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Bio:

Josh Hihath is a Professor in the School of Electrical, Computer, and Energy Engineering and Director for the Biodesign Institute Center for Bioelectronics and Biosensors at Arizona State University (ASU). He was previously a professor and Vice Chair for Undergraduate Studies in the Department of Electrical and Computer Engineering at the University of California, Davis. Prior to moving to UC Davis he was a research professor and lab manager at ASU. Dr. Hihath received a B.S. in Electrical Engineering from Kettering University in Flint, Michigan, and M.S. and Ph.D. degrees in Electrical Engineering from Arizona State University. Prof. Hihath is a Senior Member of the IEEE, was recently awarded the UC Davis Graduate Mentoring and Advising award and is an alum of the UC Davis Faculty Leadership Academy. Dr. Hihath's work is centered at the nexus of engineering, chemistry, biology, and physics, and focuses on understanding the electrical and mechanical properties of nanoscale and molecular systems for applications in electronics, sensing, and health-care. He has published over 60 papers in this area, with over 5000 citations.

Candidate Statement:

The International Society of Electrochemistry's Division 6 had developed a strong foundation within a core area of electrochemistry with great leadership. As chair-elect, I'd aim to continue to build on this foundation to expand the membership and activity of the division. Molecular electrochemistry is a rapidly expanding area with new horizons exploring the interactions of electron transfer and transport in molecular systems, electrically-driven synthesis, and the effects of oriented electric-fields on chemical reactions. My goal as part of the Division 6 leadership team will be to broaden the scope of the division to include new symposia in these emerging areas, and to create a more inclusive division, with diverse membership, ideas, and interests.