Teaching Experience

Rachel N. Slaybaugh

March 11, 2021

University of California, Berkeley <div style="float:right">Jan. 2014 - Present</div>

Assistant Professor of Nuclear Engineering <div style="float:right">Berkeley, CA</div>

- Founder Nuclear Innovation Bootcamp, Su. 2016 - 2020
- NE 250, Nuclear Reactor Theory (graduate-level): Fa. 2015, 2017
- NE 255, Numerical Simulations for Radiation Transport (graduate-level): Fa. 2016
- NE 155, Introduction to Numerical Simulations for Radiation Transport (senior-level elective): Sp. 2014, 2015, 2016, 2017, 2021
- NE 100, Introduction to Nuclear Energy and Techn (junior-level required): Fa. 2020
- NE 198, Faculty sponsor for class in which Berkeley students do hands-on science experiments with students in under-served elementary schools in Oakland: Fa. 2015 - present
- NE 24, Putting the Science in Computational Science (Freshman seminar), Sp. 2015, 2016, 2017

Software Carpentry Scientific Computing Workshops

Instructor

- Jan. 14-15, 2016: git; Berkeley Institute for Data Science
- July 16, 2015: shell; École Polytechnique Fédérale Lausanne
- July 1-2, 2015: shell and Python; for underrepresented minority students; UC, Berkeley
- June 11, 2015: Python; Oak Ridge National Laboratory
- Jan. 5-6, 2015: version control; for women only; University of Colorado, Boulder
- Apr. 14-15, 2014: introductory material, version control, object oriented concepts in Python; for women only; Lawrence Berkeley National Laboratory

Bettis Laboratory <div style="float:right">Mar. 2012 - Aug. 2014</div>

Instructor <div style="float:right">West Mifflin, PA</div>

- Qualified instructor for Bettis Reactor Engineering School (BRES), an internal school for new DOE-Naval Reactors employees
- Co-taught BRES Shielding course Fa. 2012, 2013, and Sp. 2013

University of Pittsburgh <div style="float:right">Fa. 2012, Sp. 2013</div>

Adjunct Professor <div style="float:right">Pittsburgh, PA</div>

- Co-taught Introduction to Nuclear Engineering (ENGR 1700), Fa. 2012
- Co-taught *new* course Nuclear Chemistry and Radiochemistry (ENGR 2112), Sp. 2013