

ROBERT FOFRICH

University of California Irvine, 3200 Croul Hall St, Irvine, CA 92697 | (323) 714-8041 | rfofrich@uci.edu

EDUCATION:

University of California, Irvine, CA Ph.D. Earth System Science	2016 - Present
University of California, Irvine, CA B.S. Earth System Science	2016
West Los Angeles College, Los Angeles, CA A.A. Liberal Arts & Science: Math, Sciences & Computer Science <i>Magna cum laude, with Honors</i>	2014

RESEARCH EXPERIENCE:

Graduate Researcher , University of California, Irvine, Department of Earth System Science, Advisor: Dr. Steven Davis Affiliation: Sustainable Systems Analysis Lab	October 2016 – Present
Undergraduate Researcher , California Institute of Technology/NASA Jet Propulsion Laboratory Advisor: Dr. Michael Tosca Affiliation: Clouds & Aerosols Group & MISR Instrument Group	June 2015 – August 2016
Undergraduate Researcher , University of California, Irvine Center for Environmental Biology Advisor: Dr. Sarah Kimball Affiliation: Center for Environmental Biology	Sept. 2014 – June 2015

TEACHING EXPERIENCE:

Health and Safety Instructor , American Red Cross of Greater Los Angeles Supervisor: Melissa Carrera	March 2010 – Aug. 2012
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PEER-REVIEWED PUBLICATIONS:

- Shearer, C., **Fofrich, R.**, and Davis, S.J. (2017) Future CO2 emissions and electricity generation from proposed coal-fired power plants in India. *Earth's Future*
- Fofrich, R.** and Davis, S.J. (in prep) Infrastructural inertia in energy-emissions scenarios
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AWARDS/GRANTS:

Reward Opportunity Advancing Distinguished Students (ROADS) Scholarship	June 2016
Dr. Juan Francisco Lara Endowed Scholarship	April 2015
University of California, Irvine's Green Initiative Fund- Ecological Preserve Grant	January 2015
Dean's Honor List, <i>West Los Angeles College</i>	August 2013 – June 2014
National Science Foundation Riding the Road Map to Transfer	August 2012 – June 2014
Jet Propulsion Laboratory Undergraduate Scholar (JPLUS)	June 2014 - Nov. 2014
2014 AFT 1521 Foundation Scholarship	June 2014
Irving R. Tannenbaum Memorial Award	May 2014
Morris J. Heldman Chemistry Award	May 2013
David Rodriguez Memorial Scholarship	May 2013
Academic Senate Scholarship	May 20

LANGUAGES:

- English-Native language
Spanish-Native language
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PROFESSIONAL MEMBERSHIPS:

- Society for Advancement of Hispanics/Chicanos and Native Americans in Science (SACNAS)
National Society of Leadership and Success (NSLS)
Phi Theta Kappa Honor Society (PTK)
Alpha Gamma Sigma Honor Society (AGS)
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