

Franklin Yeo

Graduate Research Assistant (PhD.)
Olson Lab – Biological Sciences – Purdue University

Education

Bachelor of Science in Biochemistry
Graduated With Distinction
Sept. 2015 – Dec. 2018
University of Wisconsin- Madison (Madison, WI)

Graduate Research Assistant (PhD.)
Aug. 2022 – Current
Purdue University (West Lafayette, IN)

Teaching and Research Experience

Summer Intern
Jun. 2014 – Aug. 2014 (3 months)
Malcolm Whitman Lab • Harvard School of Dental Medicine (Boston, MA)

- Cell culture management and Analysis

Research Assistant
Nov. 2016 – Jun. 2019 (2 years 8 months)
Jing Fan Lab • Morgridge Institute for Research (Madison, WI)

- Lab maintenance, cell culturing, biochemical assays, data analysis

Chemistry Faculty Assistant
Jan. 2019 – May 2019 (5 months)
General Chemistry Teaching Assistant • University of Wisconsin- Madison (Madison, WI)

- Lecture, discussion, and lab session guidance

Researcher
Jul. 2019 – Mar. 2020 (9 months)
Goo Taeg Oh Lab • Ewha Womans University (Seodaemun-gu, Seoul, South Korea)

- Investigation of effects of oxidative stress on in-vivo and in-vitro models of cardiopathies
- Cell culturing, biochemical assays, data analysis, mouse breeding colony management, protocol design

Graduate Research Assistant
Aug. 2022 – Current
Matthew Olson Lab • Purdue University (West Lafayette, IN)

- Cell culturing, biochemical assays, data analysis, mouse breeding colony management, protocol design

Awards

Cargill-Benevenga Research Stipend Recipient
Received on Dec. 2018
UW-Madison Nutritional Sciences Department

- Investigation of role of Purine Nucleoside Phosphorylase in M1 polarized macrophages

Ross Fellowship

Received on Aug. 2022

Purdue Graduate School

- Recruitment fellowship recognizing academic excellence. Four years of stipend/salary and tuition coverage.
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Conferences Attended

The 8th International Congress on Lipid & Atherosclerosis (ICoLA)

Sept. 2019

Seoul, Korea

Publications

Seim GL, Britt EC, John SV, Yeo FJ, Johnson AR, Eisenstein RS, Pagliarini DJ, Fan J. (2019) Two-stage metabolic remodelling in macrophages in response to LPS and interferon- γ stimulation. *Nature Metabolism* 1, 731–742

Sonn S.K., et al. (2022) Peroxiredoxin 3 deficiency induces cardiac hypertrophy and dysfunction by impaired mitochondrial quality control. *Redox Biology* Volume 51, 102275
