

Summary of Qualifications

- Ten years of management experience planning, designing, and implementing collaborative, high performing, and results-oriented Native Hawaiian Education programs within the University of Hawaii System with a focus on Science, Technology, Engineering, and Mathematics;
- Successful grant-writer and fundraiser in lean Federal, State, and industry environment;
- Expertise in Native Hawaiian education, research and statistics, culture-based frameworks, pedagogy and assessment;
- Team-oriented leadership style with strong interpersonal, communication, and conflict management skills.

Professional Preparation

University of Notre Dame	Civil Engineering	██████████
University of Hawai‘i at Mānoa	Business Administration	██████████
University of Southern California	Educational Leadership	██████████

Appointments

University of Hawai‘i at Mānoa – 2002 -present

- 2004-present **Coordinator**, Minority Engineering Program (MEP)/
Director, Native Hawaiian Science & Engineering Mentorship Program (NHSEMP) College of Engineering, UH Manoa
- 2002-2004 **Educational Specialist**, NSF LSAMP Pacific Alliance College of Engineering, UH Manoa

Selected Synergistic Activities

1. Project Director **Kaiāulu STEM: Advancing Native Hawaiian achievement, leadership, and career pathways in Science, Technology, Engineering, and Mathematics** – accountable for overall project direction, oversight, and deliverables for U.S. Department of Education project (value \$2.1M) at four University of Hawaii campuses (UH Manoa, UH Hilo, Leeward Community College, & Kapiolani Community College) and Statewide K-12 STEM outreach organization Na Pua No‘eau Center for Gifted and Talented Native Hawaiian Children. 2011 – 2015
2. Co-Principal Investigator of NSF Pre-Engineering Education Collaborative **‘IKE: Indigenous Knowledge in Engineering** (value \$4.9M) to plan, organize, and deliver Pre-Engineering curriculum pathways across five UH community colleges and UH Manoa. The multi-campus project involves system planning and program alignment, novel and distance curriculum design and delivery, and particular emphasis on the needs of Native Hawaiian community college students. 2010 – 2015.
3. Project Director of **STEM Scholars Program** (value \$1.7M) and **Native Hawaiian Science & Engineering Mentorship Program** (value \$1.2M) -provide overall project direction and oversight for U.S. Department of Education project to improve the readiness, self-efficacy, and achievement of Native Hawaiians for middle, high school, undergraduate, and graduate students in the STEM fields. 2005 – 2009, 2008 – 2011.
4. Kanaloa 2026 Working Group, **I Ola Kanaloa! Life to Kanaloa!** – Provide leadership, as part of an 8-member team, to organize, conduct, and implement a new 12-year Strategic Plan for the island of Kaho‘olawe. 2013 -2015
5. UHM Campus Co-Principal Investigator and advisory board member for **NSF Islands of Opportunity Alliance LSAMP** (value \$1.7M) in partnership with 17 institutions throughout the Pacific Region with an emphasis on building STEM instructional capacity for Native Hawaiian and Pacific Island-serving institutions. 2006-2011; 2011 – 2016.

JOSHUA K. KAAKUA

Honors & Awards

- 'Imi Na'auao Post-Baccalaureate Scholarship Program, [REDACTED]
- Liko A'e Native Hawaiian Leadership Program, [REDACTED]
- University of Hawaii Presidents Emerging Leaders Program, [REDACTED]
- University of Hawaii at Manoa Administrative, Professional, and Technical Performance Award, [REDACTED]
- [REDACTED]
- Native Hawaiian Higher Education Program, [REDACTED]
- American Water Works Association Award, [REDACTED]
- Hawaii Building and Construction Trades Council Award, [REDACTED]

Community Involvement

- American Indian Science & Engineering Society (AISES) – founding Hawaii Chapter Advisor
- American Society of Civil Engineers (ASCE)
- Hakipu'u Learning Center -piko volunteer
- Kualii Native Hawaiian Advisory Council at UH Manoa
- Na Pua No'eau and Ke Ola Mau Native Hawaiian Health Scholars Program – Advisory Board
- Na Pualei o Likolehua -Halau volunteer
- Native Hawaiian Education Association (NHEA)
- Pacific American Foundation Na 'Imi Naauao -Advisory Board
- Protect Kaho'olawe 'Ohana -Kua
- Polynesian Voyaging Society – Hokule'a crew member
- Punahou School – Intermediate and Junior Varsity Football Coach, 2001 – current
- Society for Advancement of Chicanos and Native Americans (SACNAS) – Chapter Mentor
- St. George Church, Waimanalo -parishioner, volunteer
- UH Manoa Committee on Diversity & Equity (COD)

Interests

Project management; Science, Technology, Engineering, and Mathematics Education; Diversity & access to post-secondary education; Non-profit management; Academic learning communities; Engineering design;

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