

Shu Wang

PATENT AGENT

Patents and
Innovations
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FOCUS AREAS

Biotech
Clean Energy
Intellectual Property
Patents and Innovations

EXPERIENCE

Shu Wang is a patent agent in the New York office of Wilson Sonsini Goodrich & Rosati, where she is a member of the patents and innovations practice. Her areas of technical expertise include chemistry, materials, polymer science, nanotechnology, energy, catalysts, and related technologies.

Prior to joining the firm, Shu was a licensing manager at Rutgers University where she worked on technology assessment, marketing, and licensing. Before that, she was a material scientist at Bridgestone Americas. During her doctoral and post-doctoral studies, her research focused on polymer synthesis, characterization, and applications. She has co-authored multiple scientific publications and is a co-inventor on several patents and patent applications.

CREDENTIALS

Education

- Ph.D., Chemical Engineering, University of Houston
- M.S., Environmental Science & Engineering, Tsinghua University
- B.S., Environmental Engineering, Tsinghua University

Admissions

- U.S. Patent and Trademark Office

TECHNICAL FLUENCY

Diagnostics and Medical Devices

- Biosensors
- Wearable analyte sensors

Chemistry and Material Science

- Catalysis
- Green chemistry
- Materials chemistry
- Photovoltaic materials
- Polymers

Engineering and Technology

- 3D bioprinting
- Materials science
- Mechanical engineering

- Microfluidics

Genomics and Data Analysis

- Sequencing