

Kent Paschke, University of Virginia

Academic History

2012-present	University of Virginia, Department of Physics. Associate Professor.
2006-2012	University of Virginia, Department of Physics. Assistant Professor.
2001-2006	University of Massachusetts, Amherst. Postdoctoral Research Associate.
1994-2001	Carnegie Mellon University, PhD in Physics
1989-1994	University of Houston, B.S. in Physics and Mathematics

Research Profile

I have been an active member of the JLab user community since 2001, using parity violation in electron scattering for studies of nucleon and nuclear structure and in the search for new fundamental forces. I've also worked on experimental studies of both strong and electroweak interactions at Mainz, SLAC, CERN, and BNL. I presently serve as the spokesperson for the PREX experiment in Hall A and on the executive board for the MOLLER collaboration. Among other aspects of these experiments, I've been particularly active in preparing and characterizing the polarized electron beam.

Community Service

I have served on the User Group Board of Directors from 2011-13, as the secretary of the Hall A Coordinating Committee from 2006-2008, and on the JSA Program Committee (as the UVa representative) since 2013. I've also been active in representing the user community to congressional offices, travelling to Washington D.C. to participate in the annual "Nuclear Physics on the Hill Day" each year since 2013. I've served as an organizer, advisor or convener for 10 workshops or conferences. I've also served on a JSA search committee and assisted with a Director's Accelerator Advisory Committee.

Candidate statement

Even while the promise of the 12 GeV upgrade is beginning to be realized, Jefferson Lab is forced to adapt to funding levels which are both tightly constrained and highly variable. As the lab adjusts to this challenging budget environment, the UGBoD must ensure that the user perspective is communicated to lab management and carefully considered. The UGBOD must also help ensure that the value and excitement of JLab physics is communicated to the broader nuclear physics community and to congressional decision makers. I would welcome the opportunity to serve at this important time, to support the interrelated goals of facilitating the best possible physics program along with a healthy and engaged user community that will be critical to maintaining the excellence of JLab in the future.