

**IEEE BIOMEDICAL ENGINEERING AWARD**  
**RECIPIENTS**

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|------|---|--|
| 2022 | RORY A. COOPER<br>FISA Foundation and<br>Paralyzed Veterans of<br>America Distinguished<br>Professor and VA Sr. Career<br>Research Scientist, University<br>of Pittsburgh and US<br>Department of Veterans<br>Affairs, Pittsburgh,<br>Pennsylvania, USA | "For extensive contributions to wheelchair<br>technology that have expanded mobility and<br>reduced secondary injuries for millions of<br>people with disabilities." |
| 2021 | KATHERINE WHITTAKER<br>FERRARA<br>Professor, Stanford<br>University, Palo Alto,<br>California, USA  | "For the integration of ultrasound and<br>engineered vesicles in the diagnosis and<br>treatment of cancer."  |
| 2020 | F. STUART FOSTER<br>Senior Scientist and<br>Professor, Sunnybrook<br>Research Institute and<br>Department of Medical<br>Biophysics, University of<br>Toronto, Toronto, Ontario,<br>Canada   | "For contributions to the field of high-<br>resolution imaging."   |
| 2019 | MATTHEW O'DONNELL<br>Professor and Dean Emeritus,<br>Department of<br>Bioengineering, University of<br>Washington, Seattle,<br>Washington, USA  | "For leadership in biomedical ultrasonics and<br>medical imaging technologies."  |
| 2018 | MARK S. HUMAYUN<br>Professor, Department of<br>Biomedical Engineering and<br>Ophthalmology, University of<br>Southern California, Los<br>Angeles, California, USA   | "For contributions to the bioelectronic retinal<br>implant."   |
| 2017 | BIN HE<br>Distinguished McKnight<br>University Professor of<br>Biomedical Engineering,<br>University of Minnesota,<br>Minneapolis, Minnesota, USA   | "For contributions to neuroengineering and<br>neuroimaging."   |
| 2016 | K. KIRK SHUNG   | "For contributions to ultrasound imaging and   |

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|      | Professor, University of Southern California, Los Angeles, California, USA  | transducer technology.”   |
| 2015 | CHRISTOFER TOUMAZOU<br>Professor, Imperial College London, London, United Kingdom   | “For outstanding contributions to biomedical circuit technology.”   |
| 2014 | LIHONG WANG<br>Gene K. Beare Distinguished Professor, Washington University, St. Louis, Missouri, USA   | “For pioneering photoacoustic tomography.”  |
| 2013 | ROBERT PLONSEY<br>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.” |