

LAUREN S. ROE, MS
Curriculum Vitae

CONTACT

Email: Lauren.S.Roe@pitt.edu

EDUCATION

2020-Present	PhD (In progress)	University of Pittsburgh, Pittsburgh, PA Epidemiology Advisor: Jane A. Cauley, DrPH
2016-2018	MS	Wake Forest University, Winston-Salem, NC Health and Exercise Science Advisor: Kristen Beavers, PhD, MPH, RD Thesis: Effect of Intentional Weight Loss on Mortality Biomarkers in Older Adults with Obesity
2012-2016	BS	Elon University, Elon, NC Exercise Science Minor in Public Health Advisor: Svetlana Nepocatych, PhD

APPOINTMENTS AND POSITIONS

Academic

2022-Present	Aging Pre-Doctoral T32 Fellow University of Pittsburgh School of Public Health Center for Aging and Population Health
2020-2021	Graduate Student Researcher SOMMA Bone Ancillary Study (Co-PI: Elsa Strotmeyer, Jane A. Cauley) University of Pittsburgh School of Public Health, Department of Epidemiology Pittsburgh, PA
2016-May 2018	Graduate Research Assistant (NCT02730988, NCT03080246) Wake Forest University, Department of Health and Exercise Science Winston-Salem, NC

Non-Academic

2018-2020	Clinical Research Specialist University Hospitals Harrington Heart and Vascular Institute Translational Science Unit
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Cleveland, OH

- 2017-May 2018 New Member Coordinator
Healthy Exercise and Lifestyle ProgramS (HELPS)
Winston-Salem, NC
- 2016-2017 Graduate Student Intern
HELPS
Winston-Salem, NC
- 2014-2016 Exercise Science Lab Manager
Elon University Department of Exercise Science, Elon, NC

CERTIFICATION AND LICENSURE

- 2019-Present ACLS Certified
American Heart Association
- 2017-Present ACSM Certified Clinical Exercise Physiologist
American College of Sports Medicine
- 2016-2020 BLS Certified
American Red Cross

MEMBERSHIP IN PROFESSIONAL AND SCIENTIFIC SOCIETIES

- 2021-Present American Society of Bone and Mineral Research
- 2020-Present Gerontological Society of America
- 2015-Present American College of Sports Medicine

HONORS

- 2018 3 Minute Thesis Award Winner
<https://www.youtube.com/watch?v=z9hILOjvGWY>
Wake Forest University Graduate School
- 2016-2018 Full Tuition Scholarship
Wake Forest Graduate School
- 2015-2016 Outstanding Exercise Science Major of the Year
Elon University
- Summer 2015 Summer Undergraduate Research Experience Recipient

Elon University

February 2016 Undergraduate Poster Award Nominee
Southeast ACSM Annual Meeting, Greenville, SC

PROFESSIONAL ACTIVITIES

Teaching

2016-2018 Graduate Teaching Assistant
Introduction to Health and Exercise Science (HES 101), 1 credit, taught 8
classes
Wake Forest University

2015-2016 Undergraduate Teaching Assistant
Exercise Testing and Prescription (ESS 424), 4 credits
Elon University

Spring 2014 Undergraduate Teaching Assistant
Anatomy Lab (BIO 263), 1 credit
Elon University

Fall 2014 Undergraduate Teaching Assistant
Elon 101 (ELN 101)
Elon University

Other teaching (lectures, tutorials and continuing education courses)

3/2018 Community workshop: National Physical Activity/Exercise
Recommendations and Resources to Meet those Recommendations
Cooperative Baptist Fellowship of North Carolina

PUBLICATIONS AND PRESENTATIONS (NOTE: name change from Lauren N. Shaver to Lauren S. Roe in 2021)

Peer-reviewed manuscripts

Roe, L.S., Harrison, S., Cawthon, P.M., Moored, K.D., Qiao, Y., Ensrud, K., Stone, K., Pettee Gabriel, K., Cauley, J.A; MrOS Group. The association of daily sedentary and active (light/moderate/vigorous) bout frequency with mortality risk in older men using accelerometry. *Submitted to The Journal of Gerontology: Medical Sciences.*

Moored KD, Qiao YS, Boudreau R, **Roe LS**, Cawthon PM, Cauley JA, Glynn NW; MrOS Group. Prospective Associations between Physical Activity and Perceived Fatigability in Older Men: Differences by Activity Type and Baseline Marital Status. *J Gerontol A Biol Sci Med Sci.* 2022 Feb 4. doi: 10.1093/gerona/glac030. *Accepted.* PMID: 35134905.

Patterson A.J., Sarode A., Al-Kindi S., **Shaver L.**, Thomas R., Watson E., Alaiti M.A., Liu Y., Hamilton J., Seiberlich N., Rashid I., Gilkeson R., Schilz R., Hoit B., Jenkins T., Zullo M., Bossone E., Longenecker C., Simonetti O., Rajagopalan S. Evaluation of dyspnea of unknown etiology in HIV patients with cardiopulmonary exercise testing and cardiovascular magnetic resonance imaging. *Journal of Cardiovascular Magnetic Resonance*. 2020; 22(1): 74. doi: 10.1186/s12968-020-00664-6. PMID: 33040733; PMCID: PMC7549205.

Shaver L.N., Beavers D.P., Kiel K., Kritchevsky S.B., and Beavers K.M. Effect of Intentional Weight Loss on Mortality Biomarkers in Older Adults with Obesity. *Journal of Gerontology: Medical Sciences*. 2019; 74(8):1303-1309. doi: 10.1093/gerona/gly192. PMID: 30137218; PMCID: PMC7179512.

Shaver L.N., O'Neal E.K., Hall E.E., Nepocaty N. No Performance or Affective Advantage of Drinking versus Rinsing with Water during a 15-km Running Session in Female Runners. *International Journal of Exercise Science*. 2018; 11(2): 910-920. PMID: 30147823; PMCID: PMC6102191.

Presentations

Shaver, L.N., Beaver D.P., Kritchevsky S.B., and Beavers K.M. The Effect of Intentional Weight Loss on Biomarkers of Mortality in Older Adults with Obesity. International Conference on Frailty & Sarcopenia Research Annual Meeting, Miami, FL. 03/02/2018.

Shaver L.N., Hall E.E., O'Neal E.K., and Nepocaty N. Effects of Drinking vs Rinsing with Water on Physiological and Affective Response During a 15-km Running Session. Spring Undergraduate Research Forum, Elon, NC. 04/26/2016.

Posters

Roe, L.S., Harrison, S., Cawthon, P.M., Moored, K.D., Ensrud, K., Stone, K., Pettee Gabriel, K., Cauley, J.A. Association of Sedentary and Active Bout Frequency with Mortality in Older Men Using Accelerometry. Gerontological Society of America. 11/2021.

Cauley, J.A., Nevitt, M., Sun, K., **Roe, L.S.**, Maeda, J., Kwoh, K., Sharma, L., Jackson, R., Rubin, S., Hochberg, M. Knee Osteoarthritis and Mortality: The Osteoarthritic Initiate (OAI). American College of Rheumatology. 11/2021.

Patterson, A., Sarode, A., **Shaver, L.N.**, Al-Kindi, S., Alaiti, A., Zullo, M., Longenecker, C.T., Jenkins, T., Rajagopalan, S. Insights from Exercise Cardiac Magnetic Resonance Imaging (ExMR) With Cardiopulmonary Testing in HIV Patients. European Society of Cardiology, Paris, France. 08/31/2019.

Shaver, L.N., Beaver D.P., Kritchevsky S.B., and Beavers K.M. The Effect of Intentional Weight Loss on the Healthy Aging Index in Older Adults with Obesity. Southeast American College of Sports medicine Annual meeting, Chattanooga, TN. 02/15/2018; and Aging Re-Imagined DEAC Talks & Posters, Winston-Salem, NC. 05/03/2018.

Shaver L.N., Hall E.E., O’Neal E.K., and Nepoctych N. Physiological and Perceptual Response of Drinking vs Mouth Rinsing with Water During a 15-km Running Time Trial. American College of Sports Medicine (ACSM) Annual Meeting, Boston, MA. 06/02/2016.

Nepocatyh N., **Shaver L.N.**, Hall E.E. The Influence of Drinking vs Rinsing with Water During Prolonged Running Exercise on Affective Response. ACSM Annual Meeting, Boston, MA. 06/02/2016.

Shaver L.N., Hall E.E., O’Neal E.K., and Nepoctych N. Effects of Drinking vs Rinsing with Water on Physiologic and Affective Response During a 15-km Running Session. Summer Undergraduate Research Experience, Elon, NC. 07/24/2015; and Southeast ACSM Annual Meeting, Greenville, SC. 02/18/2016.

SERVICE

2020-Present	Student Liaison Committee PhD Student Representative University of Pittsburgh, Department of Epidemiology
2021-Present	EPI Gives Back Scholarship Committee University of Pittsburgh