

Diana Papini Warren

director@learningendeavors.org ~ (808) 281-3106 ~ PO Box 692, Wailuku, HI 96793

Education

Sept 2025 - **Certificate in Coastal Climate Resilience & Sustainability**
Nov 2025 University of California at Santa Cruz
July 2025 - **Geospatial Educators Certificate**
August 2025 The National Geospatial Technology Center for Excellence
January 2016 - **Certificate in School Leadership and Management**
June 2018 Harvard Business School & Graduate School of Education
January 2014 - **Secondary Science Teaching Credential**
June 2015 University of Hawai'i Mānoa
January 2000 - **Master of Science in Education**
June 2002 California State University East Bay
January 2000 - **Certificate in Online Teaching and Learning**
June 2001 California State University East Bay
January 1990 - **Bachelor of Arts in Human Ecology**
June 1992 College of the Atlantic, Bar Harbor, Maine
August 1987 - **Liberal Arts Major**
Dec 1988 University of California Berkeley

Skills

- Developing and managing innovative environmental education programs and initiatives.
- Designing and facilitating engaging place-based learning experiences for students of all ages and backgrounds with an emphasis on real world problem solving through STEM.
- Facilitating sustainability related clubs and initiatives with systemic approaches.
- Writing, presenting, publishing, fund seeking and grant management.

Professional Background - *Systemic Approach Experience*

August 2013 - **Executive Director.** Learning Endeavors www.learningendeavors.org
June 2026 *Innovative education program development and management. Pacific Wide Initiative: Champions of Coastal Resilience; Statewide Initiative: Wetland Warriors*

March 2015 - **Director of School Engagement for Hawaii & the Pacific.** Project Lead The Way
October 2016 *Supported outreach for and implementation of K12 STEM education programs.*

July 2013 - **STEM District Resource Teacher.** Hawaii Department of Education, Maui District
March 2015 *Supported twenty schools in STEM. Provided training and resources for teachers.*

Jan 2013 – **Maui NASA STEM Site Coordinator.** Bernice Pauahi Bishop Museum
May 2015 *Assisted with Earth system science STEM curriculum development.*

Sept 2008 - **Project Manager.** Maui Economic Development Board Inc.
Dec 2011 *STEM education program design; K12 Teacher Professional Development and Curriculum Development - Lead on GeoTech and Island Energy.*

Feb 2004 - **Education Outreach Coordinator.** Akimeka, LLC www.digitalbus.org
 Feb 2007 *Developed, launched, and coordinated the original Maui Digital Bus, a mobile science and technology platform serving K12 schools of Maui Nui.*

Dec 2000 - **Professional Development Program Assistant.** Hawaii Department of Education,
 June 2002 Advanced Technology Research Branch. *Assisted with online Teacher Technology PD.*

Professional Background - K12 Classroom Instruction Experience

July 2025 - **High School Science Teacher.** Kūlanihāko‘i High School
 to May 2026 *Taught Biology Honors, Integrated Science, and Advisory Class.*

July 2020 - **High School Science Teacher.** Kihei Charter High School
 to June 2021 *Taught Biology, Field Ecology, and Senior Advisory. Led Eco-Club.*

July 2018 - **Instructional Technology Coordinator.** St. Anthony K12 School
 to June 2020 *Managed the school technology program; Assisted with fund seeking and innovation. Taught HS Computer Science.*

July 2017 - **High School STEM Teacher.** Hawaii Technology Academy Public Charter School
 June 2018 *Taught Biology, Algebra 1, and Intro to STEM. Led STEAM & Media Arts Clubs.*

August 2000 - **Technology Coordinator/Computer Teacher.** Sacred Hearts Elementary School
 June 2001 Lahaina, Hawaii. *Managed school technology program, taught grades K-8.*

Presentations/Publications

Champions of Coastal Resilience: Wetlands Education and Restoration of Pacific Islands. Presentation Proposal Accepted for Restoring America's Estuaries Conference, San Francisco, September 2026.

An Innovative Approach to Capacity Building for Community Participation Statewide in Protection of Endangered Native Birds of Hawai'i Wetlands. Presentation at Hawai'i Conservation Annual Conference, Honolulu, July 22, 2025.

Enhancing Climate Resilience Education & Action with Esri Tools. Presentation at Environmental Systems Research Institute Annual User Conference, San Diego, July 6, 2023.

Resilience in Education. Keynote Panelist Speaker. Hawaii Association of Science Teachers, Annual Conference, McKinley High School, Sept. 12, 2022.

Champions of Coastal Resilience: A Solution Oriented Approach to Climate Education. Break out session Co-Presenters, Diana Papini Warren and Joyce Haase. Hawaii Association of Science Teachers, Sept. 12, 2023.

Teaching Energy Science as Inquiry: Reflections on Professional Development as a Tool to Build Inquiry Teaching Skills for Middle and High School Teachers. Kanesa Duncan Seraphin, Diana Papini Warren, et. al. Journal of Science Education and Technology (Plenum). Springer. Jan 1, 2012

Island Energy Inquiry Science Curriculum. Maui Economic Development Board, Inc. Curriculum Project Director, Diana Papini Warren. January 2011.

Cultivating Geospatial Engineers in a Population Underrepresented in STEM Industries: A Professional Development Program for Teachers of Hawaii. American Society for Engineering Education Peer-Reviewed Paper. June 2011.

Engineering Energy Solutions: Facilitating Hands-on Learning Opportunities for Teachers and Students of Hawaii. American Society for Engineering Education Peer-Reviewed Paper. June 2011.

Clean Energy Hawaii STEM HD. An iPad App. Maui Economic Development Board, Inc., NSC Partners Inc., Member of the Development Team, Lead on Content and Science Inquiry, Diana Papini Warren. January 2011.

Professional Association

- WEST Environmental Justice Community Champion Fellowship 2024-25 (EPA Region 9)
- Environmental Systems Research Institute Inc. T3G Program - '05 Graduate & Ongoing Member
- National Science Teachers Association; Hawai'i Science Teachers Association - *Maui Liaison 2022-2024*
- International Society for Technology in Education

Technology Proficiency

- *Operating Systems - Mac and Windows*
- *LMS Use - Course Development and Management*
- *Geographic Information Systems (GIS) with ArcGIS Online*
- *Scientific Data Collection Equipment and Probeware with Software; Digital Microscope Use*
- *Google Suite and Classroom; Google Certified Educator*
- *Graphic Design with Canva; Web Design with Wix, Wordpress, Weebly, or Google Sites*
- *Video Production*
- *AI - Google Gemini and Notebook LM*