

The 20th U.S.–Korea Forum on Nanotechnology

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Prof. Alper Bozkurt currently serves as the McPherson Family Distinguished Professor in Engineering Entrepreneurship in the Department of Electrical and Computer Engineering at NC State University. He received a doctorate in electrical engineering from Cornell University and a master's degree in biomedical engineering from Drexel University. He is the founder and Director of the Integrated Bionic MicroSystems (iBionicS) Laboratory, the Co-Director of the National Science Foundation Nanosystems Engineering Research Center for Advanced Self-Powered Systems of Integrated Sensors and Technologies (ASSIST) and the co-founder and Co-Director of the Institute of Connected Sensor Systems (IconS) at NC State University. Bozkurt is a recipient of the Donald Kerr Award at Cornell University, the Chancellor's Innovation Award (three times), the Outstanding Global Engagement Award, and the William F. Lane Outstanding Teacher Award at NC State University, several IBM Faculty Awards, the Faculty Early Career Development (CAREER) Award from the National Science Foundation and the IEEE Sensors Council Young Professional Award in addition to being included in Popular Science Magazine's "Brilliant 10" list in 2015. Bozkurt's team has received best paper awards from the U.S. Government Microcircuit Applications & Critical Technology Conference, IEEE Sensors Conference, IEEE Body Sensor Network Conference, FLEX Conference, and ACM Animal-Computer Interaction Conference. The innovations resulting from his team's work have led to the spin-off of six companies from NC State.