

Wei-Ning Wang, Ph.D.

Assistant Professor, Department of Mechanical and Nuclear Engineering at VCU College of Engineering
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Chemical engineer & Materials scientist, Specializing in aerosol science and technology

Description

Wei-Ning (Weining) Wang, Ph.D. obtained his bachelor's degree in Polymer Science and Engineering and master's degree in Materials Science and Engineering from Nanjing University of Technology* (NanjingTech) in 1999 and 2002, respectively. He received numerous awards and merit-based scholarships during his study at NanjingTech, including the Graduation with Honors Award in 1999, which was only awarded to Top 3% students.

After graduation, he moved to Hiroshima University, Japan, to pursue a doctoral degree in the area of nanoscience and nanotechnology, under the guidance of Prof. Kikuo Okuyama, a world-famous scientist in the fields of nanomaterials as well as aerosol science and technology (the ONLY Asian who received the Fuchs Memorial Award, the highest award in the field of Aerosol Science and Technology). He was conferred a doctoral degree in Chemistry and Chemical Engineering in 2006. Dr. Wang was then selected as a prestigious Japan Society for the Promotion of Science (JSPS) postdoctoral fellow (April 2006 to September 2007). He became Research Associate in the Department of Chemical Engineering at Hiroshima University since October 2007. He was a postdoctoral research associate in Aerosol and Air Quality Research Laboratory (AAQRL) with Prof. Pratim Biswas from May 2009 to December 2012. Since January 2013, he became Research Assistant Professor in the Department of Energy, Environmental and Chemical Engineering at Washington University in St. Louis, and the Lab Manager of Nano Research Facility (NRF), one of the 14 nodal facility of National Nanotechnology Infrastructure Network (NNIN) supported by National Science Foundation (NSF). He is currently Assistant Professor in the Department of Mechanical and Nuclear Engineering at Virginia Commonwealth University (VCU).

Industry Expertise

Chemicals, Education/Learning, Research

Topics

Nanotechnology, Materials Science and Engineering, Aerosol science and technology, Chemistry and Chemical Engineering, Heterogeneous Catalysis

Affiliations

Senior Member, American Institute of Chemical Engineers (AIChE), Member, American Association for Aerosol Research (AAAR), Member, American Chemical Society (ACS), Member, Association of Environmental Engineering & Science Professors

Education

Hiroshima University

Ph.D. Chemistry and Chemical Engineering

Nanjing University of Technology

M.E. Materials Science & Engineering

Nanjing University of Chemical Technology

B.E. Polymer Science and Engineering

Accomplishments

Postdoctoral Fellowship for Foreign Researchers

Japan Society for the Promotion of Science (JSPS)

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