



Tse Nga Ng is a Professor in the Electrical and Computer Engineering Department and affiliated with the Materials Science Program at the University of California San Diego (UCSD). She received her B.S. in chemistry from Knox College and M.S. and Ph.D. degree in physical chemistry from Cornell University. She started her career at Xerox Palo Alto Research Center, prior to joining UCSD in 2016. Her research group studies methodologies to fabricate thin-film devices for human-computer interfaces, to seamlessly integrate sensor or actuator electronics onto any surfaces towards the vision of ubiquitous computing. Her research in device physics has demonstrated the potentials of scalable, solution-processed organic semiconductors to advance optical and mechanical sensing and electrochemical energy storage devices. She has authored 70+ peer-reviewed papers and is an inventor on more than 39 patents in the area of materials and processes for flexible printed electronics.

Dr. Ng is a Fellow of the National Academy of Inventors and a recipient of the National Science Foundation Mid-Career Advancement Award in 2021. She is named 2017 Hartwell Investigator for a smart glove sensor system to evaluate motor disorders and has been awarded second place in the 2017 Bell Lab Prize Competition for her work in organic shortwave infrared detection. She is currently an Associate Editor for the journals *Flexible Printed Electronics* and *IEEE Journal on Flexible Electronics* and serving on the editorial board of *ACS Applied Electronic Materials*.