

Zhuoheng Li

Doctoral Student – Vacanti Lab
Cornell University, NY, USA

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EDUCATION

- Ph.D. Cornell University · *Molecular Nutrition*, 2026
M.S. Tufts University · *Biochemical and Molecular Nutrition*, 2021
B.S. University of California, Davis · *Food Science and Technology*, 2018

PROFESSIONAL EXPERIENCE

- Since 23 **Cornell University** · *Graduate Teaching Assistant* Ithaca, NY
Teaching assistant for undergraduate nutritional sciences courses.
- Since 21 **Cornell University** · *Graduate Research Assistant (GRA)* Ithaca, NY
GRA at Vacanti Lab developing the Breast Cancer Proteome Portal and protein localization prediction model.
- 2020-21 **HNRCA at Tufts University** · *Graduate Research Assistant (GRA)* Boston, MA
GRA at Nutritional Genomics Lab and Cancer Biology Lab.
- 2018-19 **Davis Sensory Institute, LLC** · *Principal Analyst* Davis, CA
- 2017-18 **University of California, Davis** · *Undergraduate Research Assistant* Davis, CA
Undergraduate research assistant at Beckles Lab.

PUBLICATIONS

- 2023 Lai, C-Q., Parnell, L. D., **Li, Z.**, Noel, S. E., Bhupathiraju, S. N. Tucker, K. L., Ordovás, J. M., “Metabolite Genome-Wide Association in Hispanics with Obesity Reveals Genetic Risk and Interactions with Dietary Factors for Type 2 Diabetes.” *Metabolomics*. Manuscript submitted.
- 2023 **Li, Z.**, Vacanti, N. M. “A Tale of Three Proteomes: Visualizing Protein and Transcript Abundance Relationships in the Breast Cancer Proteome Portal.” *J. Proteome Res.* 2023, 22, 8, 2727–2733

POSTERS AND PRESENTATIONS

- 2023 **Li, Z.**, Vacanti, N. M. “Predicting protein localization in clinical samples by AI-driven multi-omics integration.” in *Cornell University Division of Nutritional Sciences miniRETREAT and Cornell Intercampus Symposium on Metabolic Health: from Molecules to Populations*, Ithaca NY, USA.
- 2022 Jeong, H., **Li, Z.**, Vacanti, N. M. “Proteomic Alterations Associated with Metabolic Adaptations Facilitate Detached Breast Tumor Cell Survival.” in *8th International Caparica Conference on Analytical Proteomics 2022*, Caparica, Portugal.

- 2022 Fan, R., Thomas, S., You, M., **Li, Z.**, Bessell, B., Puniya, B. L., Helikar, T., Liu, Z., Chung, S. "Fish Oil Intake during Gestation and Lactation Attenuated STZ-Induced Diabetes in Male Offspring via Activation of Brown Fat and Modulating Oxylipin Profile." in *ASN Nutrition 2022*, Virtual.
- 2022 **Li, Z.**, Vacanti, N. M. "A Tale of Three Proteomes: Visualizing Protein and Transcript Abundance Relationships in the Breast Cancer Proteome Portal." in *Cornell University 3rd Annual Intercampus Cancer Symposium* and *Cornell University Center for Vertebrate Genomics: Pioneers and Rising Stars Symposium*, Ithaca NY, USA.

TEACHING EXPERIENCE

- 2023-Fa Cornell: TA for NS 1400 – Intro to Human Biology, Health, and Society
- 2024-Sp Cornell: TA for NS 4300/6300 – Proteins, Transcripts, and Metabolism: Big Data in Molecular Nutrition

HONORS AND AWARDS

- 2021 Stanley N. Gershoff, Simon J. and Arpi A. Simonian Prize for Research Excellence, \$1000
- 2019 Merit Based Scholarships, \$12,000
- 2018 Departmental Citation for Outstanding Undergraduate Accomplishment in Food Science and Technology
- 2015-16 College of Agriculture and Environmental Sciences Dean's Honor List