



Connecting Industrial R&D Staff to State-of-the-Art Neutron Methods

3rd Webinar: Neutron protein crystallography reveals molecular details of inhibitor binding to clinical targets.

11 November 2020 at 15:00 (CET)

Dr. Zöe Fisher, European Spallation Source

Group Leader Deuteration and Macromolecular Crystallisation

Dr. Fisher was born and raised in South Africa where she completed her undergraduate studies in biochemistry and physiology in 2000. She moved to Gainesville, Florida and, after a stint as a research lab assistant, enrolled in the interdisciplinary graduate program at the University of Florida.

She completed her doctoral studies in 2006 and moved to New Mexico where she did postdoctoral work at Los Alamos National Lab (LANL) until 2009. She became a permanent staff member at LANL in 2010 and was involved operating the neutron protein crystallography instrument, deuteration/crystallization support lab, and conducted independent research. In 2014 she moved to Lund, Sweden to join the European Spallation Source, where she leads the group for Deuteration and Macromolecular Crystallization.

Zoë's research interests are in interdisciplinary studies for structural enzymology and combining X-ray, electron, and neutron protein crystallography for the understanding of the molecular details of ligand binding for improved structure-based drug design.

