

Dr. Roger T. Bonnecaze

Dr. Roger T. Bonnecaze is the William and Bettye Nowlin Chair of Engineering in the McKetta Department of Chemical Engineering and the co-Director of the NSF Engineering Research Center for Nanomanufacturing Systems for Mobile Computing and Energy Technologies (NASCENT) at The University of Texas at Austin. He received his B.S. ('85) from Cornell University and his M.S. ('87) and Ph.D. ('91) from the California Institute of Technology, all in chemical engineering. Between his M.S. and Ph.D., Dr. Bonnecaze was a project manager for Hydro Research Science working on environmental fluid mechanics and designing and testing hydraulic structures. After his doctorate, Dr. Bonnecaze was a BP Post-Doctoral Fellow at the Department of Applied Mathematics and Theoretical Physics. He joined the faculty at The University of Texas in 1993. Dr. Bonnecaze's research interests include nanomanufacturing modeling and simulation and the rheology of complex fluids. He has won numerous awards, including the NSF Young Investigator Award, David and Lucile Packard Foundation Fellowship, the AIChE Thomas Baron Award, two Journal of Rheology Publication Awards and several teaching awards. Dr. Bonnecaze is a Fellow of the American Physical Society, the American Institute of Chemical Engineers and the American Association for the Advancement of Science.