



Norman J. Wagner is the Alvin B. and Julia O. Stiles Professor in the Department of Chemical & Biomolecular Engineering at the University of Delaware. He served as Chair of the Department from 2007-2012, and also the director of the *Center for Neutron Science* (www.cns.che.udel.edu). He leads an active research group in the fields of rheology, complex fluids, polymers, applied statistical mechanics, nanotechnology and particle technology. His research focus areas include the effects of applied flow on the microstructure and material properties of colloidal suspensions, polymers, self-assembled surfactant solutions, and combinations thereof. 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). He was awarded the Siple Award in 2002 by the US Army for his development of shear thickening fluids for novel energy absorbing materials. This collaborative research with the Army Research Lab is a major research and development effort toward creating novel, protective materials (www.ccm.udel.edu/STF/). Prof. Wagner has authored or coauthored over 180 scientific publications and patents and is on the editorial boards of five 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. He has developed commercial rheo-optic instruments as well as novel rheo-SANS instruments for investigating nanoscale and microscale structure in flowing systems. More about Professor Wagner and his research can be found at www.che.udel.edu/wagner.