

Eric King

Postdoctoral Research Fellow

ACADEMIC HISTORY

Postdoctoral Research Fellow
Temple University

Nov 2021 — Present
Philadelphia, PA

PhD in Experimental Physics
Syracuse University

Sep 2015 — Oct 2021
Syracuse, NY

RESEARCH

I'm currently a postdoctoral research fellow at Temple University where I'm continuing to pursue my physics research interests. I'm involved in collaborative efforts that utilize parity-violating electron scattering as a probe of nuclear physics and the Standard Model. I did my PhD work with the PREX-2/CREX experiments—I worked extensively on improving Møller Polarimetry in Hall A (for both PREX-2/CREX and future high-precision experiments). I am now working with the MOLLER collaboration. I dedicated time, as needed, to assist with running ongoing SBS experiments and have gladly made time to assist with other experiments in Halls A and C.

CANDIDATE STATEMENT

I was provided with the profound opportunity during my PhD work to participate in experiments that are performed at JLab. It is impossible to overstate what an amazing institution JLab is—from the quality scientific endeavors to the amazing people who make up its users (and staff). Prior to my PhD, I worked for about a decade managing a staff that ranged from 10-20 people and pride myself on having fostered a constructive and inclusive environment and my readiness to act as a liaison and advocate for everyone I was responsible for representing. I would bring that same determination in addressing any issues for postdoctoral users at JLab; I am interested in knowing what my fellow postdoctoral users feel is done well and where they feel more support is needed. I would be quite honored to act as the postdoctoral representative on the JLab Users Organization Board of Directors.