



# NANO KOREA 2024

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Dr. Young-Seok Shon is a professor of chemistry and lead principal investigator of the Keck Energy Materials Program at CSULB. He received his B.Sc. and M.Sc. in chemistry from Sogang University in South Korea. He carried out doctoral research with Dr. T. R. Lee at the University of Houston, United States, where he received his PhD in Chemistry in 1999. Between 1999 and 2001 he held his postdoctoral position at the University of North Carolina at Chapel Hill (with Dr. R. W. Murray). He began his academic career at Western Kentucky University (2001–2006), before continuing at CSULB. He got several federal-funded research grants from NIH (2011 and 2016), NSF (2020), and DOE (2023), private foundation grants from W. M. Keck Foundation (2015), Research Corporation (Cottrell College Science Award; 2003), and ACS-PRF (2009), and Faculty Awards from WKU (2005) and CSULB (2013, 2018, 2022, 2023). His current main research interests are i) the study and application of colloidal metal nanoparticles and lipid-nanoparticle assemblies funded by the National Science Foundation and ii) photosynthetic nanoreactors funded by the Department of Energy. He currently serves as a member of the Editorial Advisory Boards of *ACS Applied Nano Materials* and *Nanomaterials*.