

Wilson Sauthoff (he/they)

Contact Information	Department of Geophysics Colorado School of Mines 1500 Illinois St. Golden, CO 80401 USA	sauthoff@mines.edu glaciology.mines.edu
Education	Hydrologic Science and Engineering Ph.D. (in progress) Data Science M.Sc. (in progress) Colorado School of Mines Advisor: Dr. Matthew Siegfried, (8/2020–Present) Ocean Sciences M.Sc. University of California Santa Cruz Advisors: Drs. Christina Ravelo & Matthew McCarthy, (9/2013–9/2016) Environmental Science and Management B.Sc. University of California Davis Oceanography minor, Advisor: Dr. Tessa Hill, (9/2010–6/2013)	
Peer-Reviewed Publications	Brault, E., Koch, P., McMahon, K., Broach, K., Rosenfield, A., Sauthoff, W. , Loeb, V., Arrigo, K., Smith, W. (2018). Carbon and nitrogen isoscapes in West Antarctica reflect oceanographic transitions. <i>Marine Ecology Progress Series</i> . http://doi.org/10.3354/meps12524 Serrato Marks, G., LaVigne, M., Hill, T., Sauthoff, W. , Guilderson, T., Roark, B., Dunbar, R., Horner, T. (2017). Reproducible Ba/Ca variations recorded by northeast Pacific bamboo corals. <i>Paleoceanography and Paleoclimatology</i> . http://doi.org/10.1002/2017PA003178 Moffitt, S., Moffitt, R., Sauthoff, W. , Hewett, K., Davis, K., Hill, T. (2015) Paleooceanographic insights on recent oxygen minimum zone expansion: Lessons for modern oceanography. <i>PLOS ONE</i> . http://doi.org/10.1371/journal.pone.0115246	
Other Publications	Siegfried, M., Schroeder, D., Sauthoff, W. , Smith, B. (2021) Investigating a large subglacial lake drainage in East Antarctica with ice-penetrating radar. <i>SEG Technical Program Expanded Abstracts</i> . https://doi.org/10.1190/segam2021-3582777.1 Ruck, K., Sheffield Guy, L., Chetty, S., French, N., Seefeldt, M., Carpenter, P., Frey, K., Griffith, P., Prior-Jones, M., Sauthoff, W. (Eds.). (2020). Polar Technology Conference 2020 Report. Arctic Research Consortium of the US (ARCUS). https://www.arcus.org/publications/31301 Isern, A., Burtler, N., Shanhun, F., Sauthoff, W. (Eds.). (2019). Report on International Ross Sea Region Collaboration and Coordination Workshop. Scientific Committee on Antarctic Research. https://www.scar.org/scar-news/pais-news/ross-sea-workshop-report/ Sauthoff, W. , Ravelo, C., McCarthy, M. (2016). Nitrogen isotopes of amino acids in marine sediment: A burgeoning tool to assess organic matter quality and changes in supplied nitrate $\delta^{15}\text{N}$. M.Sc. thesis, University of California Santa Cruz. http://escholarship.org/uc/item/63r5v4zj Sauthoff, W. (2013) Gulf of Alaska and California bamboo corals: A new archive of climate change. <i>Explorations: The UC Davis Undergraduate Research Journal</i> , Vol. 15. http://explorations.ucdavis.edu/2013/sauthoff_wilson.html	

Awards	<p>WAIS Workshop Early Career Researcher travel grant, \$651, (9/2021)</p> <p>HSE Student Leadership Award, (5/2021)</p> <p>NSF Antarctic Service Medal, (03/2017)</p> <p>Graduate Student Association Travel Grant, \$288, (5/2015)</p> <p>Myers Oceanographic Trust Grant, \$1100, (4/2015)</p> <p>Friends of Long Marine Lab Grant, \$950, (1/2015)</p> <p>PADI Foundation Grant, \$1685, (9/2013)</p> <p>Provost's Undergraduate Fellowship, \$894, (12/2011)</p>
Mentoring	<p>Colorado School of Mines</p> <p>Kayla Hubbard, M.Sc. student, (2021), now NSF science assistant</p> <p>University of California Santa Cruz</p> <p>Natalia Spritzer, Science Internship Program high school intern, (2015)</p> <p>Sami Chen, undergraduate lab assistant, (2014-2015), now Ph.D. student at Stanford</p> <p>Nicolette Chiem, undergraduate CalTeach intern, (2014-2015)</p> <p>Linda Pineda, undergraduate researcher, (2015-2016)</p>
Teaching Experience	<p>Colorado School of Mines</p> <p><i>Teaching Assistant</i></p> <p>Applications of Remote Sensing (Geophysics 470/570), 1/2022-5/2022, Instructor: Dr. Matthew Siegfried</p> <p>University of California Santa Cruz</p> <p><i>Teaching Assistant</i></p> <p>Ecology & Society (Environmental Studies 100L), 1/2016-3/2016, Instructors: Drs. Sharifa Crandall & Philip Longo</p> <p>Microbiology (Microbiology & Environmental Toxicology 119), 9/2015-12/2015, Instructor: Dr. Victoria Stone</p> <p>Our Changing Planet (Oceans 80B), 9/2014–12/2014, 4/2014–6/2014, Instructor: Dr. Matthew McCarthy</p> <p>University of California Davis</p> <p><i>Laboratory Teaching Assistant</i>, Mathematics and Science Teaching Program for biological science laboratory (BIS 2A-CL), 1/2012–3/2012</p> <p><i>Biological Sciences Tutor</i>, Student Academic Success Center, 6/2011–12/2011</p> <p><i>Instructor</i>, Biological Sciences supplemental course (BIS 98), 4/2011–6/2011</p>

