CASSANDRA LANE ETTINGER

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EDUCATION & TRAINING

UNIVERSITY OF CALIFORNIA, RIVERSIDE 2020 – 2024

- Postdoctoral scholar, Dept. of Microbiology & Plant Pathology
- Advisor: Dr. Jason Stajich

UNIVERSITY OF CALIFORNIA, DAVIS 2013 – 2020

- Ph.D., Integrative Genetics & Genomics
- Dissertation: Taxonomic diversity of the bacterial and fungal communities associated with the seagrass, *Zostera marina*
- Advisor: Dr. Jonathan Eisen

UNIVERSITY OF CALIFORNIA, BERKELEY 2009 – 2013

- B.A., Molecular & Cell Biology – Genetics, Genomics & Development Emphasis
- Honors thesis: Genetic variation in abiotic tolerance and symbiotic quality among wild rhizobium bacteria
- Advisor: Dr. Ellen Simms

UNIVERSITY OF YORK, UNITED KINGDOM 2012

- Visiting Scholar, Biology & Archaeology Departments
- Research project: Investigation of the role of dopamine in Drosophila vision and its relation to Parkinson's disease
- Advisor: Dr. Christopher Elliot

PROFESSIONAL EXPERIENCE

BARNWELL BIO 2025 – present

- *Senior Computational Biologist*: First full-time hire; helping establish metagenomic workflows that enable scalable flock-level microbiome analyses and deliver actionable insights about poultry health.

PREPRINTS & PUBLICATIONS IN REVIEW

1. Watson-Zink VM, Wilkins LGE, Eisen JA, Grosberg RK, Hiller A, Ettinger CL. Submitted. Convergent lignocellulose degradation in terrestrial crabs is driven by distinct host genus-specific microbial communities. Available upon request.

2. Ettinger CL, Eisen JA & Stajich JE. 2024. Genomic streamlining of seagrass-associated *Colletotrichum* sp. may be related to its adaptation to a marine monocot host. Preprint available on *bioRxiv*. DOI: 10.1101/2024.12.17.629027

3. Ettinger CL & Stajich JE. 2024. A genomic resource for exploring bacterial-viral dynamics in seagrass ecosystems. Preprint available on *bioRxiv*. DOI: 10.1101/2024.12.06.627215

4. Ettinger CL, & Eisen JA. 2024. Phoronids and their tubes harbor distinct microbiomes compared to surrounding sediment. Preprint available on *bioRxiv*. DOI: 10.1101/2024.05.28.596327

5. Ettinger CL, Paul S*, Flores N*, Pietrasiak N, & Stajich JE. 2022. Cataloging Viral Diversity from Nonaxenic Terrestrial Cyanobacteria Cultures. Preprint available on *bioRxiv*. DOI: 10.1101/2022.12.14.520320 *undergraduate author

PEER-REVIEWED PUBLICATIONS

1. Ettinger CL, Urie N, Olsen EG, McGinley CM, Rhys MB, Ricke SC, & Byrnes JK. *ENVIRONMENTAL BIOSURVEILLANCE IN COMMERCIAL POULTRY Beyond clinical signs: the case for continuous environmental biosurveillance in commercial poultry production. Poultry Science*. DOI: 10.1016/j.psj.2026.108084

2. Ettinger CL, Arroyo J*, Stajich JE. 2026. Assessing the Evolutionary Trajectory of Arbuscular Mycorrhizal Conserved Genes in Seagrasses and Aquatic Close Relatives. *Aquatic Botany*. DOI: 10.1016/j.aquabot.2026.104072 *undergraduate author

3. Ettinger CL, Eisen JA & Stajich JE. 2026. Eukaryotic metagenome-assembled genomes recovered from deep metagenomic sequencing of the seagrass, *Zostera marina*, include a novel chytrid in the order Lobulomycetales. *Microbial Genomics.* DOI: 10.1099/mgen.0.001845

4. Zheng P, Lim ZH, Ettinger CL, Quek C, Nguyen TA, Stajich JE, Jedd G. 2026. Evolution of a chloroplast subcompartment housing plastid DNA inside a cup-like starch granule. *Current Biology*. DOI: 10.1016/j.cub.2026.03.033

5. Arroyo J*, Stajich JE & Ettinger CL. 2025. Do you know that there are fungi in the ocean? *Frontiers for Young Minds*. DOI: 10.3389/frym.2025.1472709 *undergraduate author

6. Amend A, Andrade JMM, Gunde-Cimerman N, Coelho MA, Durkin C, Ettinger CL, […], & Zhan G. 2025. Ten Pressing Questions (and Answers) About Marine Fungi

and Opportunities for Collaborations in the Ocean Sciences. *Oceanography*. DOI: 10.5670/oceanog.2025.e402

7. Hug LA, Hatzenpichler R, Moraru C, Soares A, Meyer F, Heyder A, The Data Reuse Consortium*, & Probst AJ. 2025. A roadmap for equitible reuse of public microbiome data. *Nature Microbiology*. DOI: 10.1038/s41564-025-02116-2 *as a consortium member

8. Kelliher JK, Johnson L, [...] Ettinger CL, […], & Eloe-Fadrosh EA. 2025. A cost & community perspective on the barriers to microbiome data reuse. *Frontiers in Bioinformatics*. DOI: 10.3389/fbinf.2025.1585717

9. Ettinger CL, & LaForgia ML. 2024. Invasive plant species interact with drought to shift key functions and families in the rhizosphere. *Plant and Soil*. DOI: 10.1007/s11104-023-06302-1

10. Ettinger CL, Wu-Woods J, Kurbessoian T, Brown D, de Souza Pacheco I, Vindiola BG, Walling LL, Atkinson PA, Byrne FJ, Redak RA & Stajich JE. 2023. Geographical Survey of the Mycobiome and Microbiome of Southern California Glassy-winged Sharpshooters. *mSphere.* DOI: 10.1128/msphere.00267-23

11. Ettinger CL, Ostovar T, Yacoub M, Ahrendt S, Hice RH, Federici BA, & Stajich JE. 2023. Genomes and transcriptomes help unravel the complex life cycle of the blastoclad fungus, *Coelomomyces lativittatus,* an obligate parasite of mosquitoes and microcrustaceans. *Mycologia.* DOI: 10.1080/00275514.2023.2228182

12. Ettinger CL, Saunders M*, Selbmann L, Delgado-Baquerizo M, Donati C, Albanese D, Roux S, Tringe S, Pennacchio C, Stajich JE, & Coleine C. 2023. Highly diverse and unknown viruses may enhance Antarctic endoliths' adaptability. *Microbiome*. DOI: 10.1186/s40168-023-01554-6 *undergraduate author

13. Ettinger CL, Byrne FJ, de Souza Pacheco I, Brown D, Walling LL, Atkinson PA, Redak RA & Stajich JE. 2022. Transcriptome and population structure of glassy-winged sharpshooters (*Homalodisca vitripennis*) with varying insecticide resistance in southern California. *BMC* Genomics. DOI: 10.1186/s12864-022-08939-1

14. Stajich JE, Lovett BR, Ettinger CL, Carter-House D, Kurbessoian T & Kasson MT. 2022. An Improved 1.5 Gigabase Draft Assembly of *Massospora cicadina*

(Zoopagomycota), Obligate Fungal Parasite of 13- and 17-Year Cicadas. *Microbial Resource Announcements*. DOI: 10.1128/mra.00367-22

15. **Ettinger CL**, Lovett BR, Kasson MT & Stajich JE. 2022. Metagenome-assembled Genomes of Bacteria associated with *Massospora cicadina* Fungal Plugs from Infected Brood VIII Periodical Cicadas. *Microbial Resource Announcements*. DOI: 10.1128/mra.00413-22

16. **Ettinger CL,** Sadanandappa MK, Görgülü K, Coghlan K, Hallenbeck KK & Puebla I. 2022. A Guide to Preprinting for Early Career Researchers. *Biology Open*. DOI: 10.1242/bio.059310

17. Ladner JT, Palmer JM, **Ettinger CL**, Stajich JE, Farrell TM, Glorioso BM, Lawson B, Price SJ, Stengle AG, Grear DA & Lorch JM. 2022. Population genetic analysis of *Ophidiomyces ophidiicola*, the cause of snake fungal disease, suggests recent introductions to the USA. *PLoS Biology* DOI: 10.1371/journal.pbio.3001676

18. **Ettinger CL**, Byrne FJ, Redak R &, Stajich JE. 2022. Metagenome-Assembled Genomes of Bacterial Symbionts Associated with Insecticide-Resistant and -Susceptible Individuals of the Glassy-Winged Sharpshooter (Homalodisca vitripennis). *Microbial Resource Announcements.* DOI: 10.1128/mra.00506-22

19. de Souza Pacheco I, Doss AA, Vindiola BG, Brown D, **Ettinger CL**, Stajich JE, Redak RA, Walling LL & Atkinson PA. 2022. Efficient CRISPR/Cas9-mediated genome modification of the glassy-winged sharpshooter *Homalodisca vitripennis* (Germar). *Scientific Reports*. DOI: 10.1038/s41598-022-09990-4

20. LaForgia ML, Kang H* & **Ettinger CL**. 2021. Competitive outcomes between native and invasive plants are linked to shifts in the bacterial rhizosphere microbiome. *Microbial Ecology* DOI: 10.1007/s00248-021-01853-1 *undergraduate author

21. **Ettinger CL**, Bryne FJ, Collin MA, Carter-House D, Walling LL, Atkinson PW, Redak RA & Stajich JE. 2021. Improved draft reference genome for the Glassy-winged Sharpshooter (*Homalodisca vitripennis*), a vector for Pierce's disease. *G3: Genes | Genomes | Genetics.* DOI: 10.1093/g3journal/jkab255

22. **Ettinger CL**, Vann LE & Eisen JA. 2021. Global diversity and biogeography of the *Zostera marina* mycobiome. *Applied and Environmental Microbiology*; DOI: 10.1128/AEM.02795-20

23. Ettinger CL, Bryan J*, Tokajian S, Jospin G, Coil D & Eisen JA. 2021. Reconstruction of metagenome-assembled genomes from aquaria. *Microbial Resource Announcements.* DOI: 10.1128/MRA.00557-21 *undergraduate author

24. Danko D, Bezdan D, […], Mason CE & The International MetaSUB Consortium*. 2021. A global metagenomic map of urban microbiomes and antimicrobial resistance. *Cell;* DOI: 10.1016/j.cell.2021.05.002 *as a consortium member

25. Ettinger CL & Eisen JA. 2020. Fungi, bacteria and oomycota opportunistically isolated from the seagrass, *Zostera marina. PLoS One*. DOI: 10.1371/journal.pone.0236135

26. Selbmann S, Coleine C, de Hoog S, Donati C, Druzhinina I, Ettinger CL, Gladfelter AS, Gorbushina AA, Grigoriev IV, Grube M, Gunde-Cimerman N, Muggia L, Northen T, Pennacchio C, Pòcsi I, Prigione V, Riquelme M, Segata N, Schumacher J, Shelest E, Sterflinger K, Tesei D, U'Ren J, Varese GC, Vázquez-Campos X, Vicente VA, Souza EM, Walker AL & Stajich JE. 2020. Shed light in The daRk lineagES of the Fungal Tree Of Life - STRES. *Life.* DOI: 10.3390/life10120362

27. Ettinger CL & Eisen JA. 2019. Characterization of the mycobiome of the seagrass, *Zostera marina*, reveals putative associations with marine chytrids. *Frontiers in Microbiology*. DOI: 10.3389/fmicb.2019.02476

28. Amend A, Burgaud G, Cunliffe M, Edgcomb VP, Ettinger CL, Gutiérrez MH, Heitman J, Hom E, Ianiri G, Jones A, Kagami M, Picard K, Quandt A, Raghukumar S, Riquelme M, Stajich JE, Vargas-Muñiz J, Walker AK, Yarden O & Gladfelter AS. 2019. Fungi in the marine environment: open questions and unsolved problems. *mBio.* DOI: 10.1128/mBio.01189-18

29. Ettinger CL*, Wilkins LGE*, Jospin G & Eisen JA. 2019. Metagenome-assembled genomes provide new insight into the microbial diversity of two thermal pools in Kamchatka, Russia. *Scientific Reports.* DOI: 10.1038/s41598-019-39576-6 *co-first authors

30. Ettinger CL, Wilkins LGE, Dahlhausen KE, Ghose SL, Oberbauer D*, Eisen JA & Coil DA. 2018. Even superheroes need help sometimes: Three incredible tales of microbial symbiosis. *Frontiers for Young Minds.* DOI: 10.3389/frym.2018.00050 *undergraduate author

31. Brown EA, Dickinson PJ, Mansour T, Sturges B, Aguilar M, Young A, Korff C, Lind J, **Ettinger CL**, Varon S, Pollard R, Brown T, Raudespp T & Bannasch DL. 2017. *FGF4* retrogene on CFA 12 is responsible for chondrodystrophy and intervertebral disc disease in dogs. *PNAS.* DOI: 10.1073/pnas.1709082114

32. **Ettinger CL**, Williams SL, Abbott JM, Stachowicz JJ & Eisen JA. 2017. Microbiome succession during ammonification in eelgrass bed sediments. *PeerJ*. DOI: 10.7717/peerj.3674

33. Coil DA, **Ettinger CL** & Eisen JA. 2017. Gut Check: The evolution of an educational board game. *PLoS Biology* 15(4):e2001984. DOI: 10.1371/journal.pbio.2001984

34. **Ettinger CL**, Voerman SE, Lang JM, Stachowicz JJ & Eisen JA. 2017. Microbial communities in sediment from *Zostera marina* patches, but not the *Z. marina* leaf or root microbiomes, vary in relation to distance from patch edge. *PeerJ*. DOI: 10.7717/peerj.3246

35. Shehata HR, **Ettinger CL,** Eisen JA, & Raizada MN. 2016. Genes Required for the Anti-fungal Activity of a Bacterial Endophyte Isolated from a Corn Landrace Grown Continuously by Subsistence Farmers Since 1000 BC. *Frontiers in Microbiology*. DOI: 10.3389/fmicb.2016.01548

36. Mousa WK, Shearer, C, Limay-Rios, V, **Ettinger CL**, Eisen JA & Raizada MN. 2016. Root-hair endophyte stacking in finger millet creates a physicochemical barrier to trap the fungal pathogen *Fusarium graminearum*. *Nature Microbiology*. DOI: 10.1038/nmicrobiol.2016.167

37. **Ettinger CL**, Mousa WM, Raizada MN, Eisen JA. 2015. Draft genome sequence of *Enterobacter* sp. strain UCD-UG_FMILLET (phylum *Proteobacteria*). *Genome Announcements*. DOI: 10.1128/genomeA.01461-14

38. **Ettinger CL**, Shehata HR, Johnston-Monje D, Raizada MN, Eisen JA. 2015. Draft genome sequence of *Burkholderia gladioli* strain UCD-UG_CHAPALOTE (phylum *Proteobacteria*). *Genome Announcements*. DOI: 10.1128/genomeA.01462-14

PROTOCOLS

1. **Ettinger CL** & LaForgia ML. 2021. Plant-associated microbiome sampling protocol for field work. *protocols.io*. DOI: 10.17504/protocols.io.buttnwnn

2. Ettinger CL. 2021. Fungal isolate identification using ITS-LSU regions. *protocols.io*. DOI: 10.17504/protocols.io.butvnwn6

3. Ettinger CL. 2021. Collection and processing of intertidal seagrass tissues for bacterial and fungal culturing. *protocols.io*. DOI: 10.17504/protocols.io.butrnwm6

4. Ettinger CL. 2021. Protocol for preparing seagrass-microbiome samples for DNA extraction. *protocols.io*. DOI: 10.17504/protocols.io.butqnwmw

GRANTS & FELLOWSHIPS

NSF OCEAN SCIENCES POSTDOCTORAL FELLOWSHIP ($300,753) 2022 – 2024
CENTER FOR POPULATION BIOLOGY (CPB) TRAVEL AWARD ($800) 2020
MICROBIOME GRADUATE RESEARCH AWARD ($1000) 2019
CPB RESEARCH AWARDS ($5650) 2016 – 2019
CPB COLLABORATIVE PROJECT RESEARCH AWARD ($4000) 2018

- Project: *Unlocking the terrestrial realm: Are microbial symbioses the key to land crab terrestrial invasions?*
- Co-PI: Victoria Morgan, PhD Candidate, Population Biology, UC Davis

SIGMA XI GRANT-IN-AID OF RESEARCH ($1000) 2018
H. A. LEWIN FAMILY FELLOWSHIP ($2000) 2018
JEFFERY AND MARSHA GIBELING FELLOWSHIP ($1100) 2018
CPB COLLABORATIVE PROJECT RESEARCH AWARD ($4500) 2017

- Project: *Understanding belowground plant-microbe feedback loops during competition between native and invasive plant species in a grassland ecosystem*
- Co-PI: Marina LaForgia, PhD Candidate, Ecology, UC Davis

NATURAL RESERVE SYSTEM RESEARCH GRANT ($2000) 2016
SANTA BARBARA SCHOLARSHIP FOUNDATION ($23,814) 2009 – 2017

- Tuition and stipend for four years at UC Berkeley and for four years at UC Davis

MARINE BIOLOGICAL LABORATORY (MBL) SCHOLARSHIP ($6975) 2015

- Tuition and room/board for the Microbial Diversity summer course at the MBL

UNIVERSITY OF CALIFORNIA BLOCK GRANT 2014

- Tuition and stipend for two quarters at UC Davis

TEACHING EXPERIENCE

TEACHING ASSISTANT

- Introduction to Biology: Biodiversity and the Tree of Life (BIS2C), UC Davis – Spring 2015, Spring 2016, Summer 2016, Fall 2016, Winter 2017, Fall 2017, Fall 2018, Winter 2019, Fall 2019

- Complimentary class to BIS2C for underserved students (BIS98), UC Davis – Fall 2016
- Microbial Phylogenomics (EVE161), UC Davis – Winter 2018, Winter 2020

ORGANIZER

- Marine Microbial Ecology Seminar (PBG 298 / ECL 290), UC Davis – Winter 2019
- Environmental Surveys of Viruses Seminar (PBG 298), UC Davis – Spring 2020

ACADEMIC SERVICE & AFFILIATIONS

National Microbiome Data Collaborative Champion	2021 – 2026
Fungal Genetics Conference Session Co-chair (Invited)	2024
TAGC Undergraduate Travel Award Subcommittee Member	2023 - 2024
CEPCEB Awards Committee Member	2023
Mycological Society of America Student Section Post-Doc Rep	2021 – 2022
ASAPbio Fellow	2021
UC Davis Data Science Initiative Graduate Affiliate	2017 – 2020
UC Davis Center for Population Biology Graduate Affiliate	2014 – 2020
Coastal & Marine Science Institute Grad Committee Co-chair	2015 – 2019
Integrative Genetics & Genomics Admissions Officer	2016 – 2018

ACHIEVEMENTS & HONORS

CEPCEB Postdoctoral Researcher Excellence Award	2022
Genetics Society of America Presidential Membership	2022
NSF GRFP Honorable Mention	2014

REVIEWER

Environmental Microbiology, mSystems, PLOS One, PeerJ, FEMS Microbiology Ecology, Marine Ecology Progress Series, Scientific Reports, Frontiers Ecology And Evolution, Frontiers in Marine Science, Microbiome, Diversity, Journal of Soil and Sediments, Plant Biology, Mycological Progress, Microbiology Spectrum

ORAL PRESENTATIONS

1. Ettinger CL, Beilke EM, McGinley CE, Rhys MB, Byrnes JK. 2026. "Investigating the baseline litter microbiome of turkeys over time from three producers in Iowa to enhance flock health" contributed talk at Western Poultry Disease Conference, March 17, in San Diego, CA.

2. Ettinger CL, Beilke EM, McGinley CE, Rhys MB, Byrnes JK. 2026. "Investigating the baseline litter microbiome of turkeys over time from three producers in Iowa to

enhance flock health" contributed talk at the International Poultry Scientific Forum, January 27, in Atlanta, GA.

3. Ettinger CL, Eisen JA & Stajich JE. 2024. "Fishing for Fungi: Eukaryotic metagenome-assembled genomes recovered from seagrass leaves include a novel chytrid in the order Lobulomycetales" contributed talk at the Fungal Genetics Conference, March 16, in Monterey, CA.

4. Ettinger CL. 2023. "Unraveling the Secrets of Insecticide Resistance: Exploring Population Genetics and Microbial Dynamics of Glassy-Winged Sharpshooters Across Southern California" invited talk at The Xylella Files, October 3, online.

5. Ettinger CL. 2022. "Plenty of fungi in the sea: insights from profiling the seagrass mycobiome" invited talk at UC Riverside, October 6, online.

6. Ettinger CL. 2022. "Plenty of fungi in the sea: insights from profiling the seagrass mycobiome" invited talk at San Diego State University, May 2, online.

7. Ettinger CL, Vann LE & Eisen JA. 2021. "Turning the tide on marine fungi: insights from the global biogeography of the seagrass mycobiome" contributed talk at the Ecological Society of America Annual Meeting, August 2–6, online.

8. Ettinger CL & Eisen JA. 2020. "The seagrass mycobiome: what happened to fungal associations as plants moved back into the marine environment?" contributed talk at the Ecological Society of America Annual Meeting, August 3–6, online.

9. Ettinger CL & Eisen JA. 2019. "The seagrass mycobiome: what happened to fungal associations as plants moved back into the marine environment?" invited talk at the California Academy of Sciences, April 11, in San Francisco, California.

10. Ettinger CL & Eisen JA. 2018. "The seagrass mycobiome: what happened to fungal associations as plants moved back into the marine environment?" invited talk at the 12th annual UC Davis Research Retreat on Host Microbe Interactions, October 19, in Tahoe City, CA

11. Ettinger CL, Porter SS & Simms EL. 2013. "Genetic variation in abiotic tolerance and symbiotic quality among wild rhizobium bacteria" a ten-minute talk at the UC

Berkeley Molecular and Cell Biology Honors Research Symposium, April 24, in Berkeley, California.

POSTER PRESENTATIONS

1. Ettinger CL, Eisen JA & Stajich JE. 2024. "Eukaryotic metagenome-assembled genomes recovered from seagrass leaves include a novel chytrid in the order Lobulomycetales" a poster presented at the Lake Arrowhead Microbial Genomics Conference, September 15-19, in Lake Arrowhead, CA.

2. Ettinger CL, Eisen JA & Stajich JE. 2024. "Eukaryotic metagenome-assembled genomes recovered from seagrass leaves include a novel chytrid in the order Lobulomycetales" a poster presented at the Fungal Genetics Conference, March 12-17, in Monterey, CA.

3. Ettinger CL, Saunders M, Flores N, Paul S, Coleine C, Pietrasiak N & Stajich JE. 2023. "To Infinity and Beyond: Exploring Viral Diversity in Extreme Environments" a poster presented at the Center for Microbiome Innovation International Microbiome Meeting, March 14-16, in San Diego, California.

4. Ettinger CL, Saunders M, Flores N, Paul S, Coleine C, Pietrasiak N & Stajich JE. 2022. "To Infinity and Beyond: Exploring Viral Diversity in Extreme Environments" a poster presented at the Lake Arrowhead Microbial Genomics Conference, September 12, in Lake Arrowhead, California.

5. Ettinger CL & Eisen JA. 2020. "Global characterization of the fungal community associated with the seagrass, *Zostera marina*" a graphical abstract presented at the Mycological Society of America Annual Meeting, July 22, online.

6. Ettinger CL & Eisen JA. 2018. "Characterization of the mycobiome of the seagrass, *Zostera marina*, across space and time" a poster presented at the Lake Arrowhead Microbial Genomics Conference, September 17, in Lake Arrowhead, California.

7. Ettinger CL, Lang JM, Voerman SE, Stachowicz JJ & Eisen JA. 2015. "The Seagrass Microbiome Project: Edge Effects and Seagrass Microbiome Diversity" a poster presented at the 115th General Meeting of the Amer. Soc. for Microbiology, June 1, in New Orleans, Louisiana.

8. Ettinger CL, Lang JM, Voerman SE, Stachowicz JJ & Eisen JA. 2015. "Edge Effects and Seagrass Microbiome Diversity" a poster presented at the Integrative Genetics and Genomics Graduate Group Colloquium, May 18, in Davis, California.

9. Ettinger CL, Lang JM, Voerman SE, Stachowicz JJ & Eisen JA. 2014. "Edge Effects and Seagrass Microbiome Diversity" a poster presented at the 20th Annual International Meeting on Microbial Genomics, September 15, in Lake Arrowhead, California.

10. Ettinger CL, Lang JM, Voerman SE, Eisen JA & Stachowicz JJ. 2014. "Edge Effects and Seagrass Microbiome Diversity" a poster presented at the Integrative Genetics and Genomics Graduate Group Colloquium, June 2, in Davis, California. Won "People's Choice".

PANEL PRESENTATIONS

"Playing FAIR: Integrating FAIR Data Principles as Standard Microbiome Practices" invited panel member at the World Microbe Forum, June 20–24, 2021, online.

RESEARCH FEATURES

"The fascinating world of marine fungi " – BioScience, Ute Eberle	2023
"A Quick Look at Marine Fungi" – Mushroom Revival Podcast	2021
"Cassie Ettinger and the Seagrass Microbiome" – Tree of Life Podcast	2019
"Spotlight on Cassie Ettinger" – CMSI, UC Davis	2018

PROFESSIONAL DEVELOPMENT & WORKSHOPS

AGU LEADERSHIP ACADEMY AND NETWORK FOR DIVERSITY AND INCLUSION IN THE GEOSCIECES (LANDING) online and in Washington, DC	April 2023 - present
MARINE FUNGI WORKSHOP at the Fungal Genetics Conference	March 2024
NAIST INTERNATIONAL STUDENT WORKSHOP in Nara, Japan	November 2018
MARINE FUNGI WORKSHOP at the MBL	May 2018
ANVIO WORKSHOP at the Joint Genome Institute	September 2017
SCIENCE COMMUNICATION WORKSHOP at UC Davis	April 2017
EARLY CAREER OCEAN SUMMIT in Waikoloa, HI	January 2017
BAYESIAN STATISTICAL PHYLOGENETICS USING REVBAYES at UC Davis	July 2016
MICROBIAL DIVERSITY COURSE at the MBL	July – August 2015
EXPLORATIONS IN DATA ANALYSES FOR METAGENOMIC ADVANCES IN MICROBIAL ECOLOGY (EDAMAME) COURSE at MSU	August 2014
SOFTWARE CARPENTRY WORKSHOP at UC Davis	June 2014

CASSANDRA LANE ETTINGER

CERTIFICATIONS

Google Project Management Professional Certificate 2024
IBM Data Science Professional Certificate 2024

VOLUNTEER & OUTREACH EXPERIENCE

NATIONAL SUMMER UNDERGRADUATE RESEARCH PROJECT (NSURP) 2020 – 2024

- *Mentor:* Supervised BIPOC undergraduate students on remote summer research opportunities; Organized internal seminar series and journal clubs

E&E GRAD PREVIEW 2021

- *Mentor:* Mentored participants interested in evolution and ecology graduate programs; Provided guidance on graduate school and fellowship applications

UC DAVIS MANRRS MENTORING PROGRAM 2021

- *Mentor*: Mentored undergraduate students on career development through Minorities in Agriculture, Natural Resources, and Related Sciences (MANNRS)

EXPANDING YOUR HORIZONS 2013 – 2019

- *Workshop Leader:* Introduced 6th – 9th grade girls to STEM careers at UC Berkeley EYH; Led a yearly bioinformatics workshop "Genome Detectives"

LETTERS TO A PRE-SCIENTIST 2017 – 2018

- *Volunteer:* Exchanged letters with a pen pal about science careers

DAVIS SCIENCE COLLECTIVE 2014 – 2016

- *Volunteer:* Promoted science through the Davis Public Library; Helped 5th graders with science fair project ideas and experiential designs

MENTORSHIP

Undergraduate Students (Research):

- Jennifer Arroyo (June 2023 – September 2024) *via NSURP
- Morgan Saunders (June 2022 – September 2022) *via NSURP
- Neptali Flores (June 2021 – September 2021) *via NSURP
- Sudipto Paul (June 2021 – September 2021) *via UCR RISE
- Tykera Moore (June 2021 – September 2021) *via NSF-CEPCEB REU
- Leah Spalding (July 2020 – September 2020) *via NSURP
- Donito Burgess (June 2020 – September 2020) *via NSURP
- Jordan Bryan (June 2020 – September 2020) *via NSURP
- Neil Brahmbhatt (January 2018 – June 2020)

- Jolie Lobrutto (September 2018 – June 2019) *co-advised with Lena Capece
- Katelin Jones (June 2018 – September 2018)
- Tess McDaniel (June 2018 – September 2018)
- Hannah Kang (September 2017 – June 2018) *co-advised with Marina LaForgia
- Katie Somers (September 2017 – June 2018)

Undergraduate Students (Career development):

- Esha Urs (August 2021 – present) *via E&E Grad Preview
- Katie Blessing (August 2021 – July 2022) *via E&E Grad Preview
- Anna Quigley (January 2021 – April 2021) *via MANRRS
- ManLam Yu (January 2021 – April 2021) *via MANRRS

High Schools Students (Research):

- Henna Hundal (June 2014 – August 2014) *via Young Scholars Program