

**Dr. Laughinghouse** is a broadly trained phycologist working with both basic and applied algal research from Tropical to Polar Regions. He earned a B.S. from Universidade de Santa Cruz do Sul and a PhD in Marine, Estuarine, and Environmental Sciences from the University of Maryland. His background includes systematics, ecology, HABs, cyanotoxins, phycoremediation, biofuels, metagenomics and metatranscriptomics of marine, freshwater and terrestrial environments. Some of the current research in the Laughinghouse Lab focuses on diversity and toxicity of cyanobacteria, environmental influences on macroalgae and microbial photoautotrophs, novel applied uses for algae, bioremediation, and the detection and effects of bioactive compounds. Research on testing different algal treatment methods with the industry is ongoing in the lab where Dr. Laughinghouse uses different approaches, bridging chemistry, genetics, diversity, and environment. The Laughinghouse Lab is always welcome to new ideas and collaborative research.