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Vogel is a professor of materials science and engineering and an adjunct professor of electrical and computer engineering at the Georgia Institute of Technology (GIT). He received his BS degree in electrical engineering in 1994 from The Pennsylvania State University and his PhD degree in electrical engineering in 1998 from North Carolina State University. He was the leader of the CMOS and Novel Devices Group and

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Robinson joined Penn State's Materials Science and Engineering Department as an assistant professor in 2012, co-founding the country's first research center focused on 2D materials beyond graphene (Center for Two Dimensional and Layered Materials) with Mauricio Terrones and receiving multiple awards/fellowships for his work. He obtained his PhD degree from The

Pennsylvania State University (Penn State) in materials science and engineering in 2005. He then joined the US Naval Research Laboratory in Washington, DC, as a National Research Council Postdoctorate Fellow researching the use of carbon nanotubes for chemical sensors. In 2007, Robinson rejoined Penn State as a research faculty member, where he initiated a graphene and epitaxial graphene research effort. He is now pioneering the science and engineering of exotic 2D materials with a specific focus on understanding nanoscale properties and their impact on electronic, optical, chemical, and structural performance.

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Cao is an assistant professor in the Department of Materials Science and Engineering at North Carolina State University (NCSU). He received his PhD degree in materials science from Stanford University in 2010 and held a Miller Research Fellowship at the University of California–Berkeley, prior to joining the faculty of NCSU in July 2011. His research interests include the

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Chhowalla is a professor and the associate chair of the Materials Science and Engineering Department at Rutgers University. He received his PhD degree in electrical engineering from the University of Cambridge, United Kingdom. He is a Fellow of the Royal Society of Chemistry and was a Royal Academy of Engineering Postdoctoral Fellow at the University of Cambridge. Chhowalla

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Kis has been an associate professor of electrical engineering at École Polytechnique Fédérale de Lausanne (EPFL) since 2015. He graduated from the University of Zagreb, Croatia, in 1999 with an MSc degree in physics, and he obtained his PhD degree in physics from EPFL in 2003. After working as a postdoctoral researcher at the University of California–Berkeley, Kis became an assistant professor of electrical engineering

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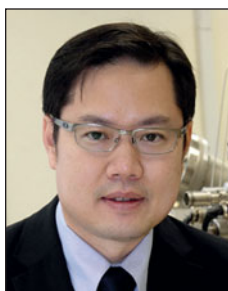


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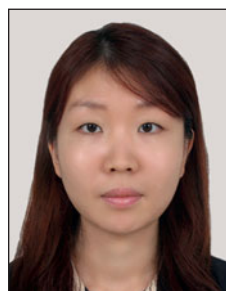
POSTECH, he joined UNIST in 2008. His current research is focused on two-dimensional materials, including graphene, h-BN, transition-metal dichalcogenides, and their heterostructures and applications for electrocatalysts and optoelectronic devices.



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Yang is a postdoctoral researcher at Rutgers University working on the synthesis of transition-metal dichalcogenide materials and their hybrids. Yang received her BS degree in chemistry at Kyung Hee University, South Korea, in 2009, and her PhD degree from the Department of Energy Engineering, Ulsan National Institute of Science and Technology, South Korea.



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Zhang received his PhD from Peking University in 1998. After he finished postdoctoral research at Katholieke Universiteit Leuven, Belgium, and Northwestern University, USA, and worked at NanoInk Inc., USA, and the Institute of Bio-engineering and Nanotechnology, Singapore, he joined Nanyang Technological University in 2006. His current research interests focus on

synthesis and applications of two-dimensional nanomaterials. He has published 55 patent applications and over 320 papers with citations over 17,700 and an H-index of 65. He was selected by Thomson Reuters as one of the "Highly Cited Researchers 2014" and was named one of the 17 "Hottest Researchers of Today" in Thomson Reuters' "The World's Most Influential Scientific Minds 2014." In 2014, he was elected as Fellow of the Royal Society of Chemistry.



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