

Heather W. Newman

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PROFESSIONAL EXPERIENCE

HARVARD UNIVERSITY, GRADUATE SCHOOL OF DESIGN

2025

Course Instructor

Cambridge, MA

- Co-taught a course for Harvard's Graduate School of Design that helped students learn how to use generative AI and design thinking to address climate and ocean challenges.
- Lectured on issues such as global warming, biodiversity loss, sea level rise, pollution, and coral reef degradation. Developed design-thinking activities that guided students in the use of AI for creative problem-solving and ideation, with an emphasis on critically assessing the environmental impacts of AI.
- Mentored students in researching, refining, and prototyping solutions for marine and climate issues, culminating in the creation of digital and physical prototypes for presentation.
- Research affiliate of metaLAB (at) Harvard within the Berkman Klein Center for Internet & Society. Contributing to ongoing research on AI's intersection with ocean and climate issues.

FEATHER VENTURES

2010–2024

Founder and President

Oakland, CA & Crested Butte, CO

- Managed independent music artists, overseeing their professional strategy, tour operations, and logistics. Ensured smooth execution of live performances and events.
- Supervised business operations, including fiscal planning, insurance, and risk management, ensuring the financial stability of artists and the organization while minimizing liabilities.
- Coordinated public relations, media, and marketing efforts to elevate artist profiles and drive fan engagement across multiple platforms, resulting in increased visibility and audience growth.
- Recruited, trained, and managed a team of 20+ staff and affiliates, focusing on professional development and creating a positive, friendly organizational culture.
- Championed philanthropic initiatives, leveraging artist platforms and followings to support community outreach and their respective social causes.

SPREADIN' HONEY PROJECT

2019–2022

Co-Founder

Oakland, CA & Crested Butte, CO

- Co-founded and led the philanthropic arm of an artist management client, The California Honeydrops, to raise awareness and funds for local non-profits across the country.
- Managed fundraising campaigns, marketing, and events; raised over \$50,000 for underserved communities through live streamed events, fan contributions, and donor matching in 2020.

CURATIVE, PUBLIC HEALTH

2020–2021

Manager, State of Colorado

Crested Butte, CO

- Managed COVID-19 testing operations for the State of Colorado under a \$100M contract with the Public Health Department, overseeing testing, implementation, supply chain logistics across the state.
- Directed quality control processes to ensure compliance with FDA and state health standards, while liaising with public health departments to align efforts with statewide priorities.

UNIVERSITY OF CALIFORNIA, SAN FRANCISCO
Research Assistant & Grant Writer

2009–2010
San Francisco, CA

- Compiled research from Dr. Robert Farese's laboratory for grant applications. Lead grant writer for a NIH R01 K grant, which was successfully funded in 2010 for \$3.2M.

EDUCATION

UNIVERSITY OF CALIFORNIA, LOS ANGELES
Certificate in Sustainability, Focus in Ocean Sustainability

2024–2025
Los Angeles, CA

UNIVERSITY OF CALIFORNIA, SAN FRANCISCO
Master of Science, Biophysics, Laboratory of Robert V. Farese, M.D

San Francisco, CA

UNIVERSITY OF CALIFORNIA, BERKELEY
Bachelor of Arts, Biophysics, Magna Cum Laude

Berkeley, CA

PUBLICATIONS

- Krahmer, N.; Guo, Y.; Wilfling, F.; Hilger, M.; Lingrell, S.; Heger, K.; Newman, H. W.; Schmidt-Supprian, M.; Vance, D. E.; Mann, M.; Farese, R. V.; Walther, T. C. Phosphatidylcholine Synthesis for Lipid Droplet Expansion Is Mediated by Localized Activation of CTP:Phosphocholine Cytidylyltransferase. *Cell Metabolism* **2011**, 14 (4), 504–515. DOI:[10.1016/j.cmet.2011.07.013](https://doi.org/10.1016/j.cmet.2011.07.013).
- Breslow, D. K.; Cameron, D. M.; Collins, S. R.; Schuldiner, M.; Stewart-Ornstein, J.; Newman, H. W.; Braun, S.; Madhani, H. D.; Krogan, N. J.; Weissman, J. S. A Comprehensive Strategy Enabling High-Resolution Functional Analysis of the Yeast Genome. *Nature Methods* **2008**, 5 (8), 711–718. DOI:[10.1038/nmeth.1234](https://doi.org/10.1038/nmeth.1234).

ADDITIONAL INFORMATION

- Attended World Ocean Summits in Lisbon, Portugal in 2023 and 2024
- An ocean lover at heart, I've traveled around the world to dive (400+ dives), including in several remote parts of Indonesia and the South Pacific. I was certified as a PADI Rescue Diver and Divermaster in Komodo National Park, Indonesia.
- Spent 7 years as a Trip Leader for Backroads, organizing and guiding multiday cycling and hiking trips in the USA, Spain, Switzerland, Mexico, and Costa Rica.
- Member of UC Berkeley's road biking team that won national championships 3 years in a row
- Certified in CPR & First Aid by the American Red Cross
- Proficient in Spanish