

Postdoctoral position in ultrafast and steady-state spectroscopy of novel plasmonic nanomaterials at Brown University

DESCRIPTION

The lab is actively seeking a highly motivated researcher for a postdoctoral position. The candidate must have completed a PhD in Chemistry, Physics, or a closely related field. Expertise in ultrafast absorption and vibrational laser spectroscopy is desirable along with knowledge of near-field optical microscopy. A focus on solid-state materials and nanoparticle assembly systems is expected, and LabVIEW fluency is a plus. The position requires leadership abilities with an interest in mentoring graduate and undergraduate students in manuscript preparation. For more information, please see a list of project descriptions: <https://www.kleinlaserlab.org/projects-6>

At least two letters of recommendation are required. Please send a current CV and cover letter to the email address listed below. Applications received by Nov 15th, 2022 will be given full consideration; however, applications will continue to be reviewed until the position is filled.

Brown University is committed to fostering a diverse and inclusive academic global community; as an EEO/AA employer, Brown considers applicants for employment without regard to, and does not discriminate on the basis of, gender, race, protected veteran status, disability, or any other legally protected status.

Bio: Professor Emily Sprague-Klein received her B.S. degree from the University of Illinois at Urbana-Champaign in 2012 and her Ph.D. from Northwestern University in 2018 (advised by the late Richard Van Duyne). She was a postdoctoral associate with Lin X. Chen and David M. Tiede at Northwestern University and the Solar Energy Conversion Group at Argonne National Lab. Beginning in the summer of 2022, Emily joined the faculty at Brown University as an Assistant Professor of Physical Chemistry. Her group will focus on probing localized surface plasmon resonance mediated photo-catalysis in emerging plasmonic nanomaterials as well as probing the photophysical and photochemical dynamics at the electrified solid-liquid interface with surface-enhanced spectroscopies. She is the recipient of the Department of Energy's LDRD award in Emerging Materials, a National Science Foundation Graduate Research Fellow, the Department of Defense National Defense Science and Engineering Graduate Fellowship, and the Ryan Fellowship at Northwestern University.

Klein group website:

<https://www.kleinlaserlab.org/>

APPLY by sending an email to: emily_sprague-klein@brown.edu