

Kathryn D. Huff

CONTACT INFORMATION	Blue Waters Assistant Professor <i>University of Illinois, Urbana-Champaign</i> <i>Nuclear, Plasma, and Radiological Engineering</i> <i>Affiliate Faculty, National Center for Supercomputing Applications</i>	mobile: (281) 734-1342 e-mail: katyhuff@gmail.com website: katyhuff.github.com
PHD	University of Wisconsin - Madison , NUCLEAR ENGINEERING	Aug 2008 – Aug 2013
BA	University of Chicago , PHYSICS	Aug 2004 – Jun 2008
RESEARCH EXPERIENCE	University of Illinois at Urbana-Champaign , Urbana, IL <i>Assistant Professor, Nuclear Plasma and Radiological Engineering</i> <i>Blue Waters Asst. Prof., National Center for Supercomputing Applications</i>	Aug 2016 – Present Aug 2016 – Present
	University of California - Berkeley, NE Dept. , Berkeley, CA <i>Postdoctoral Scholar, Nuclear Science and Security Consortium</i> <i>Data Science Fellow, Berkeley Institute for Data Science</i>	Sep 2013 – Jul 2016 Aug 2014 – Jul 2016
	Argonne National Laboratory , Argonne, IL <i>Laboratory Graduate Research Appointee, Used Fuel Disposition Campaign</i>	Jun 2011 – Aug 2013
	University of Wisconsin - Madison, NEEP Dept. , Madison, WI <i>Graduate Research Assistant, Computational Nuclear Engineering Research Group</i>	Jun 2008 – Aug 2013
	Idaho National Laboratory , Idaho Falls, ID <i>Graduate Research Assistant, Systems Analysis Campaign</i>	Jun – Aug 2010
	Kavli Institute For Cosmological Physics , Chicago, IL <i>Research Assistant, Laboratory for Astrophysics and Space Research</i>	Jan 2005 – Jun 2008
	Universidad de Chile, Physics Dept. , Santiago, Chile <i>Research Assistant, Chicago-Chile Research Exchange Program</i>	Jun – Sep 2006
	Los Alamos Neutron Science Center , Los Alamos, NM <i>Research Assistant, LANSCE-3</i>	Jun – Sep 2004 May – Aug 2003
RECENT HONORS AND AWARDS	American Nuclear Society, Oestmann Professional Women’s Achievement Award American Nuclear Society, Young Member Excellence Award Data Science Fellowship, Berkeley Institute for Data Science, UC Berkeley Nuclear Science and Security Consortium Postdoctoral Fellowship, UC Berkeley	2017 2016 2014–2016 2013–2016
BOOKS	[1] Scopatz, A., Huff, K. . “Effective Computation in Physics: Field Guide to Research in Python” O’Reilly Media. 2015. shop.oreilly.com/product/0636920033424.do .	
BOOK CHAPTERS	[2] Huff, K. . “Case Study: Cyclus Project,” and “Lessons Learned” in The Practice of Reproducible Research, 1st ed., Justin Kitzes, Fatma Imamoglu, and Daniel Turek, Eds. University of California, Berkeley: University of California Press. 2017.	
KEYNOTES	SciPy 2017 , Scientific Python Conference, Austin, TX. PyCon 2017 , Portland, OR. PyData 2016 , Chicago, IL. SuperComputing 2015 , Python in High Performance Computing workshop.	Jul 12, 2017 May 19, 2017 Aug 27, 2016 Nov 15, 2015
PROFESSIONAL SERVICE	Technical Program Committee , IHLRWM Conference Chair , Fuel Cycle & Waste Management Division, ANS Vice Chair , Fuel Cycle & Waste Management Division, ANS Chair , Steering Committee, Software Carpentry Foundation Secretary–Treasurer , Fuel Cycle & Waste Management Division, ANS Secretary , Young Members Group, ANS	2017 2016–2017 2015–2016 2014–2015 2013–2015 2013–2014