

Benjamin Tupper

Bigelow Laboratory for Ocean Science
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Professional Record

1999 – present Research Associate

Bigelow Laboratory of Ocean Science, East Boothbay Harbor, ME

Software developer for numerous projects including image acquisition and analysis for microscopes and subaquatic cameras, satellite imagery, robotic laboratory equipment, database management and single-cell genetic analyses. Developer and manager of ecological forecasting system using citizen reports, satellite imagery and weather forecast data.

1997 – 1999 Research Technician

Maine Department of Marine Resources, Boothbay Harbor, ME

Supervised deployment of acoustic seabed mapping tool, managed data acquisition, analysis and archival. Assisted research scientist in marine fisheries and eelgrass research.

1994 – 1997 Physics, math and physical science teacher

Lincoln Academy, Newcastle, ME

Taught all levels of physical science, physics, pre-algebra, algebra, technical math and implemented *Principles of Technology* curriculum. Science department chair and professional development committee member.

1992 – 1994 Graduate Research Assistant

Institute for Quaternary Studies, Univ. of Maine, Orono, ME

Reconstructed modern water flow history of the Mackenzie River (Canada).

1988 – 1992 Physics and physical science teacher

Orono High School, Orono, ME

Taught all levels of physics and physical science, worked collaboratively to implement *Fondation Approaches to Science Teaching (FAST)* curriculum.

1987 – 1988 Regional Executive

Daniel Webster Council of Boy Scouts of America. Manchester, NH

Responsible for fundraising, volunteer recruitment and host institution support.

Academic Record

University of Maine: 1987 B.A. in Physics and 1994 M.S. in Quaternary Studies (now Climate Change Studies)

References

Dr. Ramunas Stepanauskas, Senior Research Scientist, Bigelow Lab, (207) 315-2567, ext 308

Dr. Nicholas Record, Senior Research Scientist, Bigelow Lab, (207) 315-2567, ext 316

Dr. Julia Brown, Bioinformatician, Bigelow Lab, Bigelow Lab, (207) 315-2567, ext 521