

# **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

---

[Please click here to view the full profile.](#)

This profile was created by [Expertfile.](#)