



Norman J. Wagner is the Robert L. Pigford Chair of Chemical Engineering at the University of Delaware. He served as Chair of the Department from 2007-2012, and is the director of the *Center for Neutron Science* (www.cns.che.udel.edu). He was elected to the *National Academy of Engineering* in 2015. He leads an active research group with focus on the rheology of complex fluids, neutron scattering, colloid and polymer science, applied statistical mechanics, nanotechnology and particle technology. His research areas include the effects of applied flow on the microstructure and material properties of colloidal suspensions, polymers, self-assembled surfactant solutions, and complex fluids in general. Prof. He earned his Bachelors degree from Carnegie Mellon and Doctorate from Princeton University, was an NSF/NATO Postdoctoral Fellow in Germany, and a Director's Postdoctoral Fellow at Los Alamos National Lab prior to joining the University of Delaware in 1991. He was named a Senior Fulbright Scholar (Konstanz, Germany) and served as a guest Professor at the ETH, Zurich (1997) and the University of Rome (2004). His recent awards include election as Fellow of the AAAS (2015), the Bingham Medal of the Society of Rheology (2014), election as Fellow of the Neutron Scattering Society of America (2014), and the AIChE PTF Thomas Baron Award (2013). He was awarded the Siple Award in 2002 by the US Army for his development of shear thickening fluids for novel energy absorbing materials. Prof. Wagner has authored or coauthored over 200 scientific publications and patents, serves on the executive committees of the Society of Rheology and the Neutron Scattering Society of America, as well as on the editorial boards of six international journals. He has co-authored a textbook (2008) on [Mass and Heat Transfer](#) for the Chemical Engineering series of Cambridge University Press, as well as [Colloidal Suspension Rheology](#) (2011), also Cambridge University Press. Patented and commercially developed scientific instruments include rheo-optic instruments (TA Instruments) as well as novel rheo-SANS instruments for investigating nanoscale and microscale structure in flowing systems currently available at the NIST Center for Neutron Research and the Institute Laue Langevin D22, Grenoble, France. More about Professor Wagner and his research can be found at www.cbe.udel.edu/wagner.