

## Evelyn Ning-Yi Wang

Director, Advanced Research Projects Agency-Energy (ARPA-E), U.S. Department of Energy

### Nationality

United States of America

### Career History

Dr. Evelyn N. Wang currently serves as the Director of the U.S. Department of Energy Advanced Research Projects Agency-Energy (ARPA-E), where she leads the Agency's development, launch, and execution of high-risk, high-reward energy research and development programs. Prior to joining ARPA-E, Dr. Wang served as the Ford Professor of Engineering and Head of the Department of Mechanical Engineering at Massachusetts Institute of Technology (MIT). During her time at MIT, she focused on thermal management, thermal energy conversion and storage, and water harvesting and purification. Dr. Wang holds a Ph.D. in Mechanical Engineering from Stanford University. She also received an M.S. in Mechanical Engineering from Stanford University and a B.S. in Mechanical Engineering from MIT.

### Awards / Publications

Dr. Wang is a recipient of numerous awards in her career, including the 2012 ASME Bergles-Rohsenow Young Investigator Award in Heat Transfer, 2017 ASME Gustus L. Larson Memorial Award, 2017 Foreign Policy's Global ReThinker, the 8th Prince Sultan bin Abdulaziz International Prize for Water, and the 2020 ASME ICNMM Prominent Researcher Award. She is a Fellow of the American Society of Mechanical Engineers, American Association for the Advancement of Science, and the American Academy of Arts and Sciences. She has published over 200 archival journal papers in prestigious journals including Science, Nature, Nature Materials, Nature Nanotechnology, Nature Communications, Nature Energy, Joule, Nano Letters, and ACS Nano.

## Areas of expertise

Thermal energy conversion, storage, and management, water desalination and harvesting, and liquid-vapor phase change.