Bio

As the Earth and Environmental Sciences Librarian, I support the research and teaching of the Stanford Doerr School of Sustainability. I am responsible for selecting and managing the books, journals, and electronic resources of Branner Earth Sciences Library. I also provide reference services, serve as instructor for data analysis skills workshops, and manage the library’s newsletter and website.

Publications

- **Constraining the composition and quantity of organic matter used by abundant marine Thaumarchaeota.** *Environmental microbiology*
  2022

- **Single-cell view of deep-sea microbial activity and intracommunity heterogeneity** *ISME JOURNAL*
  Arandia-Gorostidi, N., Parada, A. E., Dekas, A. E.
  2022

- **Rates and physicochemical drivers of microbial anabolic activity in deep-sea sediments and implications for deep time.** *Environmental microbiology*
  2022

- **Characterizing the "fungal shunt": Parasitic fungi on diatoms affect carbon flow and bacterial communities in aquatic microbial food webs.** *Proceedings of the National Academy of Sciences of the United States of America*
  2021; 118 (23)

- **Characterizing Chemoautotrophy and Heterotrophy in Marine Archaea and Bacteria With Single-Cell Multi-isotope NanoSIP.** *Frontiers in microbiology*
  2019; 10: 2682

- **Characterizing Chemoautotrophy and Heterotrophy in Marine Archaea and Bacteria With Single-Cell Multi-isotope NanoSIP** *FRONTIERS IN MICROBIOLOGY*
  2019; 10

- **Microbial Community Composition in Deep Subsurface Reservoir Fluids Reveals Natural Interwell Connectivity** *Water Resources Research*
  Zhang, Y., Dekas, A., Hawkins, A., Parada, A., Gorbatenko, O., Li, K., Horne, R.
  2019

- **High-quality genome sequences of uncultured microbes by assembly of read clouds.** *Nature biotechnology*