

## Professional Service

**Rachel N. Slaybaugh**

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### *American Nuclear Society, National Level*

|                                    |   |
|------------------------------------|---|
| Math and Comp. Division            | Exec. Comm. 2013-present  |
| Rad. Protection and Shielding Div. | Exec. Comm. 2015-present  |
| Young Members Group                | Exec. Comm. 2014-present  |
| NEED Comm.                         | Chair 2013-2015, Vice Chair 2010-2013   |
| Professional Divisions Comm.       | Vice Chair 2012-present   |
| 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*

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|--|---|
| Berkeley Institute for Data Science<br>( <a href="http://bids.berkeley.edu/">http://bids.berkeley.edu/</a> )   | Senior Fellow                                 |
| 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                         |
| Berkeley Computing and Computer Science<br>Education Committee   | 2014-present                                  |

### *Energy and Science*

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|--|--|
| SIAM                                   | Member 2009-present  |
| UCB-ANS                                | Faculty Advisor 2014-present   |
| UW-SIAM                                | Founding member 2009   |
| 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 |
| UW-Women In Nuclear                    | President 2008-2009, Vice President 2006-2008,<br>Founding Member 2006                                     |
| Fireside Society                       | Judging advisor for Clean Tech Open competition 2011,<br>Member 2011-present                               |