

**Sung Hoon Kang**Guest Editor for this issue of *MRS Bulletin*

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and Seoul National University, respectively. Kang's interests include studying complex behaviors of material systems and structures with novel properties based on inspiration from nature, as well as rational design followed by advanced fabrication approaches.

**Michael D. Dickey**Guest Editor for this issue of *MRS Bulletin*

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Dickey is a professor at North Carolina State University. He earned a PhD degree in chemical engineering at The University of Texas in the group of Grant Willson and a BS degree from the Georgia Institute of Technology. He was a postdoctoral fellow at Harvard University in the group of George Whitesides. Dickey has experi-

ence with a variety of unconventional fabrication techniques, and his group is currently studying new ways to actuate and pattern soft materials.

**Wubin Bai**

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Bai is currently pursuing a PhD degree in Caroline Ross's group at the Massachusetts Institute of Technology. He earned his bachelor's degree in physics at the University of Science and Technology of China in 2011. His research focuses on block copolymer self-assembly, nanostructure fabrication, and thin films.

**Steven Barcelo**

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Barcelo is a research engineer in the Systems Research Lab at Hewlett Packard Laboratories. He received his PhD degree in mechanical engineering from the University of California, Berkeley in 2009 for his work on characterization of nanostructured hydrogen storage materials. Barcelo's research interests include nanofabrication of plasmonic and electronic devices for application in a range of fields, including next-generation computing, chemical sensors, and color-reflective displays.

**José Bico**

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Bico has been an associate professor at the École Supérieure de Physique et de Chimie Industrielles de la Ville de Paris (ESPCI) since 2003. He is also an alumnus of ESPCI, received his PhD degree in physical chemistry from the Université Pierre et Marie Curie in 2000, and was a postdoctoral fellow at the Massachusetts

Institute of Technology's Department of Mechanical Engineering. Bico's current research includes the mechanics of slender structures (buckling, rupture, and interaction with capillary forces).

**In-Suk Choi**

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**David Gracias**

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Gracias is a professor and Russell Croft Faculty Scholar at Johns Hopkins University, with a primary appointment in the Department of Chemical and Biomolecular Engineering. He was educated at the Indian Institute of Technology, earned his PhD in 1999 at the University of California, Berkeley, and pursued his postdoc-

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**Yonggang Huang**

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Huang is the Walter P. Murphy Professor of Mechanical Engineering and Civil and Environmental Engineering at Northwestern University. He is interested in establishing the mechanics models for advanced technology. He has published one book and more than 500 journal papers and book chapters. His recent awards include the Larson Award, Melville Medal, and

Drucker Medal, all from The American Society of Mechanical Engineers. Huang was named an ISI Highly Cited Researcher in Materials Science in 2014.



Randall D. Kamien

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Rogers holds the Swanlund Chair at the University of Illinois at Urbana-Champaign. He earned BA and BS degrees in chemistry and physics from The University of Texas at Austin, earned his PhD degree from the Massachusetts Institute of Technology in 1995, and pursued his

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Caroline Ross

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Ross is a professor at the Massachusetts Institute of Technology. She has a bachelor's degree and a PhD degree from the University of Cambridge and served as a postdoctoral fellow at Harvard University. She is a Fellow of MRS, the APS, the UK Institute of Physics, and the IEEE. She was the chair of the 2011 Magnetism and Magnetic Materials Conference, and co-chaired

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Oliver G. Schmidt

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Schmidt is the Director of the Institute for Integrative Nanosciences at IFW Dresden and is a full professor at the Chemnitz University of Technology. He studied at the Technical University of Berlin and the Max Planck Institute for Solid

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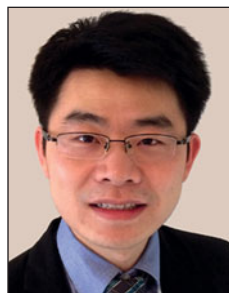


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Tawfik is an assistant professor of mechanical science and engineering at the University of Illinois at Urbana-Champaign. He obtained his PhD degree from the University of Michigan and was a postdoctoral associate in the Laboratory for Manufacturing and Productivity at the Massachusetts Institute of Technology. His current research focuses on synthesis, forming,

and assembly of filamentary materials and surface textures. Tawfik's awards include the Robert M. Caddell Memorial Award, the Azarkhin Award, and the Ivor K. McIvor Award in applied mechanics.



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Wang is an assistant professor of civil and environmental engineering at the University of Southern California. His research interests include mechanical instabilities of materials and structures, multiphysical coupling of active materials, and additive manufacturing. He obtained a BS degree from Fudan University in 2010, a PhD degree from Duke University in 2014, and spent

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Yang is a professor in the Departments of Materials Science and Engineering, and Chemical and Biomolecular Engineering at the University of Pennsylvania. Her research includes synthesis, fabrication, and assembly of soft materials. Yang received her BS degree from Fudan University, China, in 1992, and a PhD degree in chemistry and chemical biology while research-

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Zhao is an associate professor of mechanical engineering at the Massachusetts Institute of Technology. He received a BE degree in electrical engineering from Tianjin University in 2003, a MS degree in materials engineering from The University of British Columbia in 2006, and a PhD degree in mechanical engineering from

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