

Curriculum Vita

Jeffrey N. Lowes, DC, CSCS, EP-C

Associate Professor
Liberty University
School of Health Sciences
Department of Health Professions
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Education

Doctor of Chiropractic (D.C.), 2004, New York Chiropractic College, Seneca Falls, NY

Bachelor of Science (B.S.), 2001, Liberty University, Lynchburg, VA
Major: Exercise Science
Minor: Chemistry

Summary of Graduate Credits Earned

- Accumulated over 40 credit hours in nutrition and metabolism, anatomy, physiology, environmental health, cell and tissue biology and biochemistry.
- Completed 170 credit hours towards my American Academy of Spine Physicians (AASP) Diplomate/Fellow

Teaching/Professional Experience

Associate Professor, Liberty University, Lynchburg, VA

- Residential School of Health Science, August 2011-Present
 - Teach a variety of Exercise Science and Kinesiology classes to residential student population.
 - Mentor and advise students in class choices, career planning, life pursuits and their relationship with the Lord.
 - Co-chair of syllabus review committee Aug 2012-May 2014
- LU Online School of Health Sciences, 2012 – Present
- Subject Matter Expert (SME), 2014-Present
 - Act as course supervisor for Applied Anatomy and Physiology I/II (HLTH 211/HLTH 212)
- Course Developer and Subject Matter Expert (SME), 2016-Present

Act as course developer and supervisor for Masters level Motor Learning and Performance (EXSC 545)

- Exercise Science Practicum Site Supervisor, 2010-Present

Allow students the opportunity to complete their exercise science practicum hours observing clinical chiropractic patient care.

- Liberty University Sports Performance, 2016-Present

Collaborate with other fellow professionals(Sports Medicine, Strength and Conditioning, Nutrition, Psychology and Exercises Science) to enhance performance of athletics.

- Instructional Mentor, January 2012- May 2014

Mentor a team of 20 online faculty members on University procedures and processes. Participate in conflict resolution with special situations between faculty members and students.

- General Medicine Office Site Supervisor, 2009-2011

Provided site for senior athletic training students to fulfill hours of observation and gain valuable experience in an integrated health setting.

Chiropractic Physician, Palmer Chiropractic Center of Lynchburg, Lynchburg, VA

Partner in a Family Practice, 2004-Present

Liberty University Sports Medicine Department, Lynchburg, VA

Team Chiropractor, 2005-Present

New York Chiropractic College, Seneca Falls, NY

Personal Trainer: Campus Fitness Center, 2002-2004

Monroe Community Hospital, Rochester, NY

Chiropractic Intern, 2003-2004

Lake Placid Olympic Training Center, Lake Placid, NY

Chiropractic Intern in conjunction with NYCC, 2004

Licensure/Certifications

Licensed Doctor of Chiropractic, Virginia State Medical Board, 2005-present

Certified Chiropractic Physician, National Board of Chiropractic Examiners (Parts I,II,III,IV and Physiotherapy), 2004-present

Certified Exercise Physiologist, American College of Sports Medicine, 2013-present

Certified Exercise Professional, Functional Movement Systems, 2012-present

Certified M1/2 Basic and Advanced Training, Graston Technique, 2013-present

Certified First Aid Instructor, National Safety Council Training Center Administration, 2013-present

Certified Healthcare Provider, American Heart Association, 2013-present

Certified Dry Needle Practitioner, Dry Needling Institute, 2015-present

Selective Functional Movement Assessment Level I (SFMA), Functional Movement Systems, 2016-present

Selective Functional Movement Assessment Level 2(SFMA), Functional Movement Systems, 2017-present

Certified Strength & Conditioning Specialist (CSCS), National Strength and Conditioning Association, 2017-present

Titleist Performance Institute(TPI) Certified, 2017-Present

Teaching Experience/Previous Courses Taught

Liberty University

EXSC 101- Introduction to Exercise Science

EXSC 310- Exercise Physiology

EXSC 311- Analysis of Human Movement

EXSC 433- Exercise Prescription for Special Populations

EXSC 461- Exercise Leadership

EXSC 545- Motor Learning and Performance

HLTH 105- Introduction to Health Professions

HLTH 211- Applied Anatomy and Physiology I

HLTH 212- Applied Anatomy and Physiology II

HLTH 221- Applied Human Anatomy and Physiology I

HLTH 222- Applied Human Anatomy and Physiology II

HLTH 252- Drugs in Society

HLTH 349- Introduction to Public Health

KINE 225- Weight Training and Conditioning

Project Advisor: Thesis Committees: Liberty University Honors Program

Honors Thesis Committee, Jamie Rogers, The Effects of Barefoot Running Using Two Running Styles on Lower Extremity Joint Reaction Forces. 2017

Honors Thesis Committee, Alyson Brantley, *Archery: Who Would Have Thought*. 2016

Honors Thesis Chairman, Jessica Gibson, The Physical and Psychological Effects of Exercise on Parkinson's Patients. 2015.

Honors Thesis Chairman, Kaitlyn Quesinberry, *Advancement of Hippotherapy: Mechanisms, Current Data, Research Issues and the Role of God*. 2015.

Honors Thesis Chairman, Meghan Bowles, *Residual Effects of Injuries: Long-Term Effects of Acute vs Chronic Injuries in Collegiate Athletes*, 2014.

Honors Thesis Committee, Laura Gilbert, *The Effects of Obesity on Human Ambulation: A Lower Joint Analysis*, 2014.

Honors Thesis Committee, Cassandra Bernhart, *A Review of Stretching Techniques and Their Effects on Exercise*, 2013.

Honors Thesis Committee, Kimberly Dahl, *External Factors and Athletic Performance*, 2013.

Professional Presentations

2013 Poster Presentation: The Acute Effects of Deadlifting and Deadlifting with Resistance Bands on Vertical Jump, Annual Meeting of the Southeast Chapter of the American College of Sports Medicine.

2017 Program Administration, Safety, Emergency Procedures, Human Behavior and Counseling. American College of Sports Medicine Certified Exercise Physiologist Workshop. Lynchburg, VA.

2016 Program Administration, Safety, Emergency Procedures, Human Behavior and Counseling. American College of Sports Medicine Certified Exercise Physiologist Workshop. Lynchburg, VA.

2015 Program Administration, Safety, Emergency Procedures, Human Behavior and Counseling. American College of Sports Medicine Certified Exercise Physiologist Workshop. Lynchburg, VA.

2014 Program Administration, Safety, Emergency Procedures, Human Behavior and Counseling. American College of Sports Medicine Health and Fitness Specialist Workshop. Lynchburg, VA.

2014 Health and Fitness Programming, Programming for Special Populations. American College of Sports Medicine Health and Fitness Specialist Workshop. Lynchburg, VA.

2013 Health and Fitness Programming, Programming for Special Populations. American College of Sports Medicine Health and Fitness Specialist Workshop. Lynchburg, VA.

2012 Health and Fitness Programming, Programming for Special Populations. American College of Sports Medicine Health and Fitness Specialist Workshop. Lynchburg, VA.

Lay Presentations

Lowes,J. Functional Movement and Integrated Sports Performance. Liberty University Sports Performance team. Lynchburg, VA, October 2016

Lowes,J. Overview of the Chiropractic Profession and application guidelines. Liberty University Exercise Science Club. Lynchburg, VA, September 2015, October 2016

- Lowes, J.** Role of Chiropractic within a Sports Medicine Team. Lynchburg College Exercise Physiology/Athletic Training students. Lynchburg, VA, March 2015.
- Lowes, J.** Anatomy and Physiology of the Low Back Patient. Lynchburg College Athletic Training students. Lynchburg, VA, February 2010.
- Lowes, J.** Role of Chiropractic in Sports Medicine. Liberty University Athletic Training students. Lynchburg, VA, April 2010.
- Lowes, J.** The Spine- and how it relates to optimizing athletic performance. Lynchburg College Athletic Training students. Lynchburg, VA, October 2009.
- Lowes, J, Palmer, A.** *Orthopedic and Chiropractic Co-management of Low Back Pain.* Orthopedic Center of Central Virginia. Lynchburg, VA. September 2009.
- Lowes, J.** Chiropractic and its role in the medical treatment of college athletes. Liberty University Athletic Training students. Lynchburg, VA. February 2009.
- Lowes, J.** Sacroiliac joint dysfunction and its effects on the distance runner. Liberty University Exercise Science students. Lynchburg, VA. October 2008.
- Lowes, J.** The Effects of Exercise on the Geriatric Patient. Summit Assisted Living. Lynchburg, VA. March, 2008

Conferences/Trainings Attended

- 2017 Titleist Performance Institute (Level 1) Certification Course, Newark, NJ
- 2017 Selective Functional Movement Assessment (Level 2) Certification Course, Raleigh, NC
- 2016 Selective Functional Movement Assessment (Level 1) Certification Course, Herndon, VA
- 2016 Southeast American College of Sports Medicine Conference, Greenville, SC
- 2015 Dry Needling Institute- Dry Needling Certification Course, Rockville, MD
- 2015 Southeast American College of Sports Medicine Conference, Jacksonville, FL
- 2014 Graston Technique M2 Advanced Training, Charlotte, NC
- 2013 Southeast American College of Sports Medicine Conference, Greenville, SC
- 2013 Graston Technique M1 Basic Training, Lynchburg, VA
- 2012 Functional Movement Systems Certification Course, Lynchburg, VA
- 2012 American Heart Association CPR and AED Certification Course, Lynchburg, VA
- 2009 Role of advanced imaging in spine care (Dr.Hosler), Orthopedic Center of Central VA, Lynchburg, VA

2007 Cox Distraction Technique Seminar, Atlanta, GA

Membership in Professional Organizations

National Strength & Conditioning Association (NSCA) 2016-present

American College of Sports Medicine (ACSM) 2012-present

Southeast American College of Sports Medicine (SEACSM) 2012-present

Lynchburg Chiropractic Association 2005-present

Virginia Chiropractic Association 2015- present

Lynchburg College Medical Advisory Board, 2008-2011