

***CURRICULUM VITAE***

**Meagan Donovan**

**Current Title:** PhD Student

**Business Address:** School of Graduate Studies

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**Education:**

Undergraduate: University of Louisiana at Lafayette

Lafayette, LA (2015 – 2019)

B.S. Biology, May 2019

Cum Laude, 3.6 GPA

Graduate: Louisiana State University Health Sciences Center

New Orleans, LA (2022 – Present)

Department of Physiology, School of Graduate Studies

Current GPA: 4.0

**Academic, Professional, and Research Appointments:**

2016 – 2019 Tutor/Supplemental Instructor, ULL Learning Center, Lafayette, LA

2019 – 2020 High School Science Teacher, Sacred Heart High School, Ville Platte, LA

2020 – 2022 High School Science Teacher, St. Martinville High School, St. Martinville, LA

2022 – Present Graduate Research Assistant, LSU Health Science Center, New Orleans

**Membership in Professional Organizations:**

8/2023 – Present: Member of the American Heart Association

8/2023 – Present: Member of Association of Women in Science

10/2023 – Present: Member of American Physiological Society

**Awards and Honors:**

2015 - 2017 University of Louisiana at Lafayette Dean’s List

Spring 2017 University of Louisiana at Lafayette President’s List

2015 – 2019 University of Louisiana at Lafayette Scholarship

2022 – current T32 Alcohol Training Grant Trainee

**RESEARCH AND SCHOLARSHIP**

**Abstracts:**

**Donovan M**, Mobasheran P,and Yang Q: Mitochonic acid 5 improves mitochondrial respiration following alcohol-induced mitochondrial dysfunction

**Manuscripts:** I am listed as co-author of the following manuscripts based on my contribution to experiments assessing mitochondrial function in cells and tissues and characterizing the related mouse models.

Lauterboeck L, Bao R, White D. III, Mobasheran, P, **Donovan M** and Yang Q: ATPIF1 represses oxidative metabolism via modulating mitochondrial enzymes of oxidative phosphorylation without substantial impacts on mitochondrial morphology in mouse liver (in preparation)

Wu J‡, Donald White‡,Lauterboeck L, Kang SW, Bao R, Mobasheran, P, **Donovan M**, Kesterson RA, and Yang Q: Transgene integration-induced genomic rearrangements in chromosome 1 lead to spontaneous obesity and type 2 diabetes in mice (in preparation).

**SERVICE AND ADMINISTRATION**

**Service Activities:**

2023 – 2024 School of Graduate Studies Vice President of Student Activities

2016 – 2017 AME Summer STEM Camp Volunteer, Lafayette, LA

2016 St. Joseph’s Diner Volunteer, Lafayette, LA

2015 University of Louisiana at Lafayette Big Event Volunteer