

## AI Qöyawayma CV

### Professional Development

Herant Engineering	Canoga Park, CA	Intern, Precision Toolmaking	1956-60
Cal Poly State Univ.	San Luis Obispo, CA	Mechanical Engineering	BS, 1961
University California	Los Angeles, CA	Control Systems Engineering	1962-63
University So. Calif.	Los Angeles, CA	Mechanical Engineering	MS, 1966
University So. Calif.	Los Angeles, CA	Water/Environmental Engr.	1967-69
Registered Professional Engineer, CA & AZ		Mechanical Engineering	PE, 1967-71
Arizona State Univ.	Phoenix, AZ	Power Engr., Art, Archaeology	1972-80

### Appointments

American Indian Science & Engr. Society, Co-Founder, Founding Chairman	1977-80
In 2024 AISES became International, covering all North America and the Pacific Islands: "Advancing Indigenous" peoples in STEM and all fields	
National Action Committee Minorities in Engineering (NACME) Board	1984-86
Electric Power Research Institute (EPRI), Advisor and Environmental Board	1984-88
Arizona Commission on the Arts, Commissioner	1991-92
White House Presidential Appointment, Vice-Chairman, Board of Trustees, Institute of American Indian Art (IAIA), Santa Fe	1988-94
Heard Museum, Board of Directors; Chairman Heard Men's Council	1990-92
Fulbright Fellowship, Maori Te Waka Toi, New Zealand	1991
IAIA Foundation, Founding Member, IAIA (Presently 5 year College)	1993

### Honors/Awards

Development of LN-15 Inertial Measurement Unit (IMU), Litton Guidance and Control Systems. Woodland Hills, California; Awarded world-wide patents	1967
Popovi Da Memorial Award, Scottsdale National Arts Exhibition	1976
Pottery First Place, Juried Show, Heard Museum, Phoenix, Arizona	1977
Mrs. Walter Mondale: Kennedy Center; Then selected Center Piece of Native American Arts Exhibit, Smithsonian Mu. of Natural History, Washington, D.C.	1979-1980
Ely S. Parker Award; American Indian Science and Engineering (AISES)	1982
Best of Art, 2nd Place all Art Categories, Juried Competition, Heard Museum.	1983
Alumnus of the Year, California Polytechnic State Univ., San Luis Obispo	1989
Honorary Doctor of Humane Letters, DHL, University of Colorado, Boulder, CO	1986
Best of Ceramics, Heard Museum, Phoenix	1989
Dean's Advisory Council, Member, School of Engineering, Cal Poly, SLO.	1994-96
Judges Award, Best of Non-Traditional Ceramics, Polychrome, Heard Museum	2004
Exhibit Consultant, National Museum of American Indian, Publ: "Born of Clay"	2006
Permanent American Artist, Archives of Smithsonian American Art Museum	2010
Honorary Doctor of Science, DSc, California Polytechnic State University, SLO	2013
Best of Ceramics, SWAIA, Juried, Southwest Assoc. of Indian Art, Santa Fe, NM	2016
Best of Ceramics, Heard Museum, Juried, Phoenix, AZ	2017
Permanent Installation, Salt River Project Executive Center, Phoenix; Dedication	2017

**Exhibits/Shows/ Installations, (Museum Collections?)**

Phoenix, Scottsdale, Prescott, Carefree, San Luis Obispo, San Francisco, Denver  
Boulder, San Antonio, Chicago, New Jersey, Miami, Washington, DC, New York

**Associations/Organizations**

Member Hopi Tribe, AISES, IAIA, IEEE; ASME, AAES, AAAS, NACME.  
Heard Museum, Northern Arizona Museum, Sharlot Hall Museum

**Synergistic Activities**

(Not yet listed)

Titles: Alfred H. Qöyawayma, BS, MS, PE, DHL DSc

Hopi Name: Kuwanwisiwma Qöyawayma, Coyote Clan

Moniker: Al "Q"