

The Wolf Research Group at the Stanford PULSE Institute seeks candidates for a postdoctoral position

We are seeking a postdoctoral candidate to join the our group within the Stanford PULSE Institute at SLAC National Accelerator Laboratory. Our research focuses on investigations of ultrafast photochemical dynamics in isolated molecules using state-of-the-art experimental methods, with the goal of understanding coupled electron-nuclear dynamics during photochemical processes in the excited states of organic molecules. This requires experiments with femtosecond time resolution and atomic spatial resolution. We are pushing this frontier using the unique facilities of SLAC, the x-ray free electron laser LCLS and the megaelectronvolt ultrafast electron diffraction facility. LCLS has recently completed a major upgrade to LCLS-II increasing its repetition rate to 1 MHz. Our group is deeply embedded in the highly collaborative and inspiring research environment of PULSE institute. Additionally, we are affiliated with the chemical sciences department at LCLS.

The postdoctoral candidate will investigate gas phase ultrafast molecular dynamics by time-resolved soft X-ray spectroscopy and diffraction experiments exploiting the transformative opportunities of LCLS-II.

We are actively seeking applicants from underrepresented backgrounds, including women, people of color, individuals with disabilities, and members of the LGBTQ+ community, and those who have demonstrated a commitment to advancing equity and inclusion.

The successful candidates will receive competitive compensation. The minimum Stanford postdoc salary levels can be found here. Additional financial support for relocation is available upon request. Applicants can submit their application materials including a cover letter, CV, publication list, and the names of at least two references through this link.

We seek candidates with the following qualifications:

- A PhD in physics, chemistry or related fields.
- Demonstrated expertise ultrafast experiments in the gas phase
- Strong interpersonal and communication skills.
- Commitment to advancing diversity, equity, and inclusion in research and professional activities.
- Commitment to working in a collaborative and interdisciplinary research environment.

Contact and further information

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