

DAN ARVIZU, PhD



Dr. Dan Arvizu presently serves as Senior Advisor to the Emerson Elemental practice of Emerson Collective. He previously served as Chief Technology Officer and STEM Evangelist. Emerson Elemental's mission is to restore and strengthen the symbiosis between humanity and nature. His roles include advising on organizational strategy, reviewing investments and conducting technical due diligence for Emerson portfolio technology companies, and supporting strategic initiatives with Emerson's network partners. He also currently serves as a Precourt Institute Energy Scholar and adjunct professor at Stanford University.

Dr. Arvizu has had a long distinguished career in advanced energy research and development, materials and process sciences, and technology commercialization. He started his career in 1973 at Bell Labs, and after 4 years transferred to Sandia National Labs, where he spent the next 21 years, 14 years in executive roles. In 1998 he joined CH2M Hill Companies, Ltd for 6 years, his last two years as a CTO. In January of 2005 he was appointed the 8th Director of the U.S. Department of Energy's National Renewable Energy Laboratory (NREL) in Golden, Colorado and became the first Hispanic Lab Director in the history of any of the 17 U.S. DOE's National Labs. He retired in December of 2015, and is presently Director Emeritus.

Dr. Arvizu serves on a number of boards, panels and advisory committees including the State Farm Mutual Insurance Board of Directors, the Singapore International Advisory Panel on Energy, and the Stanford Precourt Institute for Energy Advisory Council. He also currently serves on several other panels and committees. In 2004 he was appointed by President George W. Bush, and subsequently in 2010 reappointed by President Barack Obama (twice confirmed by the full Senate), to serve 6 year terms (2004-2010;2010-2016) on the National Science Board (NSB). He was twice elected NSB Chairman by his peers and served as Chair for four years (2012-2016) where he testified annually on NSF's budget before Congress. He was the first Hispanic NSB chair of the National Science Foundation, founded in 1950.

He is an elected Fellow of the National Academy of Engineering and the National Academy of Public Administration and in 2016 received the Secretary of Energy's Exceptional Service Award for more than 3 decades of energy contributions. He has received numerous awards and recognitions including induction as a member of the U.S. News and World Report STEM Leadership Hall of Fame, induction as a member of the Great Minds in STEM Hispanic Science and Engineering Hall of Fame, and in 2010 was awarded the Hispanic Scientist of the Year, by the Museum of Science and Industry, Tampa, Florida.

Dr. Arvizu has a Bachelor of Science in Mechanical Engineering from New Mexico State University, and a Master of Science and Ph.D. in Mechanical Engineering from Stanford University.

BARBARA DAMRON, PhD



Dr. Barbara Damron is currently Cabinet Secretary of the New Mexico Higher Education Department and is the State Higher Education Executive Officer (SHEEO) for New Mexico, with oversight of the state's 28 public institutions of higher education, 4 tribal colleges, and over 180 private and proprietary post-secondary schools. She chairs the New Mexico Education Trust Board, the state's 529 college savings plan. Dr. Damron is a Commissioner of the Western Interstate Commission of Higher Education (WICHE), serves on the WICHE executive and policy committees, and is a Commissioner of the Education Commission of the States. She is currently treasurer of the State Higher Education Executive Officers Association. Prior to her work as Cabinet Secretary and as the New Mexico SHEEO, she was an Associate Professor at the University of New Mexico (UNM) College of Nursing and at the School of Medicine in the Department of Family & Community Medicine at the UNM Health Science Center. Dr. Damron developed and directed the UNM Comprehensive Cancer Center (UNM CCC) Office of Community Partnerships and Cancer Health Disparities, which included outreach to Native American and Hispanic populations. She also was an associate scientist at the UNM CCC.

Dr. Damron was a 2012-2014 Robert Wood Johnson Foundation/National Academy of Medicine Health Policy Fellow and a 2012-2013 American Political Science Association Congressional Fellow. She worked in Washington DC on the US Senate Committee on Health, Education, Labor, and Pensions (HELP) for Senator Lamar Alexander.

Dr. Damron has served as a hospital manager and executive for 3 hospitals in Texas. She practiced her basic and advanced clinical work in Fort Worth, San Antonio, and Santa Fe. Dr. Damron provided educational, research, and leadership consultation to hospitals, pharmaceutical companies, and health organizations for 10 years through her company, Damron Oncology Consulting. She is currently serving or has served on and chaired numerous national and state boards including Complete College America, the American Cancer Society, the Oncology Nursing Foundation, and St. Vincent/Christus Hospital Board of Directors. She is the recipient of over 35 international, national, and state awards.

Dr. Damron's research focused on cancer health disparities in Hispanic and Native American populations, communication patterns between health care professionals and patients, and attitudes of underserved populations toward bio-specimen collection. She has been published in several peer-reviewed journals including *Cancer Epidemiology, Biomarkers, & Prevention* and the *Oncology Nursing Forum*. She co-edited the country's first cancer policy textbook *Cancer and Health Policy: Advancement and Opportunities*. Dr. Damron has taught at the undergraduate and graduate levels and was core faculty in the development and implementation of the UNM College of Nursing's Nursing and Health Policy doctoral program.

Dr. Damron received her BSN from Union College in Lincoln, Nebraska. She received her MSN from The University of Texas Health Science Center at San Antonio. She completed a PhD in Educational Psychology, with a concentration in social/personality/developmental psychology applied to oncology, from the University of Texas at Austin.

JOHN D. FLOROS, PhD



Renowned food scientist and academic leader John Floros became dean of the College of Agriculture and director of K-State Research and Extension in July 2012. Since then, he has led the development of a College of Agriculture strategic plan for Vision 2025, guided the college to record student enrollments, retention and graduation, and nearly 100% placement. As director, he steered K-State Research and Extension – an entity with faculty and staff in five colleges: Agriculture, Arts & Sciences, Engineering, Human Ecology, and Veterinary Medicine – to record extramural funding, with research expenditures of more than \$105 Million. Under his leadership the College of Agriculture established the first ever NSF supported Center on Wheat Genomics; and four new Feed-the-Future Labs from USAID on wheat, sorghum and millet, postharvest loss reduction, and sustainable intensification, for a total investment of more than \$100M in five years. Niche ranked K-State’s College of Agriculture 4th in the nation in 2017.

Floros' research work spans the application of chemical engineering science, applied mathematics and industrial statistics to the field of food science, food process engineering and food packaging. He has written more than 220 scientific articles, book chapters, abstracts and other publications, and delivered more than 350 invited presentations around the world.

His research has been funded by the U.S. Department of Agriculture, NASA, state agencies, and private industry. He has been a member of several professional organizations, including the Institute of Food Technologists, the leading professional organization in the food science discipline, the American Society of Agricultural and Biological Engineers, and the American Society for Quality Control. He is a Fellow and served as president of the Institute of Food Technologists, and a Fellow of the Food Systems Leadership Institute.

Recently, the U.S. Food and Drug Administration recognized him for his “distinguished service to the people of U.S.A.” as a member of the Science Board to the FDA. In 2017, he testified in front of the Senate Committee on Agriculture, Nutrition, and Forestry on “Agricultural Research: Perspectives on Past and Future Successes for the 2018 Farm Bill,” and he is now co-chair of the National Academies of Sciences, Engineering and Medicine, Executive Committee on Science Breakthroughs 2030: A Strategy for Food and Agricultural Research.

Before coming to K-State, Floros served as professor and head of the department of food science at Pennsylvania State University (2000-12). He also served as a professor at Purdue University (1988-2000) and worked as an international industry consultant for more than 30 years. He earned his PhD in food science and technology from the University of Georgia.

ROBERT J. MARLEY, PhD



Dr. Robert Marley currently serves as the Provost and Executive Vice Chancellor at the Missouri University of Science and Technology and is a professor of Engineering Management and Systems Engineering. Founded in 1870 as a result of the Morrill Act, Missouri S&T serves as a land-grant university and is a doctoral research university in the “higher” Carnegie classification. Marley oversees academic colleges and support programs, as well as research and sponsored programs, technology transfer, enrollment management, the Registrar, financial aid, library, distance education, and international programs.

Marley began his professional career as a rehabilitation engineering technician at the Cerebral Palsy Research Foundation where he helped design adaptive technologies for severely disabled adults. He joined Montana State University in 1990 in the Mechanical and Industrial Engineering Department, where he went on to hold positions as Associate Dean, and then Dean of the College of Engineering, and later as Interim Vice President of Student Success.

In his faculty role, he pursued research questions in ergonomics and human factors engineering related to human performance and cumulative trauma disorders. Marley is author of over 100 publications with his research impacting ergonomics, engineering and safety related disciplines, and has several citations in key Federal compendiums in these areas. He has garnered local and national awards as a faculty mentor and has co-authored a widely-used textbook, including a Spanish language edition.

In his leadership roles, Marley has led numerous initiatives to increase student and faculty success. Results include strategic enrollment and retention growth, significant increases in funded research, increases in faculty and student diversity, new programs and facilities, as well as facilitating prominent national and international awards for students and faculty. As an administrator, he has also helped secure over \$114 Million in new private, State and Federal support for professorships, programs and facilities.

In 2012, Marley was selected into the prestigious ACE Fellows Program for leadership development, spending a year at Texas A&M University. Among other activities, he studied models of relationships between a flagship public research university and other state campuses operating within a mission-diverse system.

Marley holds a PhD in Industrial Engineering from Wichita State University. He holds bachelor’s and master’s degrees, also from Wichita State. He and his wife, Margaret Maben, who holds a BS in Microbiology, reside in Rolla, Missouri, where they enjoy many outdoor activities together.

BRIAN J. R. STEVENSON, PhD



Dr. Brian Stevenson is the former president of Lakehead University, Ontario, Canada. While in that role, he led the University through an intense period of growth, internationalization and a greatly enhanced national and global profile. Among his numerous deliverables were the founding of the Bora Laskin Faculty of Law, increasing the international student population, more than doubling the graduate student population, and increasing the student population at the Orillia campus by 30%. During his tenure, Lakehead University experienced growth and expansion of infrastructure and programming, including major renovations, acquisitions, new construction, and an increase in indigenous initiatives and education and access programs. Lakehead became the first University in Canada to implement a cross-curricular Indigenous Content Requirement and the first to appoint a Chair on Truth & Reconciliation and has since been named Canada's number one research University in its category three years in a row. Recently, Dr. Stevenson stepped out of the president's role to allow time to focus on his research on NAFTA. He is also a visiting scholar at Queen's University and the Center for U.S.-Mexico Studies in the School of Global Policy Studies at the University of California, San Diego (UCSD).

Stevenson began his career at the Instituto Tecnológico Autónomo de México (ITAM) in Mexico City where he founded the Canadian studies program. He later accepted an appointment at the University of Alberta School of Business. For a time, he served as senior policy advisor to the Canadian Ministers of International Trade and Foreign Affairs in Ottawa, then returned to the university as Vice-Provost and Associate Vice-President (International) and associate professor at the School of Business.

Prior to taking the helm at Lakehead, Dr. Stevenson served the University of Winnipeg as Provost and Vice-President (Academic). While there, he was involved in a significant re-invention and renewal of many aspects of the University, including a new Academic Plan, new graduate programs, promotion of internationalization, and design and implementation of a comprehensive enrolment strategy.

Other roles of note: Interim Executive Secretary for Integral Development and Interim Director General for the Inter-American Agency for Cooperation and Development at the Organization of American States (OAS) in Washington; public policy scholar at the Woodrow Wilson Center for International Scholars; and most recently, named a Fulbright Scholar.

Throughout his career, Dr. Stevenson has built a record of leadership in academia and government, in addition to holding senior positions at various Canadian universities, the federal government in Ottawa and in an international organization. Dr. Stevenson holds BA (Honours) and MA from the University of Victoria in British Columbia, and a doctorate from Queen's University at Kingston, Ontario.

Dr. Stevenson has authored and/or co-edited a number of books and articles on foreign policy. He grew up in Mexico, Canada and the United States of a Mexican mother and Canadian father and is fluently bilingual in Spanish and English.