

# Curriculum Vitae

## PERSONAL

Name: Mark D. Smith, Ph.D.  
Current Academic Rank: Staff Crystallographer  
Primary Department: Chemistry and Biochemistry  
Citizenship: USA

## EDUCATION

B.S., 1991 (Chemistry). The Ohio State University, Columbus, OH, USA.  
Ph.D., 1998 (Inorganic chemistry). Iowa State University, Ames, IA, USA.  
Post-Doctoral Research, 1998-2000 University of South Carolina, Columbia, SC, USA.

## EXPERIENCE

Director & Crystallographer, Small Molecule X-Ray Crystallography Lab, University of South Carolina, 2000 – present.

Post-Doctoral Research Fellow, University of South Carolina, 1998-2000.  
Post-Doctoral Advisor: Prof. Hans-Conrad zur Loye.

Research Assistant, Iowa State University, 1991-1998  
Research Advisor: Prof. Gordon J. Miller

Research intern, Dow Chemical Co., Midland, MI, July 1991 – October 1991.

## MEMBERSHIPS

American Chemical Society  
American Crystallographic Association

## PROFESSIONAL ACTIVITIES

Reviewer for scientific journals: Journal of the American Chemical Society, Inorganic Chemistry, Journal of Organometallic Chemistry, Journal of Solid State Chemistry, Acta Crystallographic Section C, Journal of Cluster Science, Chemistry of Materials, Journal of Chemical Crystallography

## AWARDS, INVITED LECTURES

- USC Columbia Staff Excellent Award, “Excellence in Student Experience”, 2025.
- Exceptional Research Service Award, Office of Vice-President for Research, University of

South Carolina, 2022

- “Small Molecule Crystallography at USC” Roche Carolina, Inc., November, 2005.
- “The Significance of Single-crystal Analysis in Modern Chemistry” Sun Yat Sen University, Guangzhou, China, and Lanzhou University, Lanzhou, China, April, 2003.

## PUBLICATIONS

- > 550 in peer-reviewed journals as crystallographer, list available upon request
- > 1700 crystal structure entries in the Cambridge Structural Database (Jan, 2025)