Susan Daniel is the Fred H. Rhodes Endowed Professor of Chemical Engineering and the William C. Hooey Director of the Robert Frederick Smith School of Chemical and Biomolecular Engineering at Cornell University. She leads a research group focused on understanding cell membrane functions and the biological processes that happen within them. Her group pioneered using "cell-free" biomembrane platforms for re-creating cellular processes on-chip and conducting biophysical studies of mammalian, bacterial, and plant cell membranes. Much of the work they do has impact in human health or advancing biotechnologies for the good of humankind. Her team is most well known for their work in understanding virus entry and infection, particularly the protein fusion machinery of coronavirus. Susan's research has garnered many scientific recognitions. She is the recipient of a National Science Foundation CAREER award (2011), the Schwartz Life Sciences award (2016), the College of Engineering's Research Excellence Award at Cornell University (2017), and she is an elected fellow of the American Association for the Advancement of Science, AAAS (2020) and American Institute for Medical and Biological Engineering, AIMBE (2023). Susan was elected as the co-chair of the 2022 Gordon Research Conference in Bioanalytical Sensors. Susan's research has been published in *Science*, the *Proceedings of the National Academies of Science*, and *Nature Communications*.

Susan holds a BS, MS, and PhD from Lehigh University in Bethlehem, Pennsylvania, and she conducted her postdoctoral work at Texas A&M University in the Department of Chemistry.