

Yi-xian Qin is currently SUNY Distinguished Professor, and Chair of the Department of Biomedical Engineering (BME), and Co-Director of the Institute for Engineering Driven Medicine (IEDM) at State University of New York (SUNY) - Stony Brook University. He has been closely involving the rapid development of biomedical engineering research and education, in which the BME department at Stony Brook University becomes one of the top and most productive departments/programs in Stony Brook. He has been a member of BMES since 1996, and served as a chair for Orthopaedic and Rehab Track chair, and various committees. He is one of the founding members of the forming of the Cellular and Molecular Bioengineering (CMBE) Special Interest Group (SIG) in BMES, and served as the first Chair of CMBE in 2012. He is now serving as Treasurer of CMBE. He is Fellow of AIMBE, BMES, IAMBE, American Society of Bone and Mineral Research (ASBMR), and International Astronautics Academy (IAA).

Yi-xian's researches are focused in the areas of cellular and molecular mechanism of tissue adaptation, mitigation of bone loss, orthopedic implant fixation, bone fluid flow controlled bone remodeling and cellular activities, promotion of fracture healing and regeneration with functional physical stimulation, and ultrasonic diagnostics and therapeutics for musculoskeletal quality assessment and regulation of tissue regeneration.

Yi-xian has been enthusiastically promoting diversity, equity, and inclusion (DEI) in education, research, and scientific societies. As the Associate Dean for Academic Affairs, he initiated faculty development guideline to include DEI components. As a department chair, he has enthusiastically been involved in diversity in students' classroom education and intern training, and maintains a friendly and healthy working environment for faculty, staff, and students. The BME student body maintains about 50:50 ratio for female students, many of whom are actively participating in the Women in Science and Engineering program. He has organized many conferences and workshops, such as CMBE conference, and international bone fluid flow workshop. Diversity is/was one of the top priorities in programs and awards. After the exercise of diversity activities in societal activities, research and education, he has a clear vision and maintains strong enthusiasm to promote diversity among faculty, students, and communities.

If he would have chance to serve the BME Council of Chairs (CoC) with more duties, e.g., LPRC, he will make effort to further strengthen the CoC's activities and influence in executing CoC's strategic vision in biomedical engineering education, new research direction, policy, and DEI with achievable both short-term and long-term goals, particularly in the strategic areas of, 1) promoting biomedical research activities and funding through joint influence to public and government, 2) improving diversity and inclusion in BME faculty, students, and staffs, 3) enhancing communications among BME chairs through national and regional conferences, workshops, invited seminars, and social media, 4) enhancing undergraduate and graduate education through ABET activities and students' success, 5) promoting research collaborations among member universities.