

Alysha Everett, MS

Pre-Doctoral Student | Department of Nutrition Sciences
University of Alabama at Birmingham
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Research Interests

Fetal, infant and maternal health; intergenerational health disparities; metabolism; developmental origins of obesity

Education

University of Alabama at Birmingham, Birmingham, AL August 2020 - Present
Doctor of Philosophy in Department of Nutrition Sciences

University of Alabama at Birmingham, Birmingham, AL August 2019 – May 2021
Master of Science in Department of Nutrition Sciences

Oregon State University, Corvallis, OR August 2014 – June 2018
Bachelor of Science in Department of BioHealth Science
Bachelor of Science in Department of Nutrition Science
Minor in Chemistry

Research Experience

Master's Research August 2019 – May 2021
Department of Nutrition Sciences, University of Alabama at Birmingham
Principal Investigator: Dr. Paula Chandler-Laney, PhD

- Experience in research involving infant and maternal health.
- Trained to calibrate the PeaPod to measure infant body composition.
- Completed secondary analysis of data from the PEARLS study (PI: Baskin) for thesis: "Race, feeding practices, and infant growth". The objective of this study was to investigate whether race differences in infant feeding practices are associated with differences in weight gain observed in non-Hispanic black and non-Hispanic white infants.

Undergraduate Research Intern March 2018 – June 2018
Department of Nutrition Sciences, Oregon State University
Principal Investigator: Dr. Sean Newsom, PhD
Worked in Translational Metabolism Research Laboratory for 4 months. Performed data entry for a knock-out study measuring mitochondrial respiration of mice. Worked with data entry programs such as DatLab, Jump and Prism.

Publications

Manuscripts in Preparation

Martin S, Zhang L, Callahan M, Bahorski J, Lewis C, Hidalgo B, Durant N, Moore B, **Everett A**, Aslibekyan S, Harper L, Battarbee A, Habegger K, Sertie R, Yi N, Garvey WT, Chandler-Laney P. Association of maternal obesity, with and without gestational diabetes, with mother-child body composition and cardiometabolic health 4-10 years after pregnancy. *Submitted to Obesity*.

Tipre M, Chandler-Laney P, Biggio J, Carson T, Bae S, **Everett A**, Baskin M. Relationship between Race and Gestational Weight Gain in Pregnancy and Early Life in the South Birth-Cohort Study. *Manuscript in preparation*.

Everett A, Tipre M, Chandler-Laney P. Race, Feeding Practices and Infant Weight Gain During the First 6 Weeks of Life. *Manuscript complete; will be submitted to Pediatric Obesity after the parent study manuscript (Tipre et al.) is published*.

Everett A, Callahan M, Chandler-Laney P. Maternal appetite during pregnancy and its effect on gestational weight gain and neonatal outcomes. *Manuscript in preparation*.

Abstracts and Poster Presentations

Abstracts Submitted

Everett A, Martin S, Moore B, Callahan M, Chandler-Laney P. “Maternal-Child Leptin and Adiponectin are Positively Correlated Independent of Child Adiposity” The Obesity Society, Virtual. November 2021

- E-poster presentation

Posters Presented

Everett A, Callahan M, Chandler-Laney P. “Appetite in Pregnancy, Gestational Weight Gain and Infant Birth Weight” The Obesity Society, Virtual. November 2020

- E-poster presentation

Moore B, Callahan M, Martin S, **Everett A**, Garvey WT, Chandler-Laney P. “Gestational Diabetes and Obesity and Child Physical Activity, Adiposity and Insulin Sensitivity” The Obesity Society, Virtual. November 2020

- E-poster presentation

Everett A, Jerome M, Tipre M, Blanchard C, Carson T, Chandler-Laney P, Baskin M. “Do feeding practices explain race differences in infant body weight?” Health Disparities Research Symposium, Birmingham AL. April 2020

- Abstract was accepted however the conference was cancelled due to Covid-19

Memberships

TOS Student Membership

September 2020 - Present

Certificates

CIRTL Associate

University of Alabama at Birmingham

In progress

Awards and Scholarships

NORC T32 Predoctoral Training Grant

University of Alabama at Birmingham

August 2021 - Present

Blazer Graduate Research Fellowship

University of Alabama at Birmingham

August 2020 - August 2021

Pac-12 Athletics All-Academic Honors

Oregon State University

Spring 2017

Athletic Scholarship

Oregon State University

August 2014 - June 2018

Provost Scholarship

Oregon State University

August 2014 - June 2018

Other Experience

Teaching Experience, TA

University of Alabama at Birmingham

Summer 2021

Work with Dr. Doug Moellering to assist with grading student submissions for Nutritional Biochemistry (NTR 618). Responsibilities include grading papers, interacting with students on discussion boards and developing assignment details for future classes.

Benton County Community Health Center, Job Shadow

Corvallis, OR

September 2015 – December 2015

Worked directly with the Head of Pharmacy in organization of prescriptions and performing other administrative duties. Interacted with patients and met protocol to explain medications currently being prescribed. Collaborated with technicians to decide what the best medications for a patient are based on doctor recommendations and health records.

Community Outreach

Saddleback Church Missions Ministry, Missionary

Liberia, Costa Rica

August 2019

Received training and certification prior to trip departure and taught classes in hygiene and health to participants from all across Liberia, Costa Rica. At completion of the class, members were certified and encouraged to host

classes for members of their own communities. A portion of the class consisted of broad nutritional education, such as the importance of a well-balanced diet, a brief discussion of macronutrients, and the importance of hydration.