nichols, Ph.D.

Long Island University, Brooklyn Campus

Master of Arts, Psychology

Master of Science, Health Sciences

Bachelor of Science, Biology

Teaching Interests: Introduction to Statistics, Univariate, Bivariate, and Multivariate Statistical Methods, Statistical Packages.**Research Interests:** The underlying structure of fitness; occupational fitness; modes of strength and power training; application of statistics and measurement to sports science; performance and psychosocial outcomes of exercise and sport.**PROFESSIONAL CERTIFICATION/LICENSURE****National Strength and Conditioning Association**

- Certified Strength and Conditioning Specialist (ID: 200219696)

American Red Cross

- Lifeguard (ID: GTBOJV)

OTHER SKILLS**Learning Management Systems**

- BlackBoard
- Canvas

Statistical Packages

- SPSS (advanced)
- R (Intermediate)

EMPLOYMENT AND RELATED EXPERIENCE

Assistant Professor Department of Health Sciences, University of Colorado at Colorado Springs	8/2016 - present
Visiting Assistant Professor Department of Kinesiology, Texas Woman's University	6/2015 - 8/2016
Research Methodologist Center for Quantitative Inquiry, Texas Woman's University	9/2014 - 5/2015
Research Assistant Department of Mathematics and Computer Science, Texas Woman's University	6/2014 - 8/2014
Instructor Department of Psychology, North Central Texas College	8/2011 - 12/2011
Teaching Assistant Department of Biology, Texas Woman's University	7/2010 - 5/2015
Teaching Assistant Department of Kinesiology, Texas Woman's University	1/2010 - 8/2010
Research Assistant Institute for Women's Health, Texas Woman's University	1/2010 - 8/2010
Assistant Director of Building Operations Wellness, Recreation and Athletic Center, Long Island University	6/2007 - 8/2009
Adjunct Assistant Professor, Department of Sports Science, Long Island University	9/2002 - 8/2009
Assistant Strength and Conditioning Coach Department of Athletics, Long Island University, Brooklyn Campus	9/2000 - 5/2007
Food Service Specialist United States Marine Corps 4 th Service Support Group (Reserve)	6/1998-5-2003

TEACHING ACTIVITIES

Classes Taught

University of Colorado, Colorado Springs

Graduate

HS (Health Sciences) 7020: Research Methods

Undergraduate

HS 2060: Health Science Statistics (online & face-to-face formats)

Texas Woman's University

Graduate

KINS (Kinesiology) 5023: Methods of Research (hybrid format)

KINS 5033: Applied Statistics (online & face-to-face formats)

KINS 5683: Exercise Evaluation and Prescription

KINS 6113: Academic Life

Undergraduate

BIO (Biology) 1111: Essentials of Biology I

BIO 1211: Essentials of Biology II

KINS 3701: Practicum

KINS 4703: Exercise Testing and Prescription

KINS 4933/4943: Kinesiology Internship

ZOOL (Zoology) 2011: Human Anatomy and Physiology Lab I

ZOOL 2021: Human Anatomy and Physiology Lab II

ZOOL 2031: Combined Human Anatomy and Physiology Lab

ZOOL 4241: Mammalian Physiology

North Central Texas College

PSY (Psychology) 2301: Introduction to Psychology

Long Island University, Brooklyn Campus

OS (Orientation Seminar)-1: Freshman Year Programs

SPS (Sports Science) 80: Beginning Fitness

SPS 81: Intermediate Fitness

SPS 98: Weight Training

Development of New Courses

University of Colorado, Colorado Springs

Graduate

HSCI 5010 Research and Statistical Design

Undergraduate
HSCI 3100 Statistics & Research Methods

Master's Thesis Student Committee-Member

University of Colorado, Colorado Springs

Shelby Barter (2017-2018): Work related stress and its correlation to disordered eating behaviors in athletic trainers

Kim Catlett (2017-2018): TBD

Project Consultation Activity

University of Colorado, Colorado Springs

Graduate

Libby Jensen (2018): TBD

Diana Crespo (2016-2017): Does body mass index influence the physiological and perceptual demands associated with defensive tactics training in state patrol officers?

Jennifer Bero (2016 - 2017). The influence of fitness on performance in an occupationally specific physical agility test among law enforcement officers.

Undergraduate

LaToyia Thurman (2017). Effects of Roux-En-Y gastric bypass (RYGB) surgery on hepatic respiratory control: a potential therapeutic mechanism improving metabolic health.

Kaylynn Sines (2017). The relationship between mitochondrial function and neuronal health in the central nervous system: a potential role of erythropoietin with aging?

Kristin Edwards (2017). The relationship between mitochondrial function and neuronal health in the central nervous system: a potential role of erythropoietin in early development?

Dissertation Consultation Activity

Texas Woman's University

Andjelka Pavlovic (2014). Effect of whole body vibration on balance and bone density in female college students.

Jonna Belanger (2014). Texas high school track and field coaches' intentions to include athletes with disabilities on their athletic team.

Michelle Enos (Ferrer, 2014). A sport motivation profile of military personnel with PTSD who participate in adapted sport.

Pimara Thongsaeng (2014). Perceptions of sexual practices among undergraduate students in a Rajabhat university.

Angela Boisselle (2015). Student and faculty perspectives on creative thinking across the Master of Occupational Therapy program.

Pamela Cioffi (2015). Examining the cultural bias and linguistic demand of three neuropsychological assessment batteries for children in a mixed clinical population.

Elizabeth Foster (2015). Impact of vision and hearing loss on the developmental milestone of walking in individuals with CHARGE syndrome.

Kelli Bentel (2015). The role of anxiety in individuals growing up with autism: an adult's perspective.

Jacquelyn Wilson (2015). Disability sport: a consumer behavior analysis.

Thesis Consultation Activity

Texas Woman's University

Aniqua Jafri (2014). Developing and using a methodology for recovering and separating unsaponifiables from cottonseed oil deodorizer distillate using a centrifugal molecular distillation process.

Cammy Boaz (2015). Analyzing the success of non-traditional students in supplemental instruction supported courses, through the use of logistic regression.

Janie Foreman (2015). Cardiorespiratory response during exercise on an aquatic treadmill and land treadmill in adults with type II diabetes.

Professional Paper Consultation Activity

Texas Woman's University

Chelsea Johncock (2014). Heart rate and oxygen consumption during aquatic treadmill and land treadmill exercise.

SCHOLARSHIP/CREATIVE ACHIEVEMENTS

***Denotes student author**

Publications

Dawes, J.J., **Lindsay, K.**, *Bero, J., Elder, C., Kornhauser, C., & Holmes, R. (2017). Physical fitness characteristics of high versus low performers on an occupationally specific Physical Agility Test

(PAT) for patrol officers. *Journal of Strength & Conditioning Research*, 31(10), 2808-2815. doi: 10.1519/JSC.0000000000002082.

Marshall, D., & **Lindsay, K.** (2017). Comments and suggestions on defining and using p-values and null hypothesis tests. *American Review of Mathematics and Statistics*. 5(1), 1-6.

Lindsay, K., Ferrer, M., Davis, R., & Nichols, D. (2017). Psychometric properties of the WHOQOL-BREF amongst military wounded, injured and ill. *Mental Health Review Journal*, 22(2), 124-135.

Lindsay, K., Carlsen-Landy, B., Boaz, C., & Marshall, D. (2016). Predictors of student success in supplemental instruction courses at a medium sized women's university. *International Journal of Research in Education and Science*, 3(1), 208-217.

Accepted Publications

Dawes, J., Kornhauser, C., *Crespo, D., Elder, C., **Lindsay, K.**, & Holmes, R. (2017). Does body mass index influence the physiological and perceptual demands associated with defensive tactics training in state patrol officers? *International Journal of Exercise Science*.

Publications under revision

Lindsay, K.G., Nichols, D., Davis, R. & Marshall, D. (2017). The effect of whole body vibration in lower body resistance detraining in college age women.

Refereed Presentations

*Chennapragada, S., Weatherford, G., & **Lindsay, K.** (2017). Immigration trends in kinesiology higher education programs of the United States. Presented at the National Academy for Kinesiology in Higher Education (NAKHE) Conference, Orlando, FL (2017).

Dawes, J.J., **Lindsay, K.**, Kornhauser, C., & Holmes, R. (2016). Physical fitness predictors of performance on an occupationally specific physical ability course among highway patrol officers. Presented at the 2016 ASCA Conference on Applied Strength and Conditioning. Melbourne, AUS (2016). **Tactical Strength and Conditioning Australia (TSACA) award winner.**

Ferrer, M., **Lindsay, K.**, & Davis, R. (2016). Sport motivation and quality of life profile of wounded, injured & ill military personnel who participate in adapted sports. Presented at the National Consortium for Physical Education for Individuals with Disabilities, Washington D.C. (2016).

Weatherford, G & **Lindsay, K.** (2016). Knowledge, Attitude, and Behavior of Sport for Development: Instrument Development and Validation. Presented at the National Academy for Kinesiology in Higher Education Conference, San Diego, CA (2016).

Carlsen-Landy, Bev & **Lindsay, K.** (2015). How Mandatory Hybrid Supplemental Instruction Improves Success Rates in Classes with Traditionally High Failure Rates. Presented at the Southwest Social Science Association (2015).

Poster Presentations

Dawes, J., Kornhauser, C., *Crespo, D., Elder, C., **Lindsay, K.**, & Holmes, R. (2017). Does body mass index influence the physiological and perceptual demands associated with defensive tactics training in state patrol officers? Poster presentation at the University of Colorado, Colorado Springs Graduate Student Research Showcase, Colorado Springs, CO (2017).

Dawes, J.J., **Lindsay, K.**, *Bero, J., Elder, C., Kornhauser, C., & Holmes, R. (2017). The influence of fitness on performance in an occupationally specific physical agility test among law enforcement officers. Poster presentation at the University of Colorado, Colorado Springs Graduate Student Research Showcase, Colorado Springs, CO (2017).

*Thurman, L., **Lindsay, K.**, Neuner-Boyle, C., Edwards, K., Filipek, C., Sines, K., Gassmann, M., Lutz, T., & Jacobs, R. (2017). Effects of Roux-En-Y gastric bypass (RYGB) surgery on hepatic respiratory control: a potential therapeutic mechanism improving metabolic health. Poster presentation at the Colorado Springs Undergraduate Research Forum (CSURF), United States Air Force Academy, CO (2017).

*Sines, K., **Lindsay, K.**, Diaz, V., Thurman, L., Edwards, K., Filipek, C., Haider, T., Schneider-Gasser, E., Gassmann, M., Lundby, C., & Jacobs, R. (2017). The relationship between mitochondrial function and neuronal health in the central nervous system: a potential role of erythropoietin with aging? Poster presentation at the Colorado Springs Undergraduate Research Forum (CSURF), United States Air Force Academy, CO (2017).

*Edwards, K., **Lindsay, K.**, Kachapilly, N., Filipek, C., Sines, K., Thurman, L., Gassmann, M., Schneider-Gasser, E., & Jacobs, R. (2017). The relationship between mitochondrial function and neuronal health in the central nervous system: a potential role of erythropoietin in early development? Poster presentation at the Colorado Springs Undergraduate Research Forum (CSURF), United States Air Force Academy, CO (2017).

***Lindsay, K.**, Nichols, D., Davis, R., Marshall, D. (2014). The Effect of Whole Body Vibration on Lower Body Resistance Detraining, 2014. Presented at the Texas Woman's University Student Research and Arts Symposium, Denton, TX (2014).

***Lindsay, K.**, Fudin, R. (2005): A Psychological Profile of Anabolic-Androgenic Steroid Users. Presented at the Texas Woman's University Student Research and Arts Symposium, Denton, TX (2010).

Non-refereed Presentations

Lindsay, K. (2016). The Bare essentials of factor analytical techniques. Presented at the Department of Kinesiology, Denton, TX (2016).

Lindsay, K. (2013). What it means to be a graduate student in kinesiology. Presented at the Department of Kinesiology, Texas Woman's University, Denton, TX (2013).

Grant Proposals

Dawes, J., Kirby, J., & **Lindsay, K.** (2016). Live stronger: life skills curriculum for freshman student-athletes (NCAA grant; not funded).

Hutchins, A., Benton, M., Graham, H., & **Lindsay K.** (2016). SMART-GUT: Soy, mastectomy and resistance training, and gut microbiota (National Institutes of Health R1 grant; not funded).

Ferrer, M., Belanger, J., & **Lindsay, K.** (2016). Physical activity intentions and motivation of injured military personnel (SHAPE America grant; not funded).

Weatherford, G., & **Lindsay, K.** (2015). Knowledge, attitude and behavior of sport for development: instrument development and validation (Texas Woman's University Research Enhancement Proposal grant; not funded).

PROFESSIONAL SERVICE**Service to the Profession****National Strength and Conditioning Association**

Invited Reviewer (2017-present)

University of Colorado at Colorado Springs**University**

Pilot of new learning management system (Canvas; 2017-2018).

College

Beth-El College Faculty Affairs Committee (2017- present)

Department

Committee member

Exercise science faculty search (2017).

Contributor

Creation of new RPT (Reappointment, Promotion & Tenure) document (2017).

Task Force Member

Redesign of combined graduate research methods and statistics course (2017 - 2018).

Task Force Member

Redesign of combined undergraduate research methods and statistics course (2017 - 2018).

Texas Woman's University**Department**

Curriculum Development Committee for KINS 6113

2015

University

Facilitator of Research Methodology & Statistics TWU Pioneer Center for Academic Excellence	2015
Proctor Department of Fitness & Recreation, Texas Woman's University	2015 - 2016
Treasurer Taiwanese Student Association	2014 - 2015
Student Facilitator Delta Sigma Theta Sorority	2012

HONORS AND AWARDS

Psi Chi National Psychology Honor Society	2005
Alpha Epsilon Delta National Premedical Honor Society	2000
Phi Sigma National Biology Honor Society	2000
Brooklyn Bureau of Community Service Certificate of Appreciation	1999