

IEEE BIOMEDICAL ENGINEERING AWARD
RECIPIENTS

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| 2024 | JOHN A. ROGERS
Louis Simpson and Kimberly Querrey Professor of Materials Science and Engineering, Biomedical Engineering and Neurological Surgery (and by courtesy Electrical and Computer Engineering, Mechanical Engineering, Chemistry, and Dermatology), Northwestern University, Evanston, Illinois, USA | “For multi-disciplinary contributions in the life sciences, physical sciences, engineering, and medicine to enable the integration of biology and electronics.” |
| 2023 | NIRMALA (NIMMI) RAMANUJAM
Robert W. Carr, Jr., Distinguished Professor of Biomedical Engineering, Duke University, Durham, North Carolina, USA | “For more globally accessible technology for women's health related to cancer screening, diagnosis, and treatment.” |
| 2022 | RORY A. COOPER
FISA Foundation and Paralyzed Veterans of America Distinguished Professor and VA Sr. Career Research Scientist, University of Pittsburgh and US Department of Veterans Affairs, Pittsburgh, Pennsylvania, USA | “For extensive contributions to wheelchair technology that have expanded mobility and reduced secondary injuries for millions of people with disabilities.” |
| 2021 | KATHERINE WHITTAKER FERRARA
Professor, Stanford University, Palo Alto, California, USA | “For the integration of ultrasound and engineered vesicles in the diagnosis and treatment of cancer.” |
| 2020 | F. STUART FOSTER
Senior Scientist and Professor, Sunnybrook Research Institute and Department of Medical Biophysics, University of Toronto, Toronto, Ontario, | “For contributions to the field of high-resolution imaging.” |

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Canada

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| 2019 | MATTHEW O'DONNELL
Professor and Dean Emeritus,
Department of
Bioengineering, University of
Washington, Seattle,
Washington, USA | "For leadership in biomedical ultrasonics and
medical imaging technologies." |
| 2018 | MARK S. HUMAYUN
Professor, Department of
Biomedical Engineering and
Ophthalmology, University of
Southern California, Los
Angeles, California, USA | "For contributions to the bioelectronic retinal
implant." |
| 2017 | BIN HE
Distinguished McKnight
University Professor of
Biomedical Engineering,
University of Minnesota,
Minneapolis, Minnesota, USA | "For contributions to neuroengineering and
neuroimaging." |
| 2016 | K. KIRK SHUNG
Professor, University of
Southern California, Los
Angeles, California, USA | "For contributions to ultrasound imaging and
transducer technology." |
| 2015 | CHRISTOFER TOUMAZOU
Professor, Imperial College
London, London, United
Kingdom | "For outstanding contributions to biomedical
circuit technology." |
| 2014 | LIHONG WANG
Gene K. Beare Distinguished
Professor, Washington
University, St. Louis,
Missouri, USA | "For pioneering photoacoustic tomography." |
| 2013 | ROBERT PLONSEY
Pfizer Inc./Edmund T. Pratt
University Professor Emeritus
of Biomedical Engineering,
Duke University, Durham,
North Carolina, USA | "For developing quantitative methods to
characterize the electromagnetic fields in
excitable tissue, leading to a better
understanding of the electrophysiology of
nerve, muscle, and brain." |