

*NSF NANOSCALE SCIENCE AND ENGINEERING GRANTEES CONFERENCE:
NANO AND AI CONVERGENCE
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**“Poster Session academic co-chair”
ERIC JOSEPHS, PHD**

SUNY Empire Innovation Associate Professor
(Nanotechnology/Nanomedicine)
Department of Biomedical Engineering;
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Bio: Dr. Josephs is an SUNY Empire Innovation Associate Professor (Nanotechnology/Nanomedicine) in the Department of Biomedical Engineering at Stony Brook University, the flagship of the State University of New York. Prior to joining Stony Brook University, he was a faculty member in the Department of Nanoscience at the University of North Carolina at Greensboro in the Joint School of Nanoscience and Nanoengineering (JSNN). He received his undergraduate degrees in Biomedical Engineering and Electrical Engineering from Duke University, and completed his doctorate at the University of California, Merced with the Interdisciplinary Graduate Program in Biological Engineering and Small-scale Technologies (BEST) in 2013. Awarded over \$2.7 million in funding for his research as PI and nearly \$5 million total when including participation as co-PI, Dr. Josephs covers a variety of topics in his studies. His research focuses include engineering molecular biotechnologies to make gene therapies safer, more effective, and more equitably available; understanding molecular mechanisms of genetic mutation and DNA repair; and synthetic biology.