

To: The University Senate
From: Senate Nominating Committee
Subject: Nominees for Vice Chairperson of the University Senate
Reference: Bylaws, Section 3.20b, c
Disposition: Election by the University Senate

Proposal: The Nominating Committee proposes the following slate to serve as candidates for Vice Chairperson of the University Senate during the academic year 2025-2026:

Julio Ramirez, Civil Engineering

David Liu, Computer Science- PFW

Please see the following pages for biographical statements.

Committee Votes:

For:

Dulcy Abraham
Damon Lisch
Seema Mattoo
Byung-Cheol Min
Abdelfattah Nour
Mohit Tawarmalani
Christina Wilson-Frank

Against:

Abstained:

Absent:

Sabine Brunswicker
Sebastian Murgueitio
Ramirez

Julio A. Ramirez, Ph.D. Dist. M. ASCE
Karl H. Kettelhut Professor in Civil Engineering
NHERI-NCO Center Director
Lyles School of Civil and Construction Engineering

Dr. Julio A. Ramirez was appointed to the faculty at Purdue University with the rank of Assistant Professor in 1985 and promoted to the rank of Full Professor in 1996. In 2018 he was appointed as Karl H. Kettelhut Professor of Civil Engineering in the Lyles School of Civil and Construction Engineering to this date. During more than 30 years as Purdue University professor, he has served in a variety of school, college, and university-level committees, including the University Senate.

Dr. Ramirez is a full voting member of the technical Joint Committees of the American Concrete Institute (ACI) and the American Society of Civil Engineers (ASCE) 445- Shear and Torsion; and Committee 408- Bond and Development of Reinforcement and has been invited to serve as a full voting member of the ACI 318 Building Code Committee. This is the standard that regulates all structural concrete building design and construction in the United States. Since 2016, he has been the Principal Investigator and Center Director of the Network Coordination Office (NCO) of the NSF funded Natural Hazards Engineering Research Infrastructure (NHERI). Previously he served as the chief officer for the NSF funded large-scale research infrastructure George E. Brown Jr. Network for Earthquake Engineering Simulation (NEES) from October 2009 to September 2015. On July 29, 2014, while serving as the Chief Officer of NEES, Prof. Ramirez testified before Congress as it debated reauthorizing legislation to reinstate federal research funding devoted to mitigating earthquake damage to the nation's infrastructure.

He has served as an Associate Editor for the Committee on Concrete and Masonry Structures (CCMS) Division of the American Society of Civil Engineers (ASCE) Structural Journal and has been a member of several National Cooperative Highway Research Program (NCHRP) research panels. Prof. Ramirez has served in NSF proposal review panels for several directorates. In 2017 Dr. Ramirez was inducted to the Purdue Innovator Hall of Fame.

In 2021 he was elected Distinguished Member of the American Society of Civil Engineers. Prof. Ramirez is a Fellow of the American Concrete Institute and the recipient of the 2000 Delmar Bloem Award and the 2006 Joe W. Kelly Award of the American Concrete Institute. Currently, Dr. Ramirez serves a two-year term on the Advisory Committee on Structural Safety of Department of Veteran Affairs Facilities providing advice to the Secretary of Veterans Affairs on matters of structural safety and remodeling of VA facilities.

David Q. Liu, Ph.D.
Associate Professor in Computer Science
Purdue University Fort Wayne
Director, Purdue Quantum AI Security Lab

Dr. David Q. Liu joined Purdue University Fort Wayne as an Assistant Professor in 2004 and was promoted to Associate Professor in 2011. Over his 20-year tenure, he has actively contributed to various school, college, and university-level committees, including the Purdue Fort Wayne Faculty Senate and the Purdue University Senate. Currently, he serves on the University Senate Steering Committee and the Intercampus Faculty Council. Dr. Liu has a comprehensive understanding of the challenges faced by Purdue University's main campus (including Indianapolis), Purdue Northwest, Purdue Fort Wayne, statewide Purdue Polytechnical Institute, Purdue Extension, and Purdue Global.

As an educator, researcher, entrepreneur, and start-up advisor, Dr. Liu has collaborated extensively with faculty and researchers across the Purdue system. He was a Scholarship of Engagement Fellow in 2020-2021 and a Faculty Entrepreneurial Learning Academy member in 2021-2022. He also holds a second appointment as a Senior Research Scientist and Quantum Information Science Lead at the Rosen Center for Advanced Computing. In this role, he secured and is leading an NSF CyberTraining project for 2025 and 2026 in collaboration with Arizona State University. Dr. Liu is affiliated with the Purdue Quantum Science and Engineering Institute (PQSEI), the Purdue Center for Education and Research in Information Assurance and Security (CERIAS), and the Chicago Quantum Exchange. He represents Purdue University on the Quantum Computing Steering Committee at Quantum Collaborative, a nationwide consortium led by Arizona State University.

Dr. Liu has served as a panelist for the US National Science Foundation and the Canada Foundation for Innovation. His expertise spans Cyber-Physical Systems, Intelligent IoT, Cybersecurity, Blockchain, Edge AI, Quantum Computing, and Generative AI. Additionally, he is an NSF I-Corps instructor for both the NSF I-Corps Great Lakes Hub and the Mid-South Hub, supporting start-up and economic development regionally and nationally. He is a senior member of IEEE and ACM.

Dr. Liu is committed to serving and representing Purdue University effectively as the Senate Vice Chair.