Stanford



Selina Zhao Green

Research Technical Manager 2, DDPI Office

Bio

BIO

Selina joined SLAC National Accelerator Laboratory in 2005 after earning her Ph.D in Physics from University of Minnesota and conducting high-energy particle experiments at the Wilson Synchrontron Laboratory at Cornell University during the final 3 years of her graduate studies. At SLAC, she designed and constructed beamlines and diagnostics for the experimental area in Sector 20 of the SLAC Linac, as well as managing experiment installations.

In 2013, she served as a Project Manager for the 10-TW Ionization Laser project at the Facility for Advanced Accelerator Experimental Tests (FACET). She attained her Project Management Professional (PMP) Certification in 2016 when she became a Control Account Manager and was subsequently promoted to Project Manager for FACET-II, successfully leading the project team through its development from Conceptual Design, CD-1 to Final Design and construction CD-2/3.

Since September 2019, Selina had served as the Deputy Project Manager for the Matter in Extreme Conditions Upgrade (MEC-U) project, actively contributing to its planning and development.

In July 2025, Selina took on a new role within the Office of Project Management, where she continues to enhance project management practices and improve lab-wide procedures and programs.

HONORS AND AWARDS

- Aneesur Rahman Prize for making significant scholarly contributions to the field of HEP, University of Minnesota (2004)
- Community service and commitment to the Chinese Outreach Committee, American Red Cross (2007)

EDUCATION AND CERTIFICATIONS

- B.S., University of California, Davis , Psychology (1999)
- B.S., University of California, Davis , Physics (1999)
- Ph.D, University of Minnesota , Physics (2004)
- Project Management Professional, Project Management Institute (2016)

PROJECTS

- Matter in Extreme Condition (MEC) Upgrade Project - SLAC National Accelerator Laboratory (September 9, 2019 - May 30, 2025)
- Facility for Advanced Accelerator Experimental Tests-II (FACET-II) Project - SLAC National Accelerator Laboratory (June 1, 2015 - September 6, 2019)
- FACET Ionization Laser - SLAC National Accelerator Laboratory (August 7, 2012 - April 19, 2013)

SERVICE, VOLUNTEER, AND COMMUNITY WORK

- Mentors in the SLAC Mentorship Program (2017, 2025, 2026)
- Project Management Committee Member and Lead for DOE Independent Project Review (2024 & 2025)
- Journal Referee for "Plasma Physics and Controlled Fusion" and "Applied Sciences"