

## **Birgit Schwenzer**

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Birgit Schwenzer is a Program Director for the Solid State and Materials Chemistry (SSMC) program in the Division of Materials Research at the National Science Foundation (NSF). She is also the representative for NSF's Directorate for Mathematical and Physical Sciences on the U.S. National Science and Technology Council's subcommittee on Nanoscale Science, Engineering and Technology (NSET). Prior to joining NSF in 2016, Dr. Schwenzer was a staff scientist at the Pacific Northwest National Laboratory. Her research background includes synthesis and characterization of inorganic structures, composite materials and organometallic compounds predominantly for optoelectronic, energy conversion and storage or catalytic applications. She has extensive experience in structure-property relationship investigations for inorganic nano- and microstructures with a focus on vibrational and optical spectroscopy as characterization tools. In addition to scientific publications and authoring a book chapter titled "Energy Conversion and Storage" in *Bioinspired Inorganic Materials: Structure and Function*, (ed. S. R. Hall, The Royal Society of Chemistry, 2019), Dr. Schwenzer holds five U.S. or international patents, was a co-recipient of an R&D 100 Award ("Graphene Nanostructures for Lithium Batteries") in 2012, and she received a NSF Director's Award for Superior Accomplishment in 2024.