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## Jessica Schulze

Patent Agent

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Dr. Jessica Schulze is a registered patent agent with a Ph.D. in computational chemistry from Penn State University. Dr. Schulze's past research includes developing and utilizing computer methods in quantum mechanics and molecular dynamics to investigate iron-hydride complexes, poly(vinyl) alcohol hydrogels for neuron transplants, amino acids embedded in ice grains for space exploration, and cryo-EM structural biology experimental parameters. From her various collaborations with university professors and scientists and her academic career, Dr. Schulze has experience in chemistry, mathematics, computer programming, super-computing, biology, materials science, and mechanical engineering. She now aims to leverage her academic training and expertise to ensure clients' intellectual property is properly protected by prosecuting patents.

### Education

Ph.D., Chemistry, Pennsylvania State University

B.S., Chemistry and Mathematics,  
University of Utah

### Admissions

Registered Patent Agent, U.S. Patent and Trademark Office