

Bio

Dr. Jennifer Weiser is a Professor of Chemical Engineering at the Cooper Union for the Advancement of Science and Art in New York City. Her research focuses on drug delivery, wound healing, and developing polymeric biomaterials for medical applications. Professor Weiser earned degrees in Chemical Engineering (B.S. 2006, Rensselaer Polytechnic Institute) and Biomedical Engineering (M.S. 2010, Ph.D. 2012, Cornell University). In the industrial setting, she has experience working as an exploratory medicinal chemist at Wyeth Pharmaceuticals and as a research associate at the startup iFyber funded through a National Institutes of Health (NIH) STTR grant. Additionally, she has training through a NIH Ruth L. Kirschstein NRSA postdoctoral fellowship in Biomedical Engineering (2014-2017, Yale University). This postdoctoral fellowship work led to her appointment as a Visiting Assistant Professor in the Department of Surgery at the Yale School of Medicine (2017-2018). She held the title of Visiting Assistant Professor of Clinical Medical Sciences (2018-2019) at the Columbia University Medical Center at Columbia University. Recently, Dr. Weiser was awarded a Fulbright Scholarship as the 2024-2025 Fulbright-Graz University of Technology Visiting Professorship and named the Distinguished Professor of Bioengineering at the Cooper Union (2025-2028).

Since joining The Cooper Union in 2017, Dr. Weiser has engaged in numerous research and educational collaborations, including with the Icahn School of Medicine at Mount Sinai, Montefiore Einstein, Columbia University, the University of Wisconsin, Rowan University, the AO Research Institute, ETH Zurich, Riga Technical University, and Consiglio Nazionale delle Ricerche.