

## Professional Service

**Rachel N. Slaybaugh**

August 18, 2018

*Nuclear Innovation Alliance*, Advisory Committee, 2018-present

*Nuclear Energy Advisory Committee*, Appointed Member, 2016-2017

*Special Government Employee*, Advanced Research Projects Agency Energy, 01/2017-10/2017

*Senior Fellow* of the Breakthrough Institute, 2017-present

*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<br>Nominating Comm., 2014 Special Selection Comm.<br>for Nominating Comm. Candidates |

### *Software and Computing*

|  |   |
|--|---|
| Berkeley Institute for Data Science<br>( <a href="http://bids.berkeley.edu/">http://bids.berkeley.edu/</a> )   | Senior Fellow; Advisory Board Member          |
| The Hacker Within, UCB and UW<br>( <a href="http://thehackerwithin.github.io/berkeley/">http://thehackerwithin.github.io/berkeley/</a> )   | Faculty Advisor 2014-present; Co-founder 2009 |
| Berkeley Research Computing<br>( <a href="http://research-it.berkeley.edu/programs/berkeley-research-computing">http://research-it.berkeley.edu/programs/berkeley-research-computing</a> ) | User Advisory Group 2016-present              |
| Python for Nuclear Engineering<br>( <a href="http://pyne.io/">http://pyne.io/</a> )  | Contributor                                   |
| Software Carpentry<br>( <a href="http://software-carpentry.org/">http://software-carpentry.org/</a> )  | Instructor since 2013                         |
| Data Carpentry<br>( <a href="http://www.datacarpentry.org/">http://www.datacarpentry.org/</a> )  | Instructor since 2016                         |
| Berkeley Computing and Computer Science<br>Education Committee   | 2014-present                                  |

### *Energy and Science*

|   |  |
|---|--|
| SIAM  | Member 2009-present  |
| Berkeley Energy and Resources<br>Collaborative (BERC) | Advisory Board Member 2017-present   |
| UCB-ANS   | Faculty Advisor 2014-present   |
| Nuclear Engineering Student Delegation                | Co-Vice Chair 2010, Selected participant 2009  |
| UW-Energy Hub   | Conference Speaker Chair 2009, Founding Member 2007,<br>liaison to Collegiate Energy Association 2008-2010 |