

NSF NANOSCALE SCIENCE AND ENGINEERING GRANTEES CONFERENCE:

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Bio: Junhong Chen is currently Crown Family Professor of Pritzker School of Molecular Engineering at the University of Chicago and Lead Water Strategist & Senior Scientist at Argonne National Laboratory. He also serves as the Science Leader for Argonne's presence in the City of Chicago (Argonne in Chicago). Dr. Chen serves as a Co-PI and Use-inspired R&D Lead for the NSF Great Lakes Water Innovation Engine – Great Lakes ReNEW. Prior to coming to Chicago, Dr. Chen served as a program director for the Engineering Research Centers program of the US National Science Foundation (NSF) and the director of NSF Industry-University Cooperative Research Center (I/UCRC) on Water Equipment & Policy (WEP). He founded NanoAffix Science LLC to commercialize real-time water sensors based on 2D nanomaterials. Dr. Chen received his Ph.D. in mechanical engineering from University of Minnesota in 2002 and was a postdoctoral scholar in chemical engineering at California Institute of Technology from 2002 to 2003. His current research focuses on nanomaterial innovation for sustainable energy and environment. Dr. Chen has published 300 journal papers (3,500 citations, h-index 102) and has been listed as a highly cited researcher (top 1%) in materials science/cross-field by Clarivate Analytics. He is an elected fellow of Royal Society of Chemistry, National Academy of Inventors, and the American Society of Mechanical Engineers.