

CURRICULUM VITAE

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Affiliations: [EXSS](#) | [HMSC](#) | [Epidemiology](#) | [HDPD](#) | [MHI](#)
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RESEARCH INTERESTS

I am cardiometabolic physiologist with public health training. I direct the [UNC Cardiometabolic Lab \(CML\)](#), where the long-term goal is to mitigate public cardiometabolic disease risk through the development of 24-hour activity cycle (24-HAC) guidelines that are accessible to all. The 24-HAC encompasses physical activity, sleep and sedentary behavior. To work toward the long-term goal our group is interested in these interrelated areas of enquiry:

- (i) Interactions between lifestyle behaviors and cardiometabolic disease etiology across the lifespan, with a particularly focus on sedentary behavior.
- (ii) The development and interpretation of methodologies for assessing cardiometabolic health.
- (iii) The translation of basic and applied science into public health outcomes.

RESEARCH OUTPUTS

The following are current as of: 2023-Apr-11.

Order	Outputs		
	Pub	Talk	All
First	60	82	142
Senior	90	130	221
Second	43	28	71
Mid	90	84	174
Total	283	324	608

Index	Stat	Definition	
#Citations	6,603	Total # cites	Link
h-Index	44	h pubs cited $\geq h$ X	Link
i10-Index	131	#Pubs cited >10X	Link
Most cited(yr)	2021-	$\geq 2\%$ most cited	Link

MyBibliography (NLM): <https://www.ncbi.nlm.nih.gov/myncbi/1f1jDyyApcmA8/bibliography/public/>

EXAMPLE PEER REVIEWED MANUSCRIPTS

Bartsch B, Faulkner J, Moore JB, Stoner L . Exercise prescription, intervention, dissemination, and implementation following transient ischemic attack or stroke. <i>Transl Behav Med</i> . Epub 36694928
Higgins S, Pomeroy A, Bates LC, Paterson C, Barone Gibbs B, Pontzer H, Stoner L . Sedentary behavior and cardiovascular disease risk: An evolutionary perspective. <i>Front Physiol</i> . 2022;13:962791. 35965885
Paterson C, Fryer S, Stone K, Zieff G, Turner L, Stoner L . The effects of acute exposure to prolonged sitting, with and without interruption, on peripheral blood pressure among adults: A meta-analysis. <i>Sports Med</i> . 2022; 52:1369-83. 34932203
Stoner L , Barone Gibbs B, Meyer ML, Fryer S, Credeur C, Paterson C, Stone K, Hanson E, Kowalsky RJ, Horiuchi M, Mack C, Dave G. A Primer on Repeated Sitting Exposure and the Cardiovascular System: Considerations for Study Design, Analysis, Interpretation and Translation. <i>Front Cardiovasc Med</i> . 2021; 8:716938. 34485414
Stoner L , Stone K, Zieff G, Blackwell J, Diana J, Credeur D, Paterson C, Fryer F. Endothelium function dependence of acute changes in pulse wave velocity and flow-mediated Slowing. <i>Vasc Med</i> . 2020; 25:419-26. 32490736
Stoner L , Kucharska-Newton A, Meyer M. Cardiometabolic health and carotid-femoral pulse wave velocity in children: a systematic review and meta-regression. <i>J Pediatr</i> . 2020; 218:98-105. 31810627
Stoner L , Meyer ML, Kucharka-Newton A, Stone K, Zieff G, Dave G, Fryer S, Credeur D, Faulkner J, Matsushita K, Hughes TM, Tanaka H. Associations Between Carotid-Femoral and Heart-Femoral Pulse Wave Velocity in Older Adults: The Atherosclerosis Risk in Communities (ARIC) Study. <i>J Hypertens</i> . 2020; 38:1786-93. 32371771
Kucharska-Newton A, Stoner L , Meyer ML. Determinants of vascular age: an epidemiological perspective. <i>Clin Chem</i> . 2019; 65(1):108-118. 30459170
Zieff GH, Heffernan K, Stone K, Fryer S, Credeur D, Hanson ED, Faulkner J, Stoner L . The pressure-dependency of local measures of arterial stiffness. <i>J Hypertens</i> . 2019; 37(5):956-963. 30431527
Stoner L , Willey Q, Evans W, Burnet K, Credeur D, Fryer S, Hanson ED. Effects of acute prolonged sitting on cerebral perfusion and executive function in young adults: a randomized cross-over trial. <i>Psychophysiology</i> . 2019; 56:e13457. 31420883
Stoner L , Matheson AG, Perry LG, Williams MA, McManus A, Holdaway M, Dimer L, Joe JR, Maiorana A. Social contributors to cardiometabolic diseases in Indigenous populations: an International Delphi study. <i>Public Health</i> . 2019; 31796166

176:133-11.

RESEARCH FUNDING

	PI	Co-I	Mentor	Other	Grand Total
Pending	\$3,112,915	\$12,760,664	\$408,094		\$16,281,673
Active	\$4,672,258	\$10,966,985	\$3,161,731		\$18,800,974
Complete	\$148,381	\$1,259,589	\$1,348,920	\$4,106,332	\$6,863,222
Total	\$7,933,554	\$24,987,238	\$4,918,745	\$4,106,332	\$41,945,869

Current as of: 2023-Apr-11.

EXAMPLE FUNDING

R01(NIH. PI: **Stoner**). Total: \$3,107,495. Direct: \$1,999,310. Title: Cardiovascular Outcome Negation & conSTRAINED Energy Dependency (CONSTRAINED) during Young Adulthood. 06/2023-06/2027. (PENDING)

R01HL162805A (NIH: NHLBI, PI: **Stoner**). Total: \$2,249,235, Direct: \$1,519,268. Title: Cardiometabolic disease prevention in college-based young adults: mapping a contextual sedentary behavior intervention. 06/2022-05/2026.

R01HL157187 (NIH: NHLBI, PI: **Stoner**). Total: \$2,853,697, Direct: \$1,935,766. Title: Sitting Behavior and Whole-body Cardiovascular Health: from Mechanism to Intervention. 03/2022-02/2026.

R01HL157075 (NIH: NHLBI, PI: Meyer, Boggess). Total: \$2,753,032, Direct: \$2,220,764. Title: Arterial Stiffness in Mother/Infant Dyads: A Life Course Approach to CVD prevention. 08/2021-07/2025.

R01NR017944 (NIH: NINR, PI: Yeo). Total: \$2,395,436, Direct: \$1,518,357. Title: Promoting stretching exercise to reduce cardiovascular health risk in late pregnant women with obesity. 08/2019-05/2024.

EXAMPLE SERVICE

Years	Description
2018-	Editorial: Trans J of ACSM; Sci Reports; Front Cardiovasc Med; Front Physiol
2018-	National Committee: Exercise is Medicine (EIM) – Underserved & Community Health
2017-	Founder & Director: Exercise is Medicine on Campus @ UNC (EIM@UNC)
2015-17	Deputy Chair: Sport & Exercise Science NZ (SES NZ)
2015-	Council Member: Physiological Society of New Zealand
2014-	Grant Review: National Institutes of Health, Academy of Medical Sciences, Health Research Council (HRC), New Zealand
2013-	Mentor: NIH/Wake School of Medicine Short-Term Research Experience Program to Unlock Potential (WFSM STEP-UP); American Heart Association (AHA) HBCU Scholars Program; Harvard Multinational Institute of Research Training (MIRT)
2012-	Chair: Noninvasive Physiological Measurement (ACSM-NIP) Interest Group
2007-	Peer review for >100 international journals. E.g., Sports Medicine, Hypertension, Journal of Applied Physiology, AJP: Heart, Lung & Circulation, Journal of Translational Medicine, European Heart Journal, Atherosclerosis

EXAMPLE HONORS

Description	Institute
Registered Clinical Exercise Physiologist (ACSM-RCEP)	Clinical Exercise Physiology Association
Fellow (FACSM)	American College of Sports Medicine (ACSM)
Senior Fellow (SFHEA)	Higher Education Academy Link Link
Fellow (FRSPH)	Royal Soc. Pub. Health Link
University Research Medal – Early Career	Massey University