



**Matthew Musgrave**

BROOKHAVEN NATIONAL LABORATORY

Since September 2016, I have been a Postdoctoral Research Associate at MIT working in the Collider-Accelerator Department as part of an MIT & BNL collaboration to develop a polarized  $^3\text{He}$  ion source for RHIC. The polarized  $^3\text{He}$  ion source is also part of ongoing R&D effort for a future Electron Ion Collider, which has proposed to accelerate polarized light ions. Before joining the C-AD, I was a postdoc at the University of Sussex in Brighton, UK where I worked on the neutron EDM experiment at PSI. I received my PhD from the University of Tennessee, Knoxville in 2014 for my work on neutron polarimetry for the NPDGamma experiment.

I strongly believe that developing a sense of community and active social life is important to establishing a health work/life balance, which is an ongoing struggle for many grad students and postdocs. I look forward to working with ASAP to organize events to support or destress BNL's community of young emergent researchers.