

Thursday - Career Panel

Allison Penko, Coastal Engineer at the U.S. Naval Research Laboratory and Assistant Program Manager at the Office of Naval Research



Allison Penko has been performing fundamental and applied research at the U.S. Naval Research Laboratory for the past 10 years. Her work focuses on the numerical simulation and observation of the complex interactions between waves, currents, and sediment in coastal regions from the micro- to mesoscale including coupled seafloor/ocean boundary layer dynamics, shallow water bathymetric morphology, and storm surge and inundation prediction. She has also been detailed part-time as an Assistant Program Manager at the Office of Naval Research since 2018. She helps manage multiple projects that support the transition of environmental prediction capabilities to the U.S. Navy.

Bob Dziak, Research Oceanographer at NOAA's Pacific Marine Environmental Lab



My name is Bob Dziak and I lead the Acoustics Program at NOAA's Pacific Marine Environmental Lab in Newport, OR. My research entails using underwater sound to explore and characterize ocean soundscapes. I study a wide range of phenomena from undersea earthquakes and volcanoes, polar ice dynamics, to the calls of large baleen whales.

David Revell, Revell Coastal



Dr. David Revell is a coastal geomorphologist with 25+ years of experience studying marine, coastal and estuarine processes, in particularly in the science and management of coastal processes and climate change. He has served as a technical advisor and facilitator to multiple, state, federal and local jurisdictions related to ocean and coastal management especially at the intersection of how physical processes and human alterations affect coastal hazards, habitats, and human use. He has been involved in a wide variety of contentious community stakeholder processes ranging from evaluating erosion hazard alternatives to climate change vulnerability impacts to lagoon and fisheries management, water quality, and marine spatial planning. Much of his work involves physical process research, and GIS to facilitate communication of science to inform decision making. Dr. Revell currently advises multiple local jurisdictions and agencies on dune and sediment management, climate change, estuary processes, inlet management, and local coastal management program updates. Dr. Revell has a reputation for outside the box thinking to innovatively solve complex physical and societal problems.

Sharon Franks, Senior Director - Research Proposal Development Service at University of California San Diego



I'm an oceanographer-turned-Research Development professional. I help university faculty in all fields develop highly competitive research proposals and win major grants.

Carlie Wiener, Director of Marine Communications at Schmidt Ocean Institute



Carlie Wiener has more than thirteen years of experience in marine science communications working on research, outreach, evaluation, and professional leadership. She received her Master's and Doctorate degree in environmental studies from York University.

Adrienne Sutton, NOAA Oceanographer at Pacific Marine Environmental Lab



Dr. Adrienne Sutton is an Oceanographer at NOAA's Pacific Marine Environmental Lab in Seattle. Her research and technology development efforts focus on advancing our understanding of the ocean carbon cycle and the impact of rising atmospheric carbon dioxide on marine ecosystems.

Grace Chang, Senior Science Advisor at Integral Consulting Inc.



Dr. Grace Chang is a consultant in limnology and oceanography with more than 20 years of experience performing site assessments including hydrodynamics, sediment transport, particle dynamics, and marine and hydrokinetic energy. Dr. Chang has managed programs involving field operations, data processing and analysis, and numerical modeling for environmental characterization, observational monitoring, scientific research, and technology development.

Kim Martini, Senior Oceanographer at Sea-Bird Scientific



I am a Senior Physical Oceanographer at Sea-Bird Scientific in Seattle, Washington. My job is to make your oceanographic data better. I am an expert in ocean instrumentation and data analysis, working globally with customers to solve problems and refine sensor performance.

Elizabeth Creed, Principal Applications Engineer at Hydroid, Inc.



Elizabeth has a BA in Biology, a MS in Marine Science and a BS in Electrical Engineering. She has worked in academia and industry. For the last 18 years she has been involved with underwater gliders and is currently an Applications Engineer and SME in the Seaglider Group at Hydroid, Inc. She is also active in the IEEE Oceanic Engineering Society.