

Evelyn Campbell

evelynscampbell@yahoo.com • U.S. Citizen

Education

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| Ph.D. Microbiology | University of Chicago Chicago, IL Committee on Microbiology Certificate in College Teaching, Credential in Higher Education Administration | August 2022 |
| B.S. Biology | Rider University Lawrenceville, NJ Department of Biology and Behavioral Neuroscience Minor: Graphic Design, Certificate of Leadership, <i>Summa Cum Laude</i> | May 2016 |

Professional Experience

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| Data Science Institute (DSI) – University of Chicago <i>Program Manager, Community-Centered Data Science</i> <i>Data Science Preceptor</i> | Chicago, IL September 2023 – Present August 2022 – July 2024 |
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- Developed curricular content, textbook chapters, and assessments for an introductory data science course with more than 300 undergraduate students across four class sections
- Managed and executed educational outreach programs for high school students by recruiting students from underserved schools, coordinating programmatic logistics, reviewing applications, and developing and implementing data science curriculum
- Led educational research and evaluation efforts for DSI-supported educational initiatives by strategizing quantification of program impact through questionnaires
- Wrote and prepared grant applications in response to internal and external proposals (e.g. National Science Foundation solicitations), securing \$169,196 in funding

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| Chicago Low Income Housing Trust Fund (CLIHTF) <i>Data Scientist</i> | Chicago, IL August 2022 – September 2023 |
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- Cleaned, processed, and managed data for the Director of Operations and Executive Director to inform decisions pertaining to servicing clients and community outreach
- Created visualizations and reports to supplement presentations at meetings with CLIHTF board members, funding agencies, community partners, government agencies, and other stakeholders
- Developed data collection strategies to acquire information regarding client (landlord and tenant) socioeconomic demographics
- Prepared policy briefs outlining actionable recommendations backed by research and data to address housing inequity and accompanying social and economic disparities

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| Department of Pathology – University of Chicago <i>Doctoral Research Associate</i> | Chicago, IL August 2017 – August 2022 |
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- Managed research projects that investigated host-microbial interactions contributing to food allergy pathology, including coordinating technical support from gnotobiotic facilities, designing and implementing experiments to progress research questions, summarizing and visualizing findings for weekly meetings, and reporting progress to internal and external stakeholders
- Collected biometric data from scientific instruments (e.g., flow cytometer, quantitative-PCR machine, etc.) acquired through experimentation using live animal models
- Analyzed large sequencing data sets (e.g., 16S, metagenomic, bulk RNAseq, and scRNAseq) using computational and statistical tools in R and Python (e.g. qiime2, DADA2, Seurat, etc.)

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| UChicagoGRAD – University of Chicago <i>Higher Education Intern</i> | Chicago, IL September 2018 – July 2020 |
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- Managed a team of graduate students to gather information about departmental student engagement efforts and seek collaborations with faculty, staff, and administrators to improve the experiences of graduate students of historically underrepresented groups
- Provided consulting services to graduate student-serving offices across campus on programming for marginalized students to enhance graduate education and professional development
- Developed culturally aware, sensitive, and responsive programming to foster community and professional development amongst graduate students and postdoctoral researchers

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| Chicago Center for Teaching – University of Chicago <i>Race Pedagogy Working Group Coordinator</i> | Chicago, IL September 2018 – September 2019 |
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- Coordinated quarterly programming to cultivate community among instructors from across the University and to promote best practices for addressing race in a classroom setting
- Provided pedagogical support and resources to faculty and graduate students to encourage inclusive teaching techniques
- Facilitated collaborations between community partners and the University to expand inclusive teaching beyond the academy

Professional Service

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| Forman Acton Foundation <i>Board Member</i> | August 2024 - Present Salem, NJ |
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- Advise and contribute to decisions to be implemented by Foundation staff with the aim to provide educational opportunities for K-12 students in the city of Salem, NJ
- Serve on the scholarship committee to review scholarship applications using holistic review criteria

National Science Foundation

Grant Reviewer

2024
Washington, D.C.

- Reviewed proposals for the Division of Undergraduate Education

Committee on Microbiology – University of Chicago

September 2020 – August 2022

DEI Committee

Chicago, IL

- Developed presentations on issues related to diversity, equity, and inclusion in higher education, the academy and broader scientific community to be presented to the Committee on Microbiology graduate program

Target H.O.P.E.

March 2017 – Present

STEM Education Instructor

Chicago, IL

- Design and implement a college-level science curriculum for high school students to prepare them for post-secondary education
- Teach students about various STEM topics while incorporating relevant social issues, such as health disparities and environmental justice, to use human experience as a pedagogical tool
- Advise and mentor high school students with an interest in majoring in science to promote their academic success in high school and beyond

Leadership & Outreach

Mentorship

Mentor, Maroon Mates – UChicagoGRAD, University of Chicago

09/2020 – 09/2021

Discussion panelist on the following topics:

- Teaching Experiences and Education – Teaching Assistant Training Course, University of Chicago 10/2018
- Community Outreach Initiatives – Discover UChicago Program 10/2018
- Graduate Student Experiences in the Biological Sciences – Graduate Summer Research Program, University of Chicago 7/2018
- “What I Wish I’d Known About Graduate School”, Middlebury College – Middlebury, VT 4/2018

Administrative Service

Recruitment Committee – Committee on Microbiology, Biological Sciences Division, University of Chicago

12/2017 – 3/2018

Leadership Workshop Facilitator, Multicultural Student Leadership Institute – Rider University

10/2015, 10/2016

Organizational Service

Member, Alpha Kappa Alpha Sorority Incorporated, Lambda Mu Omega Chapter

12/2018 – Present

Mental Health Coordinator, Graduate Recruitment Initiative Team (GRIT)

9/2018 – 8/2022

Instructor, Community STEM Series, Community Engagement Grant – University of Chicago

9/2019

Selected Publications

- Campbell E**, Hesser LA, Berni Canani R, Carucci L, Paparo L, Patry RT, Nagler CR. A Lipopolysaccharide-Enriched Cow's Milk Allergy Microbiome Promotes a TLR4-Dependent Proinflammatory Intestinal Immune Response. *J Immunol*. 2024 Jan 3.
- Wang R., Cao S., Bashir M.E.H., Hesser L.A., Su Y., Hong S.M.C., Thompson A., Culleen E., Sabados M., Dylla N.P., **Campbell E.**, Bao R., Nonnecke E.B., Bevins C.L., Wilson D.S., Hubbell J.A., Nagler C.R. Treatment of peanut allergy and colitis in mice via the intestinal release of butyrate from polymeric micelles. *Nat Biomed Eng*. 2022 Dec 22.
- Campbell, E.** and Nagler C.R. Fe, fi, fo, fum, I smell the diet of a healthy human. *Cell*. 2021; 184: 4107-4109
- Campbell, E.**, Hesser, L. A. and Nagler, C. R. B cells and the Microbiota: A Missing Connection in Food Allergy. *Mucosal Immunol*. 2021. 14: 4-13.
- Feehley, T., Plunkett, C.H., Bao, R., Choi Hong S.M., Culleen E., P. Belda-Ferre, **Campbell, E.**, Aitoro, R., Nocerino, R., Paparo, L., Andrade, J., Antonopoulos, D.A., Berni Canini, R., Nagler, C. R. Healthy infants harbor intestinal bacteria that protect against food allergy. *Nat. Med*. 2019; 25: 448-453

Selected Honors & Awards

Hymen Milgrom Supporting Organization

2024, **\$169,196**

The National Institute of Allergy and Infectious Diseases Supplement, R01 AI 146099S1

2020 – 2022, **\$163,798**

Advisory Board Grant, Office of The Provost

2020, **\$15,000**

Honorable Mention, Ford Foundation Predoctoral Fellowship Program

2019

Institute for Translational Medicine Core Subsidy Award

2019, **\$3,000**

American Association of Immunologists Immunology Conference Travel Award

2019, **\$500**

Skills and Interests

- Skills:** MS Office products (Word, PowerPoint, Excel, Outlook); Coding languages (R, Python, SQL); Data visualization software (PowerBI, Tableau, Prism); Adobe Creative Cloud products (Illustrator, Photoshop, InDesign); Google Workspace (Gmail, Drive, Calendar, Forms, etc.); Collaboration & program management software (Slack, MS Teams); Grant writing; Github
- Interests:** reading, writing, photography, painting, tennis, volunteering