Saniya LeBlanc is an assistant professor in the Department of Mechanical & Aerospace Engineering at The George Washington University. Her research goals are to develop energy conversion technologies with advanced materials and manufacturing techniques and create techno-economic models for emerging energy technologies. She leads the NSF-funded project “An Interdisciplinary Practicum Approach to Nanotechnology Curricula Integration.” Prior to joining GWU, Dr. LeBlanc was a research scientist at Alphabet Energy, a startup company, where she created research, development, and manufacturing characterization solutions for thermoelectric technologies and evaluated the potential of new power generation materials. With a strong commitment to educational equity, she served in Teach For America as a high school math and physics teacher in Washington, D.C., and she continues to engage in educational outreach with the Washington, D.C. metro area schools. Dr. LeBlanc obtained a PhD in mechanical engineering with a specialization in materials science at Stanford University. She has an MPhil in engineering from University of Cambridge and a BS from Georgia Institute of Technology.