

Mike McGehee is a Professor in the Chemical and Biological Engineering Department at the University of Colorado Boulder. He is also a Fellow of the Materials Science and Engineering Program and the Renewable Energy and Sustainability Institute. He was a professor in the Materials Science and Engineering Department at Stanford University for 18 years and a Senior Fellow of the Precourt Institute for Energy. His current research interests are developing new materials for smart windows and solar cells. He has previously done research on polymer lasers, light-emitting diodes and transistors as well as transparent electrodes made from carbon nanotubes and silver nanowires. His group makes materials and devices, performs a wide variety of characterization techniques, models devices and assesses long-term stability. Mike has taught courses on nanotechnology, nanocharacterization, organic semiconductors, polymer science and solar cells. He received his undergraduate degree in physics from Princeton University and his PhD degree in Materials Science from the University of California at Santa Barbara, where he did research on polymer lasers in the lab of Nobel Laureate Alan Heeger. He won the 2007 Materials Research Society Outstanding Young Investigator Award and is a Fellow of the Materials Research Society.

Mike was the Founder and Director of the Center for Advanced Molecular Photovoltaics, which linked six universities and 17 research groups, from 2008-2015. As the Director of CAMP he advised the King Abdullah University of Science and Technology when it was founded and helped build its center for solar cell research. Mike has been a scientific advisor to Nanosolar, Unidyme, PLANT PV, Plextronics, NextEnergy and Sinovia. He was the Cofounder of the Stanford Center for Professional Development's Energy Innovation and Emerging Technologies Online Certificate Program, which has been completed by over 1000 students.