

Lindsey Welch

Assistant Professor, Department of Chemical and Physical Sciences at Cedar Crest College
Allentown, PA, US

Professor Lindsey Welch is an Assistant Professor in the Department of Chemical and Physical Sciences.

Description

Lindsey Welch completed her doctoral research in physical-inorganic chemistry in the area of surface science. By using ultra-high vacuum conditions ($\approx 10^{-9}$ Torr), she studied the interactions of gas phase molecules on platinum and tin-platinum alloy surfaces. This fundamental surface chemistry determined the activation barriers for the desorption and reaction of nitrogen-containing cyclic molecules.

Industry Expertise

Education/Learning, Research

Topics

Physical-Inorganic Chemistry, Surface Science, Inorganic Chemistry, Physical Chemistry

Affiliations

American Chemical Society : Member, Catalysis Society of Metropolitan New York : Member, American Vacuum Society : Member, Sigma Xi Scientific Research Society : Member

Education

Lehigh University
Ph.D. Chemistry

Lycoming College
B.S. Chemistry

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