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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 awards include the Bingham Medal of the Society of Rheology (2014) and the AIChE PTF Thomas Baron Award (2013). He is a fellow of the Neutron Scattering Society of America. He was awarded the Siple Award in 2002 by the US Army for his development of shear thickening fluids for novel energy absorbing materials (www.ccm.udel.edu/STF/). Prof. Wagner has authored or coauthored over 200 scientific publications and patents and has served 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. 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.cbe.udel.edu/wagner.