

JENNIFER COOPER

Ph.D Student Physics - jrcooper91.github.io
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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	

AWARDS & GRANTS

Madison & Lila Self Graduate Fellowship	<i>2017 - 2021</i>
NSF Travel Award - POLAR 2018	<i>2018</i>
Antarctic Science Ltd Travel Award	<i>2018</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 & SERVICES

Vice President , Association of Polar Early Career Scientists (APECS)	<i>2018 - 19</i>
Steering Committee Member , SCAR Astronomy & Astrophysics	<i>2015 - present</i>
Organization Review Committee , APECS	<i>2019</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>

PUBLICATIONS

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.** *An analysis of three new infrasound arrays around Kilauea Volcano:*
U.S. Geological Survey Open-File Report 20141253, 29 p.

PROGRAMMING EXPERIENCE

FORTRAN90, python, HTML, CSS, C/C++, IDL