

Daren Chen, Ph.D.

Floyd D Gottwald Sr. Chair Professor, Mechanical and Nuclear Engineering at VCU College of Engineering

Richmond, VA, US

Professor D. Chen researches particle science and technology with emphasis on aerosol particles.

Industry Expertise

Research, Education/Learning

Areas of Expertise

Particle instrumentation and characterization , Nanoparticles and nanotechnology, Particle processing (i.g. classification charging dispersion...), Drug target delivery and release control, Air pollution and indoor air quality control, Synthesis of functional particle materials, Multiphase chemical reacting flow and reactors, Powder and spray technology, Filtration and separation, Micro-contamination control in semiconductor manufacture processes, Atmospheric aerosol

Education

University of Minnesota
Ph.D.

University of Minnesota
M.S.

National Tsing Hua University
M.S.

National Tsing Hua University
B.S.

Accomplishments

Benjamin Y. H. Liu Award
Presented by the American Association for Aerosol Research (2012).

Space Act Award
Awarded by NASA.

R&D 100 Award
Awarded by R&D Magazine.

Sheldon K. Friedlander Award

The Sheldon K. Friedlander Award recognizes an outstanding dissertation by an individual who has earned a doctoral degree.

Smoluchowski Award

Presented by GaeF (2002) for significant contribution on nanoparticle instrumentation

Kenneth T. Whitby Award

Presented by AAAR (2005) in recognition of outstanding contributions to Aerosol Science and Technology

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