Professional Service

Rachel N. Slaybaugh

April 20, 2021

National Academies of Science member of the Committee on Laying the Foundations for New and Advanced Nuclear Reactors in the United States, 2020-2022

Biden-Harris Transition Team, 2020

Good Energy Collective, Founding Board Chair, 2020-present

Pennsylvania State University, Nuclear Alumni Advisory Council, 2020-2021

University of Michigan, NERS Department Advisory Board, 2019-2021

Nuclear Energy Advisory Committee, Appointed Member, 2016-2017

Senior Fellow of the Breakthrough Institute, 2017-present

Journals, reviews, conference organizing

Nuclear Science and Engineering	Editorial Advisory Board, 2020-present
	reviewer
Annals of Nuclear Energy	reviewer
Journal of Computational Physics	reviewer
Journal of Nuclear Science and Technology	reviewer
Nuclear Engineering and Design	reviewer
Canadian Innovation Fund	proposal reviewer
Lawrence Livermore National Laboratory	LDRD reviewer
US DOE Consolidated Innovative Nuclear Research	proposal reviewer
US DOE Technology Commercialization Fund	proposal reviewer
Platform for Advanced Scientific Computing (PASC) Conference 21	Papers Domain Co-Chair for Engineering
ANS: Math & Comp, PHYSOR, national meetings	reviewer

American Nuclear Society, National Level

Math and Comp. Division	Chair Rotation 2016-2019; Exec. Comm. 2013-2016
Rad. Protection and Shielding Div.	Exec. Comm. 2015-2018
Young Members Group	Exec. Comm. 2014-2017
NEED Comm.	Chair 2013-2015, Vice Chair 2010-2013
Professional Divisions Comm.	Vice Chair 2012-2016
Student Sections Comm.	Chair 2010-2013, Vice Chair 2009-2010
Professional Women in ANS	Chair 2008-2010, Vice Chair 2006-2008
Board of Directors	Student Member 2007-2009
Other committee service	Membership, Bylaws and Rules, Public Info., 2013 Nominating Comm., 2014 Special Selection Comm. for Nominating Comm. Candidates

Software and Computing

The Hacker Within, UCB and UW (http://thehackerwithin.github.io/berkeley/)	Faculty Advisor 2014-2018; Co-founder 2009
Berkeley Research Computing	User Advisory Group 2016-present

(http://research-it.berkeley.edu/programs/berkeley-research-computing)

Software and Data Carpentry	Instructor since 2013
(http://software-carpentry.org/)	
Berkeley Computing and Computer Science	2014-present
Education Committee	

Energy and Science

Society of Industrial and Applied Mathematics	Member 2009-2020
Berkeley Energy and Resources	Advisory Board Member 2017-2021
Collaborative (BERC)	
UCB–ANS	Faculty Advisor 2014-2019
Nuclear Engineering Student Delegation	Co-Vice Chair 2010, Selected 2009
UW–Energy Hub	Conference Speaker Chair 2009,
	Founding Member 2007,
	Collegiate Energy Association 2008-2010

Education

UC Berkeley Admissions Reader	2021
Berkeley College of Engineering Graduate	2014-2017
Education Committee	
Berkeley College of Engineering Undergraduate	2020-present
Education Committee	
Search and promotion committees	member