



Linda May is a tenured, associate professor at East Carolina University in Greenville, North Carolina. She is in the department of Kinesiology for Health and Human Performance as well as an adjunct faculty member in Obstetrics and Gynecology for the Brody School of Medicine. She is the Director of the Human Performance Lab at ECU in Greenville, NC. She is also the Chair and Co-founder of the American College of Sports Medicine Pregnancy and Postpartum Special Interest Group. Linda May conducts research relating to the influence of different types of exercise throughout pregnancy on maternal and child health outcomes before and after birth.

Her research is presented in world-wide media outlets, including the New York Times, Good Morning America, Tehran Times.

Linda May has published numerous works in the field of exercise during pregnancy, such as one book with another one being updated now, 6 book chapters, and ~70 peer-reviewed articles. Linda May runs a grant funded lab with postdoctoral fellows, OB residents, PhD, medical, masters level as well as undergraduate students in exercise physiology and public health. She is also a member of professional organizations such as American Heart Association, ACSM (American College of Sports Medicine), and CSEP (Canadian Society of Exercise Physiologist), and the Spanish Network.

She provides many presentations on her research topic, has won awards, and enjoys mentoring undergraduate, graduate and professional students as well as residents and postdoctoral fellows. Linda May is involved in community service to help pregnant and postpartum women as well. She also conducted lectures during the international educational NEPPE project: The New Era of Pregnancy and Postpartum Exercise (2021-2023, Poland).

Her scientific achievements are presented here:

[Linda May \(0000-0002-8231-2280\) - ORCID](#)

Honors

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| 2005,'09-'12 | Young Faculty Travel Award, American Association of Anatomists |
| 2008 | selected out of 3800 for press release, American Physiological Society (APS) |
| 2009 | 2 abstracts selected out of 3900 for press release, APS |
| 2009 | Postdoctoral Fellowship Mentor, American Association of Anatomists |
| 2011 | Abstract selected for press release, American Association of Anatomists |
| 2012 | Health Sciences Author Book Award, East Carolina University |
| 2013-2019 | Health Sciences Author, East Carolina University |
| 2017 | Awarded 2017 University Scholar for Research and Scholarship |
| 2018 | Accepted NIH Early Career Reviewer (ECR) Program |

- 2019 International CSEP Working Group on Exercise Guidelines during Pregnancy
2019 Spanish Network for Exercise Guidelines during Pregnancy

Ongoing Research Support

18IPA34150006, American Heart Association 09/09/18-08/30/21

Influence of maternal exercise on Infant skeletal muscle and metabolomics

Research to increase our understanding of the relationship between different types of exercise interventions during pregnancy and offspring skeletal muscle development.

Role: PI

Completed Research Support

15GRNT24470029, American Heart Association 07/01/15-06/30/18

ENHANCED by Mom (Enhanced Neonatal Health And Neonatal Cardiovascular Efficiency Developmentally by Mom)

Study to increase our understanding of the influence of aerobic exercise intervention during pregnancy to decrease the risk of CVD & obesity for the offspring.

Role: PI

American Academy of University Women (PI: McDonald) 07/01/19–06/30/20

The Effects of Prenatal Exercise on Maternal Metabolism and Neonatal Tissue Composition

funds for analysis to evaluate maternal and neonatal metabolic effects associated with exercise during pregnancy. Role: Postdoctoral Fellow Mentor

Llywodraeth Cymru Welsh Government CoFund Fellowship Award (PI: Reoyo)

05/01/17-06/31/20

Physical Exercise & Cardiovascular Adaptation Monitoring in Pregnancy ('PE-CAMP')

This grant is through the government of Wales and focuses on the relationships between maternal/fetal cardio-neural function and maternal 'fitness'. Role: Consultant

Undergraduate Research and Creativity Activity Award (PI: George, May)

07/07/18-06/30/19

Heart Rate Variability Analysis

The central focus of this project is to develop programming in order to analyze fetal and infant heart rate variability measures from HR recordings. Role: Co-PI

Schweitzer Fellowship (PI: May)

06/01/15-06/01/18

Prenatal Oral Health Program in Greenville

This project is designed to increase pregnant patient education about oral health for women and children.

Role: PI