

# **Mo Jiang, Ph.D.**

**Assistant Professor, Department of Chemical and Life Science Engineering at Virginia Commonwealth University**

Richmond, VA, US

Advance crystallization and material manufacturing for health and energy applications

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## **Biography**

Mo Jiang has been at VCU since 2018. His main research interests include to advance scalable sustainable production of emerging materials with precise control for health and energy applications, and to understand the links among the synthesis process, particle property distribution, and product quality. Current projects include energy-efficient scalable manufacturing of essential (bio)pharmaceutical ingredients and active cathode materials for Li-ion batteries using slug flow.

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## **Industry Expertise**

Chemicals, Energy, Pharmaceuticals, Manufacturing

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## **Areas of Expertise**

Advanced Manufacturing and Materials Engineering, Reactive crystallization, Process crystallization, Multiphase slug flow, Reaction Engineering, Separations, (Bio)Pharmaceuticals, Battery materials, Process design and control

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## **Affiliations**

American Institute of Chemical Engineers - Senior Member

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## **Education**

**Massachusetts Institute of Technology**

Ph.D. Chemical Engineering

**University of Illinois at Urbana-Champaign**

M.S. Chemical Engineering

**Tsinghua University**

B.S. Biology

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