ANNOUNCEMENT

CEE *Welcomes Joseph H. Holles and Carlos Rinaldi*

Joseph H. Holles, assistant editor

Joseph H. Holles is an associate professor in the Department of Chemical Engineering at the University of Wyoming. Joe has authored/co-authored 28 archival journal publications, 12 conference proceedings, and three patent applications. He has been part of more than 70 conference proceedings and has been PI or co-PI on 22 competitively funded projects totaling more than $4.2 million.

Joe has provided service to his profession in many ways for AIChE, ASEE, and the North American Catalysis Society. For AIChE, he has chaired numerous national conference sessions and served as division director for the Catalysis and Reaction Engineering Division. For ASEE, he has served as session chair at national meetings and reviewed numerous conference abstracts and conference proceeding manuscripts for multiple divisions. He is also the treasurer for the Rocky Mountain Catalysis Society and recently served as secretary and member of the Organizing Committee for the 25th North American Catalysis Society meeting in Denver, CO.

Joe has received awards for his teaching including the University of Wyoming Mortar Board Cap and Gown Chapter Top Prof Award (2017) and the University of Wyoming Tau Beta Pi Outstanding Undergraduate Teaching Award for 2018.

Joe graduated from Iowa State University in 1990 with a B.S. in Chemical Engineering. Following this, he spent six years as an officer in the US Navy at the Headquarters, Naval Nuclear Propulsion Program. Subsequently, he returned to school and received an M.E. in 1998 and a Ph.D. in 2000, both in chemical engineering, from the University of Virginia. From 2000 to 2002, he completed a post-doctoral scholar appointment at CalTech. He was previously on the faculty at Michigan Technological University from 2002 – 2010. His research interests are nanoscale materials design and synthesis for heterogeneous catalytic applications.

Carlos Rinaldi, access editor

Carlos Rinaldi is a professor and chair in the Department of Chemical Engineering at the University of Florida and professor in the J. Crayton Pruitt Family Department of Biomedical Engineering. He received his bachelor degree in chemical engineering at the University of Puerto Rico, Mayagüez, and completed degrees in Master of Science in Chemical Engineering, Master of Science in Chemical Engineering Practice, and Doctor of Philosophy in Chemical Engineering at the Massachusetts Institute of Technology.

Prior to the University of Florida, he was an assistant station director of the MIT David H. Koch School of Chemical Engineering Practice and a professor in the Department of Chemical Engineering at the University of Puerto Rico, Mayagüez. He was associate dean for Engineering Research at the University of Puerto Rico, Mayagüez, and senior associate chair in the J. Crayton Pruitt Family Department of Biomedical Engineering at the University of Florida.

His research interests are in biomedical applications of magnetic nanoparticles, including applications where the particles respond to magnetic fields by rotating, exerting forces/torques on biological structures, or dissipating the energy of the magnetic field in the form of heat. Prof. Rinaldi is also interested in the fundamental fluid physics of magnetic nanoparticle suspensions, commonly referred to as ferrofluids, and of magnetic soft matter. Work in his laboratory spans theory and simulation to study magnetic nanoparticle response to time varying magnetic fields; nanoparticle synthesis and modification; characterization of nanoparticle physical, chemical, and magnetic properties; and testing the interactions of magnetic nanoparticles with cells and tissues. He received the Presidential Early Career Award for Scientists and Engineers (PECASE) in recognition of his contributions to magnetic nanoparticle research and to broadening participation of under-represented groups in engineering.