KiM MARTiNi PhD

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Professional Summary

Physical Oceanographer with a passion for making your data better
Expanding ocean observations through hardware and software design. Finds innovative solutions to challenging problems, collaborating with academic, industry and government scientists globally. A regularly invited speaker with over a dozen interviews on major news media, I am a trusted source of scientific information for scientists and the public.

Work History

CEO and Founder   **Tini Scientific | 2022-Present**

Transforming Sensor Design: Scaling emerging technologies to address climate change as it's happening.

Senior Oceanographer   **Sea-Bird Scientific | 2016-2022**

Sensor Development: Developed new optical oxygen sensor for autonomous deep ocean robots. Met customer requirements to support the annual deployment of >250 floats.

Software Development: Shaped strategic planning and technology road mapping with product management that resulted in a new software and SaaS initiative.

Education and Training: Lead Instructor for Sea-Bird University. Led the transition to virtual Sea-Bird University, increasing customer participation from 20 to >500 people annually.

Marketing: Key member of marketing team through engagement with the scientific community. Presented at 20+ scientific conferences. 4000+ followers on social media.

Diversity, Equity and Inclusion: Led D+I team in 2021, coordinating actions across Danaher OpCos, running internal workshops and completing 8 company-wide action items.

Research Associate   **NOAA/University of Washington Joint Institute | 2013-2016**

Field Experience: Led annual surveys for monitoring fisheries in the Bering Sea and instrument testing in Puget Sound, managing cruises, technical teams and logistics.

Research Scientist   **University of Alaska, Fairbanks | 2010-2013**

Seawater monitoring: Designed and built a real-time data acquisition system on a towed underwater instrument platform integrating physical, chemical and biological sensor package used in biogeophysical and plume studies.

Skills

Data analysis and visualization in MATLAB and Python
Extensive field experience working with oceanographic instrumentation
Designing observational systems for environmental monitoring and process studies
Speaks conversational Spanish and German
Bad photoshop