

JENNIFER COOPER

Ph.D Student Physics - jrcooper91.github.io
jrc323@cornell.edu

EDUCATION

University of Kansas	<i>August 2017 - Present</i>
Madison & Lila Self Graduate Fellow, Ph.D Student in Physics	
California State University Los Angeles	<i>2015 - 2017</i>
Master of Science in Physics	
Thesis: <i>Comparing High-redshift dropouts in the GOODS-S Field from MultiDrizzle and SelfCal maps - UC Irvine</i>	
Cornell University	<i>2009 - 2014</i>
Bachelor of Arts in Geophysics, <i>cum laude</i> & College of AAS Research Honors	<i>3.6 GPA</i>
Thesis: <i>Global Volcanic Island Arc Deformation Study</i>	
Bachelor of Arts in Archaeology	
Minor in Astrophysics	

PUBLICATIONS

Computer Languages	C/C++, MATLAB
Software & Tools	HTML, LaTeX, Excel, Gerris, Mathematica, ASPEN Plus, Tecplot
Fugmann, G., Fletcher T., Cooper, J. , Schulze, V., Spolaor, A. and APECS Executive Committee 2016-2017 (2016): Association of Polar Early Career Scientists (APECS) International Directorate Office - Shaping the Future of Polar Research (Project: No. 229563) - Final Results Report for Research Council of Norway. Tromso, Norway, 46p.	
Thelen, W.A., and Cooper, J. <i>An analysis of three new infrasound arrays around Klauea Volcano:</i> U.S. Geological Survey Open-File Report 20141253, 29 p.	

AWARDS & GRANTS

Madison & Lila Self Graduate Fellowship	<i>2017 - 2021</i>
American Astronomical Society International Travel Grant	<i>2014, 15, 16, 18</i>
Outstanding Teaching - Frieda Stahl Fellowship	<i>2016</i>
FGSA Travel Grant for Excellence in Graduate Research, American Physical Society	<i>2016</i>
Hirsch Foundation Travel Grant for Fieldwork	<i>2012</i>

PROFESSIONAL ACTIVITIES

Vice President , Association of Polar Early Career Scientists	<i>2018 - 19</i>
Steering Committee Member , SCAR Astronomy & Astrophysics	<i>2015 - present</i>
SOC , 5th SCAR AAA Workshop, Mont Blanc, Italy	<i>2018 - 19</i>
Organizing Chair , APECS 2nd World Summit, Davos, Switzerland	<i>2017 - 18</i>
Astronomy Session Convener , SCAR 2016, Kuala Lumpur, Malaysia	<i>2016</i>
Council Member , Association of Polar Early Career Scientists	<i>2015 - present</i>
LOC , 3rd SCAR AAA Workshop, Volcano, HI	<i>2015</i>

OBSERVING EXPERIENCE

SERENDIP Installation, Green Bank/NRAO	<i>2015</i>
IRAM 30m Summer School	<i>2015</i>
Arecibo Observatory	<i>2010 - 2012</i>
<i>ALFALFA Undergraduate Workshop</i> , Arecibo, Puerto Rico	
Lick Observatory, SETI REU	<i>2011</i>