

Postdoctoral Research Scholar (Job # 12921)
XFEL BIOPHYSICS
DEPARTMENT OF PHYSICS
ARIZONA STATE UNIVERSITY
<https://physics.asu.edu/content/postdoctoral-research-scholar-job-12921>

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The department of Physics at Arizona State University seeks applicants for a postdoctoral research scholar to work in the field of biological sample delivery for X-ray lasers.

The successful applicant will work with the National Science Foundation's BioXFEL Science and Technology Center (STC) (<https://www.bioxfel.org>), a consortium of six US campuses devoted to the application and development of X-ray lasers for biology. This supports the research programs of seven faculty at ASU, where a compact campus XFEL is under construction. He/she will work under the supervision of Prof J. Spence and collaborate with other BioXFEL faculty, while also conducting original research. This may involve the use of our two-photon 3D printer for microfluidic mixing devices to enable time-resolved X-ray crystallography and solution scattering at XFELs. Applicants should hold a doctorate or equivalent degree in a relevant field of science, such as physics, bioengineering, biophysics, fluid dynamics, microfluidics or chemistry. Applicants are responsible for having three references sent to the address below by the relevant deadline, and also for providing the names of these referees and a CV. More details can be obtained from spence@asu.edu.

ASU is situated near Phoenix, Arizona, and is one of the largest universities in the United States. Recently ranked as one of the top 100 research universities in the world, its 40 Physics department faculty work mainly in Biophysics, Nano and Materials Science, Cosmology and Particle Astrophysics, and hold many honors (<http://physics.asu.edu>). It is also home the Beyond Center (<http://beyond.asu.edu>).

To apply, please send electronically to <https://physics.asu.edu/content/postdoctoral-research-scholar-job-12921>. The following materials: a cover letter, a CV, a publication list, and a detailed summary of research experience and interests, and 3 reference letters. Applications should be submitted in one complete attachment. For more information about the position, contact John Spence, John.Spence@asu.edu

The initial review of applications will begin July 2, 2019 if not filled; applications will be reviewed every week thereafter until the search is closed.

A background check is required for employment.

Arizona State University is a VEVRAA Federal Contractor and an Equal Opportunity Affirmative Action Employer. All qualified applicants will be considered without regard to race, color, sex, religion, national origin, disability, protected veteran status, or any other basis protected by law. <https://www.asu.edu/aad/manuals/acd/acd401.html>. <https://www.asu.edu/titleIX>.

In compliance with federal law, ASU prepares an annual report on campus security and fire safety programs and resources. ASU's Annual Security and Fire Safety Report is available online at <https://www.asu.edu/police/PDFs/ASU-Clery-Report.pdf>. You may request a hard copy of the report by contacting the ASU Police Department at 480-965-3456.