

BRENNON T. MORIOKA, Ph.D., P.E.

EDUCATION **University of Hawai'i at Mānoa**
Ph.D., Civil Engineering

University of California, Berkeley
M.S., Civil (Geotechnical) Engineering
B.S., Civil Engineering

'Iolani School
Diploma

PROFESSIONAL EXPERIENCE

- 2019 - present **Dean, College of Engineering, University of Hawai'i at Mānoa:**
Leads the only engineering college in Hawaii overseeing engineering fields including civil, mechanical, electrical, computer, biomedical, and aerospace engineering with over 1,400 students, 60 faculty members, and an R1 research university. Serves as the primary liaison to the engineering and business communities, federal, state, and local governments, and supports student excellence programs targeted on STEM initiatives both at the University as well as at all levels in the local public and private schools in Hawaii.
- 2017 - 2019 **General Manager of Electrification of Transportation, Hawaiian Electric Company:**
Developed and managed the Electrification of Transportation department and initiatives across Hawaiian Electric's three companies to increase the adoption of electric vehicles, buses, and equipment to assist the State's transition of transportation operations to electric powered equipment to help achieve the State's clean energy initiatives and the reduction of carbon emissions in the state.
- 2013 - 2017 **Deputy Executive Director, Honolulu Authority for Rapid Transportation (HART):**
Led the management of the 139 person rail transit agency responsible for planning, design and construction of the \$9 Bil, 20-mile elevated rail transit system. Served as the primary liaison with all federal, state, and city agencies as well as elected officials of all levels of government. Responsible for negotiating agreements and interfacing with businesses and community organizations, including the UH system, utility companies, landowners and developers along the rail alignment and all major utility companies
- 2011 - 2013 **Vice President & Area Manager, CH2M HILL**
Oversaw the daily operations and personnel for international, multi-disciplinary engineering consulting and construction firm in the Hawai'i regional office consisting of 70 employees with annual gross revenues of \$20 to \$30 Mil. Managed the business development and client service management programs and developed annual goals and performance measures for the region. Served as the liaison with political and legislative bodies and with business and community leaders and organizations.
- 2010 - 2011 **Executive Vice President, Shioi Construction, Inc.:**
Led general and specialty contracting company consisting of 250 employees with annual revenues of \$30 to \$60 Mil. Developed new corporate strategic plan, updated corporate policies and procedures, and facilitated employee collaboration. Managed the business development, government and public relations programs.

- 2007 – 2010 **Director**, Hawai'i State Dept. of Transportation:
- 2005 – 2007 **Deputy Director**, Hawai'i State Dept. of Transportation, Highways Division
 Oversaw and managed the second largest state department in Hawai'i including Highways, Airports, and Harbors Divisions consisting of 15 airports, 10 commercial harbors, & 2,500 miles of highway with 2,500 employees, and over \$1.5 Bil annual operating and capital improvement budget. Implemented mega-infrastructure modernization programs in each division. Served as primary liaison with legislature, county councils and mayors, business and community leaders, and federal, state, and county agencies

ACADEMIC/TEACHING EXPERIENCE

- 1995 - 2002 **Instructor/Lecturer**, College of Engineering, University of Hawai'i at Mānoa:
 Taught undergraduate freshman, junior and senior level engineering courses. Regularly ranked amongst the top faculty each semester in student reviews
- 1995 - 1999 **Research Assistant**, College of Engineering, University of Hawai'i at Mānoa:
 Managed research program and coordinated fabrication of large scale calibration chamber testing facility
- 1995 **Teaching Assistant**, College of Engineering, University of Hawai'i at Mānoa:
 Graded papers, gave lectures, and assisted professors and students in junior and senior level courses

PROFESSIONAL AFFILIATIONS

- Pacific International Center for High Technology Research, *Board of Director, Chair* (2011 – present)
- Sustainable Transportation Coalition of Hawaii (STCH), *Advisory Board* (2018 – present)
- Pacific International Space Center for Exploration Systems, *Alt. Board of Director* (2020-present)
- Engineering Alumni Association of UH (EAAUH), *Board of Director* (2019 – present)
- iLab Advisory Committee (2019 – present)
- University Transportation Center (UTC), *Advisory Board* (2017 – present)
- University of Hawai'i, College of Engineering Dean's Council/Exec Com, *Chair* (2009 – 2019)
- University of Hawai'i, Civil Engineering Industry Advisory Committee, *Member* (2007 – 2019)
- Shioi Construction, Inc., *Board of Director* (2011 - 2012)
- Honolulu Board of Water Supply, *Board of Director* (2007 - 2010)
- Hawai'i Community Development Authority (HCDA), *Board of Director* (2007 - 2010)
- Aloha Tower Development Corporation (ATDC), *Board of Director* (2007 - 2010)
- Hawai'i Tourism Authority (HTA), *Board of Director* (2007 - 2009)
- Hawai'i State Earthquake Advisory Committee, State Civil Defense, *Elected Member* (2001 - 2008)
- Honolulu Japanese Chamber of Commerce (HJCC), *Member* (since 2007)
- Engineering Alumni Association of UH (EAAUH), *Member* (since 1999)
- University of Hawai'i Alumni Association, *Member* (since 1999)
- UC Berkeley Alumni Association of Hawai'i, *Member* (since 1991)
- Chi Epsilon (UC Berkeley Chapter), *Member* (since 1990)

HONORS & AWARDS

Distinguished Alumni Award, University of Hawaii, College of Engineering (2016)

Engineer of the Year, State of Hawai'i, Hawai'i Society of Professional Engineers (2016)

ASCE Civil Government Award, national award recognizing top civil engineer in an appointed or elected position (2010)

Forty Under Forty, Pacific Business News (2008)

Japanese American Leadership Delegation, Japan Ministry of Foreign Affairs (2007)

Hawai'i Leadership Academy, intensive leadership training for government executives (2007)

Bike to Work Complete Streets Hero Award, Hawai'i Pedal Power Bike to Work Week (2009)

Leadership Award, Motorcycle Safety Foundation (2007)

Advancing Motorcycle Rider Education, Street Bikers United Hawai'i (2007)

Young Engineer of the Year, State of Hawai'i, Hawai'i Society of Professional Engineers (2001)

US Delegate to 1st International Young Geotechnical Engineers Conference, University of Southampton, Southampton, United Kingdom (2000)

Achievement Rewards for College Scientists (ARCS) Foundation Scholarship in Engineering, top graduate student in the College of Engineering (1996 & 1997)

Everett E. Black Scholarship (1995)

California Japanese American Alumni Association Scholarship (1989)

Scott Werner Scholarship (1988)

Air Force ROTC Four Year Scholarship (1987)

'Iolani School Alumni Award (1987)

COMMUNITY SERVICE:

Aloha Stadium Authority, Member (2018 – present)

Ahahui Koa Anuenue, Board of Director (2015 – present)

US-Japan Council, Member (2011 – present)

Friends of Iolani Palace, Board of Director (2019 – present)

UH Manoa Student Learning Working Group, Member (2020 – present)

UH Manoa Communications Committee, Member (2020 – present)

Aloha United Way, UH Manoa Co-Chair (2019)

Mothers Against Drunk Driving (MADD) Advisory Council, Member (2010 – present)

Daniel K. Inouye Fellowship Selection Committee, Member (2016 – present)

Japanese Cultural Center of Hawai'i, Board of Governor (2016 – present)

Japanese Cultural Center of Hawai'i, Board of Director, Chair (2010 – 2016)

Pacific Links Hawai'i Foundation, Board of Director, Treasurer (2013 – 2015)

Konishiki Kids Foundation, Board of Directors (2001 – 2010)

'Iolani School Varsity Football Assistant Coach (1995 – 2001)

McKinley HS Varsity Soccer Coach (1995 – 1996)

'Iolani School Intermediate Soccer Coach (1993 – 1994; 2017 – 2019)

PUBLICATIONS

Kwong, J., J. Kalani, M. Francis, and B. Morioka (2002). “Comparison of HDD Contractual Performances and Geotechnical Design Approaches,” Proceedings of the *North American No-Dig 2002*, NASTT, Montreal, Canada, April 28-May 1, 2002.

Morioka, B.T., J.K.P. Kwong, and J.K. Kalani (2001). “Jet Grouting for Microtunneling and Shaft Construction in Highly Congested Utility Corridors,” *Foundations and Ground Improvement*, ASCE *Geotechnical Special Publication No. 113*, Blacksburg, VA, June 10-13, 2001.

Morioka, B.T., J.K.P. Kwong, and J.K. Kalani (2001). “Jet Grouting Methods Used to Improve the Constructability of Trenchless Projects,” Proceedings of the *North American No-Dig 2001*, NASTT, Nashville, TN, April 1-4, 2001.

Morioka, B.T. and P.G. Nicholson (2000). “Liquefaction Evaluation for Calcareous Sand by Cone Penetrometer,” Proceedings of *Recent Advances in Marine Science and Technology*, PACON 2000, Honolulu, HI June, 2000.

Morioka, B.T. (2000). “Using the CPT to Evaluate Engineering Properties of Calcareous Sands,” Proceedings of the *1st International Young Geotechnical Engineers Conference*, University of Southampton, United Kingdom, September 8-13, 2000.

Morioka, B.T. and P.G. Nicholson (2000). “Evaluation of the Liquefaction Potential of Calcareous Sand,” Proceedings of the *10th International Offshore and Polar Engineering Conference*, Seattle, WA, May 28-June 2, 2000.

Morioka, B.T. (1999). “Evaluation of the Static and Cyclic Strength Properties of Calcareous Sand using Cone Penetrometer Tests,” submitted to the *Graduate Division in partial fulfillment of the requirements for the Degree of Doctor of Philosophy*, University of Hawai‘i, Mānoa.

Morioka, B.T. and P.G. Nicholson (1999). “Evaluation of the Liquefaction Potential of Calcareous Sand Using Cone Penetrometer Tests,” Paper No. 990503, presented at the *Transportation Research Board Annual Meeting*, Washington, D.C., January 10-14, 1999.