

Education and Outreach

PSL staff is involved in a variety of activities related to education and outreach. This document provides a sampling of those activities categorized under mentoring, instruction, appointments, and school/public outreach.

Mentoring

EPP/MSI: Undergraduate scholarship for students attending Minority Serving Institutions and majoring in STEM fields (NOAA)

Hollings: Hollings Scholarship Program (NOAA)

MPOWIR: Mentoring Physical Oceanography Women to Increase Retention

NERTO: Experiential Research and Training Opportunity (NOAA)

PROGRESS: PROMoting Geoscience Research, Education & SuccesS (NSF)

RECCS: Research Experience for Community College Students (CU)

SOARS: Significant Opportunities in Atmospheric Research and Science (NCAR)

STC: Science and Technology Corporation

Mentor Name	Student(s)	Program	Year(s)
Albers, John	Butts, James	RECCS	2018
Albers, John and Juliana Dias	Ortiz, Austin	RECCS	2019
Alexander, Michael	Brady, Riley	Hollings	2015
Alexander, Michael	Maloy, Kelsey	Hollings (co-advised)	2016
Alexander, Michael	Eure, Keenan	SOARS	2017
Alexander, Michael	Bateman, Richard, Srijita Jana, and Samantha Wills	Served on PhD committee	2017
Alexander, Michael	Lemon, Danielle	PhD committee member CU Atmospheric and Ocean Sciences (ATOC) program	2019
Alexander, Michael	Gola, Amy and Elise Gooding-Lord	Boulder Valley High School Mentor program	2019
Alexander, Michael	Gooding-Lord, Elise and Amy Gola	Mentored students from Monarch High School on a year-long science project.	2020
Alexander, Michael	Lemon, Danielle	On student's PhD committee at CU Boulder	2020
Alexander, Michael	Newcomb, Laura	NOAA Mentoring Program	
Capotondi, Antonietta	Graduate Students	Mentoring Physical Oceanography Women to Increase Retention (MPOWIR)	2020
Capotondi, Antonietta	Nicola Maher	Postdoctoral co-Advisor, University of Colorado Boulder	2020
Capotondi, Antonietta	Jacopo Sala	PhD co-Advisor, University of Colorado	2020

Capotondi, Antonietta	Giovanni Liguori	PhD Committee Member, Georgia Institute of Technology	2017-2018
Capotondi, Antonietta	Danielle Lemmon	PhD Committee Member, University of Colorado Boulder	2017-2020
Capotondi, Antonietta	Aude Carreric	PhD Committee Member, University of Toulouse, France	2018-2019
Capotondi, Antonietta	Youngji Joh	PhD Committee Member, Georgia Institute of Technology	2018-2020
Cifelli, Rob	Delbert Willie	PhD graduate Student, Colorado State	2015-2016
Cifelli, Rob	Haonan Chen	PhD graduate student, Colorado State and NRC postdoc	2015-2017
Cifelli, Rob	Sounak Biswas	PhD graduate student, Colorado State	2016-2020
Cifelli, Rob (with Cecile Penland and Roger Pulwarty)	Meg Fowler	NOAA OAR FACETS Postdoc	2019-2020
Cifelli, Rob (with Kelly Mahoney)	Jean Pierre Valle	CCNY NERTO	2019
Cifelli, Rob (with Kelly Mahoney)	Adrian Pena	CCNY NERTO	2019
Cifelli, Rob (with Kelly Mahoney)	Carolien, Mossel	CCNY NERTO	2020
Cifelli, Rob (with Mimi Hughes)	Sthapit, Engela	CCNY NERTO	2020
Cifelli, Rob and Roger Pulwarty	Apegnadjro, Koffi	EPP/MSI	2020
Cox, Chris	Martinez, Carlos	Hollings	2015
Cox, Chris	Olivas Ordonez, Kevin	STC Student Intern	2018
Cox, Chris	Looze, Amanda	Pathways	2018
Cox, Chris	Helmberger, M. and N. Lewis	CU grad student fieldwork	2018
Cox, Chris	Silver Springs Martin Luther School	Skype A Scientist	2020
Cox, Chris	Graduate students/middle school students/public	MOSAiC E&O facilitated by CIRES, including MOSAiC School, field-mentoring of graduate students, Skype interaction with middle school classrooms, MOOC lecture	2019-2020
Creamean, Jessie	Liu, Catherine	CAMSIE Summer Student	2017
Creamean, Jessie	Female Undergraduate	PROGRESS	2015-2016
Creamean, Jessie and Allen White	Ceniceros, Julio	NERTO	2018
Creamean, Jessie and Allen White	Aydell, Taylor	Hollings	2018

Creamean, Jessie and Allen White	Colombi, Nadia	Hollings	2018
de Boer, Gijs	Nichols, Tevis	CU Aerospace Engineering PhD committee	2015-2017
de Boer, Gijs	Laurence III, Roger	CU Aerospace Engineering PhD committee	2015-2017
de Boer, Gijs	Miller, Nathaniel	CU Atmospheric and Oceanic Sciences PhD committee	2015-2017
de Boer, Gijs	Norgren, Matthew	CU Atmospheric and Oceanic Sciences PhD committee	2015-2020
de Boer, Gijs (with Dave Turner, GSL)	Bray, Matthew	Hollings	2019
de Boer, Gijs and Uttal, Taneil	Hadland, Nathan	Hollings	2019
Dewes, Candida	Radmacher, William	RECCS	2017
Dias, Julianna	Swain, Jason	RECCS	2017
Hamill, Tom	Christopoulos, Costa	Hollings	2016
Hamill, Tom	Worsnop, Rochelle	Pathways	2016
Hamill, Tom	Ben Moore	PhD committee, SUNY Albany	2017
Hamill, Tom	Greg Herman	PhD committee, Colorado State University	2018
Hamill, Tom	Watwood, Matthew	Pathways	2020
Hartten, Leslie	Smith, Ebone	SOARS	2017
Hartten, Leslie	Lewis, Kylee	SOARS	2019
Hartten, Leslie	Vargas-Martes, Rosa	SOARS	2015, 2016
Hartten, Leslie	Madronich, Monica	CIRES Mentoring Program	2019-2020
Hartten, Leslie	Harnos, Kirstin	CIRES Mentoring Program	2020-2021
Hobbins, Mike	McEvoy, Daniel	Doctoral student committee member, University of Nevada-Reno	2015
Hobbins, Mike	Jansma, Timen	STC Student Intern	2016
Hobbins, Mike	Seacrest, Connor	MS student committee member, Colorado State University; yet to complete his thesis.	2017-present
Hobbins, Mike	Newton, Matilda	CIRES Mentor to on-campus post-doc	2019-2020
Hoell, Andrew	Multiple Student Interns	Speed Mentoring Event at NOAA Boulder	2018
Hoell, Andrew and Imtiaz Rangwala	Pfohl, Anna	Pathways	2018
Hughes, Mimi	Henn, Brian	UW Civil and Environmental Engineering PhD committee	2015

Hughes, Mimi	Collins, Luca	RECCS	2015
Hughes, Mimi	Arcos, Nicolas	CIRES Mentoring Program -- Mr. Arcos is not a student, he is an employee in NCEI (has since transitioned to federal)	2019
Hughes, Mimi	Kaushik, Aleya	CIRES Mentoring Program -- Dr. Kaushik is not a student she is a CIRES employee in GSL	2020
Hughes, Mimi	Sthapit, Engela	NOAA Experiential Research and Training Opportunity (NERTO) internship with PSL.	2020
Johnston, Paul	Two High School Students from the Denver Public Schools	Follow-up Internship from My Brothers' Keeper Event	2016
Johnston, Paul	Bonnie, Elizabeth	Hollings	2016
Johnston, Paul	Stewart, Maggie	Hollings	2016
Kiladis, George	Naoko Sakaeda	PhD Committee Member SUNY Albany	2015
Kiladis, George	Mayer, Kirsten	Hollings	2016
Kiladis, George	Wolding, Brandon	PhD Committee Member Colorado State University	2016
Kiladis, George	Cannon, Forest	PhD Committee Member University of California, Santa Barbara	2016
Kiladis, George	Liu, Chengji	PhD Committee Member Colorado State University	2017
Kiladis, George	Yuan-Ming Cheng	PhD Committee Member SUNY Albany	2019
Kiladis, George	Bercos-Hickey, Emily	PhD Committee Member University of California, Davis	2019
Kiladis, George	West, Jason	PhD Committee Member University of Colorado, Boulder	2019
Kiladis, George	Shaaban, Ahmed	PhD Committee Member SUNY Albany	2019
Kiladis, George and Naoko Sakaeda, Lesley Smith	Hurt, Tony	SOARS	2017
Lee, David	Yannacito, Megan	Pathways	2019
Lisa Bengtsson	Bjørge Jenny Kokkvoll Engdahl	PhD co-supervisor, University of Oslo, Norway	2017-present
Mahoney, Kelly	Malloy, Kelsey	Hollings	2016
Mahoney, Kelly	Valle, Jean Pierre	NERTO	2019
Mahoney, Kelly	Pena, Adrian	NERTO	2019

Mahoney, Kelly	Mossel, Carolien	NERTO	2020
Mahoney, Kelly	Tate, Jennifer	Graduate committee service, thesis project mentoring	20165 - 2017
Newman, Matthew	Eure, Keenan	SOARS	2017
Newman, Matthew	Zhao, Bowen	Masters Committee, University of Utah	2015-2016
Newman, Matthew	Thomas, Erin	PhD Committee, University of Wisconsin	2016-2018
Newman, Matthew	Martinez-Villalobos, Christian	PhD Committee, University of Wisconsin	2016-2018
Newman, Matthew	Pandey, Ashutosh	PhD Committee, Auburn University	2018-present
Newman, Matthew	Xu, Tongtong	PhD Committee, Georgia Tech	2020-present
Penland, Cécile	5th incoming cohort	Mathematics of Planet Earth, Imperial College and Reading University.	2018
Pincus, Robert	Jensen, Erik	Opponent for PhD defense	2019
Rangwala, Imtiaz	Fish, T. Ward	RECCS	2016
Ray, Andrea	Deanna Metivier	UNAVCO/RESESS Undergrad mentor	2015
Ray, Andrea	Lincoln, Sage	Hollings	2016
Ray, Andrea	Antozzi, Seth	Hollings	2016
Ray, Andrea	Lagron, Camille (Sage)	Hollings	2016
Ray, Andrea	Battle, Tamara and Anthony Wilson	Informal mentoring to PhD student/NOAA contractor in the NOAA Weather Program Office, and SOARS Protege/undergrad meteorology student.	2020
Ray, Andrea	Yocum, Heather	Post-doctoral Adviser, Univ of Colorado Boulder	2014-17
Ray, Andrea	Jana, Srinita	PhD Committee Member, Univ of Colorado Civil and Environmental Engineering	2015-2018
Ray, Andrea	Boag, Angela	Post-doctoral Adviser, Univ of Colorado Boulder	2018-2019
Ray, Andrea	Abel, Benjamin	PhD Committee Member, Univ of Colorado Civil and Environmental Engineering	2018-2020
Sakaeda, Naoko	Hurt, Tony	SOARS	2016
Scheuerer, Michael	Jacobson, Joshua	Co-Advisor for Master's thesis and Member of thesis committee	2019-2020
Shupe, Matthew	Simpfendoefer, Lucien	Hollings	2016
Shupe, Matthew	Dunmire, Devon	Senior design project mentor, Colorado School of Mines	2018

Shupe, Matthew	Miller, Nathaniel	PhD Advisor, CU Boulder	2013-2017
Shupe, Matthew	Kalesse, Heike	Leibniz Mentorship Program (Germany)	2014-2016
Shupe, Matthew	Koyama, Tomoko	PhD Committee, CU Boulder	2014-2018
Shupe, Matthew	Gallagher, Michael	PhD Advisor, CU Boulder	2014-2019
Shupe, Matthew	Morrison, Ariel	PhD Committee, CU Boulder	2016-2018
Shupe, Matthew	Gierens, Rosa	PhD Committee, Univ. Cologne	2016-2020
Shupe, Matthew	Norgren, Matthew	PhD Committee, CU Boulder	2017-2018
Smith, Lesley	Muse, Nkosi	SOARS	2015
Smith, Lesley	Muse, Nkosi	SOARS	2016
Smith, Lesley	Students from O'Farrell Charter School in San Diego, CA, Phillips Academy in Andover, MA, and Southwest High School in Fort Worth, TX	American Institute of Physics' Adopt-a-Physicist mentoring program	2018
Smith, Lesley	Murray, Mia	SOARS	2018
Smith, Lesley	Lewis, Kylee	SOARS	2019
Smith, Lesley	Undergrad Student	SOARS (Significant Opportunities in Atmospheric Research and Science) program, a research mentoring community for undergrads.	2020
Smith, Lesley	2 Female Undergraduate Students	PROGRESS	2018-2019
Smith, Cathy	Monarch High School students	Assisted in mentoring for Science Fair Project	2019
Solomon, Amy and Uttal Taneil	Koskelo, Eliseanne	Hollings	2019
Statz, Tom	Harwood, Maguire	STC Student Intern	2019
Tulich, Stefan	Blonco, Joaquin	PhD Committee, Univ. of Miami	2016
Tulich, Stefan	Gonzalez, Crystal	RECCS	2019-present
Uttal, Taneil	Olivas Ordonez, Kevin	STC Student Intern	2016
Uttal, Taneil	Looze, Amanda	Pathways	2018
Uttal, Taneil	Lewis, Kylee	SOARS	2019
Uttal, Taneil	Newby, Kyrie	Colorado College Internship Program	2019
Uttal, Taneil	Olivas Ordonez, Kevin	CEC Early College (urban magnet high school in Denver): Supervise internship program and provide regular mentoring	2017 - Present

Viterbo, Francesca	Murray, Mia	SOARS	2019
Voronovich, Alexander	Pendergrass, Angeline	CIRES Visiting fellow	2016
White, Allen	Lee, Yae Jin	STC Student Intern	2016
White, Allen	Cann, Matthew	Pathways Summer Intern	2017
White, Allen	Cann, Matthew	PhD Committee, CU Boulder	2018-2020
White, Allen	Moore, Benjamin	Pathways Recent Graduate Program	2019-2020
Wick, Gary	Wah-Gonzalez, Carlos	NERTO	2018
Worsnop, Rochelle	Luchetti, Nicholas	PhD Committee, CU Boulder	2019-present
Zamora, Bob	Vulis, Lawrence	Hollings	2016

Instruction

Last Name	FirstName	Institution	Course/Activity	Dates
Bedard	Al	University of Colorado	Taught course GEEN1400 Engineering	Fall 2015 through 2019
Capotondi	Antonieta	UNESCO/IOC and Research Center on Ocean Dynamics and Climate Summer School on "Climate Dynamics and Air-Sea Interactions," Qingdao, China	Lecturer	2019
de Boer	Gijs	International Arctic Research Center (IARC), University of Alaska Fairbanks	Instructor for summer school	Summer 2016
de Boer	Gijs	University of Colorado	Guest Lecturer for ASEN 1969: Pathways to Space	Winter 2018 - Present
Draper	Clara	University of Colorado	Invited lecture on coupled land/atmosphere data assimilation, at ECMWF's 2018 Annual Seminar. The Annual Seminar is a four day event, targeted at early career scientists.	September 2018
Draper	Clara	University of Colorado	Invited lecture on coupled land/atmosphere data assimilation, at the JCSDA Summer Colloquium on Satellite Data Assimilation. The symposium is a two week event, targeted at PhD candidates to interest them in a career in DA, and provide connections with the DA community.	August 2018

Hartten	Leslie	PROGRESS (PROmoting Geoscience Research, Education, & Success) program	In-person and web-based mentor training	October 2016 and October 2017
Intrieri	Janet		Four hours/month tutoring Female High School Students on Arctic-related science	
Kiladis	George	Universidad Nacional Autónoma de México, (UNAM), Mexico City	Gave four lectures for a short course on tropical weather variability	February, 2017
Mahoney	Kelly	NCAR ASP Colloquium 2017	Gave lecture on Extreme Precipitation and Severe Weather in the Front Range	June 2017
Morris	Sara	MOSAic Massive Open Online Course	Curriculum review for "Exploring the New and Old Arctic" including: curriculum lessons, answer key, presentation/lesson content and figures, feedback questions, PPT organization and content, and qualtrics survey	April 14 - 22, 2020
Murray	Don	University of Colorado - Denver	Invited lecture for an Environmental Chemistry class at CU-Denver about using climate models to predict and assess global warming and its impacts. I discussed the work we do at ESRL/PSD's Attribution and Predictability Assessments group using climate models.	March 9, 2017
Newman	Matthew	University of Colorado	Guest Lecturer for ATOC 4800/5000: Policy Implications of Climate/Critical Issues in Climate and the Environment	Spring 2017, 2018, 2019
Pincus	Robert	International Center for Theoretical Physics	Instructor: 2nd ICTP Summer School on Theory, Mechanisms and Hierarchical Modelling of Climate Dynamics: Convective Organization and climate sensitivity	July 2019
Pincus	Robert	Max Planck Institute for Meteorology	1st World Climate Research Program Summer School on "Climate Model Development: Atmospheric Moist Processes"	June 2015
Scheuerer	Michael	Colorado School of Mines	Co-Instructor of a Statistics Practicum	Spring Semester 2016
Scheuerer	Michael	Heidelberg Institute for Theoretical Studies	Gave two lectures on 'Statistical Post Processing' at the ScienceFore Summer School 'The Science of Forecasting'.	October 2017

Shupe	Matt	Graduate Field School Program in Hyytiälä, Finland	“Winter school on the observations and modeling of high-latitude and Arctic clouds.” Shupe provided lectures on the Arctic system and Arctic clouds and worked with a group of students on projects focused on cloud properties. The field school was part of the AC3 project -- a large German research consortium focused on Arctic amplification and understanding related processes.	March 19-25, 2017
Shupe	Matt	MOSAIC field school	Lecture on coupled system research	September 2019
Shupe	Matt	MOSAIC Massive Open Online Course	Co-lead instructor, host, and lecturer for "Frozen in Ice: Exploring the Arctic", an online course with many lectures available to the general public and can be taken for credit through the University of Colorado. Nearly 2400 learners already.	January - March 2020
Slivinski, Laura		CU Boulder	invited lecture to upper-level applied math course on data assimilation	Nov 15, 2019
Solomon	Amy	MOSAIC Massive Open Online Course	Lecturer for "Frozen in Ice: Exploring the Arctic", an online course with many lectures available to the general public and can be taken for credit through the University of Colorado. Nearly 2400 learners already.	January - March 2020
Solomon	Amy	NCAR	Instructor for Polar Early-Career Scientists Workshop	Spring 2018
Solomon	Amy	University of Colorado	Instructor for ATOC 6020: Seminar on Polar Climate	Fall 2015, 2017
Uttal	Taneil	National Guard	Invited lecture on US Arctic Observations	
Uttal	Taneil	APECS-APPLICATE-YOPP Online Course in "Advancing Predictive Capability of Northern Hemisphere Weather and Climate"	Lecture - Voltages to Arctic System Science	

Appointments

Last Name	First Name	Institution	Role (e.g. Adjunct Faculty)	Dates
Alexander	Michael	University of Colorado	Affiliate Faculty Member, Department of Atmospheric Science	2012 - Present
Alexander	Michael	University of Maine	Affiliate Faculty Member	2014 - 2017
Alexander	Michael	Colorado State University	Affiliate Faculty Member, Department of Atmospheric Science	2016 - Present
Cifelli	Rob	CIRA/Colorado State University	Fellow	2020-present
Fairall	Christopher	University Colorado	Adjunct	2010-present
Hobbins	Mike	Colorado State University	Faculty Affiliate, Dept. of Civil and Environmental Engineering	2015 - 2020
Kiladis	George	Colorado State University	Affiliate Faculty Member, Department of Atmospheric Science	2010 - Present
Mahoney	Kelly	North Carolina State University	Adjunct Assistant Professor	2014 - Present
Newman	Matthew	University of Wisconsin	Adjunct associate professor, Dept. of Atmospheric and Oceanic Sciences	2016 - Present
Pincus	Robert	Lamont Doherty Earth Observatory	Adjunct Senior Research Scientist	2017-present
Ray	Andrea	University of Colorado	Adjunct, Environmental Studies	2014 - Present
Shupe	Matthew	University of Colorado - Boulder	Faculty Affiliate, Department of Atmospheric and Oceanic Sciences	2011 - Present
Thompson	Elizabeth	Applied Physics Laboratory at University of Washington	Affiliate Scientist	2019 - Present

Outreach

Name(s)	Event	Year(s)
Abbott, Scott, Gijs de Boer, Kelly Mahoney, Bill Otto, Robert Webb	Boulder HS Advanced Placement Environmental Science students visit DSRC and meet with panel about ENRR (Feb 22)	2016
Abbott, Scott, Leslie Hartten, Paul Johnston, and Alex McColl	During El Nino Rapid Response Field Campaign on Kiritimati Island: Community and school group outreach activities (Mar)	2016
Alexander, Michael, Barb DeLuisi, Andrew Hoell, George Kiladis, Don Murray, Cathy Smith, Elizabeth Thompson, Taneil Uttal, and Gary Wick	PSL Funtastic Science Talks: Fun and informal half-hour presentations for kids on a variety of science topics. Developed in response to the COVID-related shutdown of 2020.	2020
Allured, David	Contributor to open source software development and user support mailing lists. NCL, Netcdf, HDF5, CF Conventions, Macports, etc.	Ongoing
Bedard, Al	Judge at Colorado State Science and Engineering Fair. Also involved in choosing Teacher of the Year and arranging for the award plaque (Mar)	2016
Bedard, Al	Served on the organizing committee for the DOC student internship award	2016
Bedard, Al	Served on the organizing committee for the NOAA Pulse of the Planet Awards	2016
Bedard, Al	Assisted University of Colorado, Boulder graduate engineering students with project testing	2016
Bedard, Al	Judged for DOC award at the Colorado Science and Engineering Fair	2015-2020
Bedard, Al	Judged for NOAA Pioneers of Science award at the Colorado Science and Engineering Fair	2015-2020
Bedard, Al	Helped implement the Science and engineering Teacher of the Year award at the Colorado Science and Engineering Fair	2015-2020
Benjamin, Chelsea, Gallant, Evan, Schwarz, Zachary, and Venier, Cody	Participants in the CU Boulder Masters of the Environment (MENV) Graduate Program, and are interning with NIDIS from May through December 2020.	2020
Bytheway, Janice and Elizabeth Thompson	CIRES/NOAA Science at Home outreach webinars for high school and middle school kids. Janice presented "Precipitation: How does it happen, how do we measure it, and why is it hard to predict?" Elizabeth presented "Ocean-Atmosphere Interactions: Amphibious Science"	2020
Chris Fairall	Interview for Science Insider Youtube production	2020
Chris Fairall	Interview E&E news	2020
Chris Fairall	Interview CBS news	2020

Cifelli, Rob	Led visit from San Francisco Bay area water managers to ESRL to learn about NOAA science and services to support flood monitoring and prediction in the San Francisco Bay area. Made several presentations	2016
Cifelli, Rob	Interview for article in San Francisco Estuary News about NOAA's role in the AQPI project	2018
Cifelli, Rob	Interviewed by media at the dedication of the 1st AQPI radar installation	2020
Cifelli, Rob	Presentations to water managers on NOAA's operational capabilities for hydrologic prediction in the San Francisco Bay area	2018-2020
Compo, Gil and Laura Slivinski	Ted Scripps Journalism Tour of NOAA DSRC (Oct 25)	2019
Compo, Gil and Laura Slivinski	Interviews for articles in Boulder Daily Camera and televised interview with CBS Denver on release of the 20th Century Reanalysis version 3	2019
Compo, Gil	Scientific advising for educational websites: https://www.archivesfoundation.org/digitalweather/ , https://www.archivesfoundation.org/digitalweather/storms/ , https://www.archivesfoundation.org/digitalweather/logbooks/	2020
Costa, Dave	CIRES improv + science workshop for local high school and CU students	2019
Costa, Dave	Reach the World/Exploring by the Seat of Your Pants Middle/High School MOSAiC Presentation	2020
Costa, Dave and Matthew Shupe	Scientific American article via Katie Weeman, a science writer at CIRES	2020
Creamean, Jessie	In Barrow, Alaska: Outreach to Hopson Middle School (5 classes), Barrow High School (4 classes) on "How Tiny Particles in the Air Impact Climate" (Mar 4-5)	2016
de Boer, Gijs	ISARRA Flight Week -- Community Day (Jul 14)	2018
de Boer, Gijs	Presentation at Columbine Elementary School in Boulder about Arctic Climate (Jan 10)	2019
de Boer, Gijs, Chris Fairall, Janet Intrieri, Robert Pincus, Elizabeth Thompson, and Robert Webb	Participated in a variety of community/school group/dignitary/media outreach events in Barbados related to the the Atlantic Tradewind Ocean–Atmosphere Mesoscale Interaction Campaign (ATOMIC) (Jan & Feb)	2020
de Boer, Gijs, Chris Fairall, Janet Intrieri, Robert Pincus, Elizabeth Thompson, Mimi Hughes, and Robert Webb	Contributed to or co-wrote a variety of NOAA Research News online public articles related to the the Atlantic Tradewind Ocean–Atmosphere Mesoscale Interaction Campaign (ATOMIC) (Jan & Feb)	2020
DeLuisi, Barb	Science Day at Boulder County Fair (Aug)	2015
DeLuisi, Barb	NOAA Booth at Colorado Science Teachers Conference for Professional Development (Nov)	2017

DeLuisi, Barb	NOAA booth at the Colorado Science Conference in Denver, CO (Nov)	2018
DeLuisi, Barb and Andy Hoell	NOAA Boulder 8th Grade Science Day: Barb was a school guide, and Andy presented an activity on drought to 2 classes (Oct 16 and 18)	2019
DeLuisi, Barb and Robert Webb	Denver/Boulder AMS visit to DSRC. Webb gave presentation on ENRR (Feb 25)	2016
DeLuisi, Barb, Don Murray, and Ellen Sukovich	BVSD 8th Grade Science Day at the DSRC: Murray was a presenter, DeLuisi and Sukovich were school guides (Nov 10 & 12)	2015
DeLuisi, Barb, Katie McCaffrey, Michael Scheuerer, and Laura Slivinski	Denver Museum of Nature and Science "Girls and Science Day" targeted at girls aged 8-14 (Mar 3)	2018
Dias, Juliana, Maria Gehne, Janet Intrieri, Don Murray, Robert Webb	CO-LABS Event at DSRC (Mar 28) -- ENRR E-Poster	2016
Hartten, Leslie	"My Career Trajectory" presenter/panelist (U.S. Department of Commerce - Boulder Labs Poster Symposium, Workshop, and Networking Event)	2016
Hartten, Leslie	Presenter/panelist for "What's Your Passion? Skill-Based Careers in Meteorology: Research" (American Meteorological Society's 15th Annual Student Conference)	2016
Hartten, Leslie	Authored three short pieces for the El Niño Rapid Response	2016
Hartten, Leslie	Spoke about "A Meteorologist's Journey from Connecticut's Woodlands to the Tropical Pacific" at the welcome session of the GLOBE Program's Southwest Regional Student Science Symposium	2018
Hartten, Leslie	5-minute IGNITE-style talk, "What Mentoring Means to Me", at the Front Range PROGRESS Workshop for undergraduate women	2015, 2016
Hobbins, Mike	Ryan Elementary School (BVSD): interviewed by 3rd-grade class on scientist career	2019
Hobbins, Mike	Interviewed by Diana Leonard of Washington Post on the upcoming CA fire season (appeared 5 August).	2019
Hobbins, Mike	Panelist: The AMS Hydrology Committee: The past, present and future. Town Hall Meeting at AMS annual meeting	2019
Hobbins, Mike	Interviewed for AMS Centennial Oral History Project on my background and work as hydrologist	2020
Hoell, Andy	Centaurus HS visit to DSRC - spoke to students on a variety of topics of interest such as: sea level and temperature, general solutions to global warming, albedo and polar ice caps, CO2 and vegetation, severe weather, methane and glacial/permafrost melt, impact on humanity, methane and cattle, forced migration, carbon sequestration, and ocean acidity. (Dec 21)	2018

Hoell, Andy and Don Murray	Denver HS My Brother's Keeper event at DSRC: PSD presentation on El Nino (Mar 3)	2016
Hoell, Andy, Kelly Mahoney, and Robert Webb	Boulder High School AP Environmental Studies class SOS presentation and panel discussion at DSRC (Feb 13)	2017
Hughes, Mimi	Member of Brian Henn's (UW computational hydrology) PhD committee	2015
Hughes, Mimi	Judge for Campbell Elementary Science fair	2015
Hughes, Mimi	Gave a presentation and did an experiment (Clouds in a Bottle) for the 5th graders at Sheridan Green Elementary School (Feb)	2020
Jackson, Darren	Hurricane and water cycle presentations to 2nd grade class at Prospect Ridge Academy in Broomfield	2015
Jackson, Darren	Presentation on Hurricane research with dropsondes from the Global Hawk at Prospect Ridge Academy in Broomfield	2016
Maahn, Max	Northglenn Global Village Academy: Hands-on 'Forecast Factory' Activity (Feb 21)	2017
Mahoney, Kelly	Commerce Children's Center STEM week presentations	2016 - 2019
McCaffrey, Katie and Laura Slivinski	Girls & Science' day at the Denver Museum of Nature and Science (Mar 4)	2017
Morris, Sara	Erie Middle School 6th grade Arctic Presentation, November 2016	2016
Morris, Sara	Erie Middle School 7th/8th grade Arctic Presentation (Sep)	2019
Morris, Sara	NOAA 8th Grade Science Days Global Radiation Presentation (Sep)	2019
Morris, Sara	NOAA Friends and Family Tour Arctic Science on a Sphere Presentation, December 2019	2019
Morris, Sara	Erie Middle School 8th grade MOSAiC Presentation (Mar)	2020
Morris, Sara	Columbine Elementary kindergarten MOSAiC Presentation (Mar)	2020
Morris, Sara	Reach the World/Exploring by the Seat of Your Pants Middle/High School MOSAiC Presentation (May)	2020
Morris, Sara	NOAA 8th Grade Science Days MOSAiC Presentation (Aug)	2020
Morris, Sara	Sons of Norway MOSAiC Presentation (Sep)	2020
Murray, Don	8th Grade Science Day at DSRC (Oct 6 & 11)	2017
Murray, Don	Funtastic Science talk - The Buzz about Bees (and other Pollinators) (Jun)	2020
Newman, Matthew	Interview for article in LA Times about PDO and the "Blob"	2015
Newman, Matthew	Interview for article in Boulder Daily Camera about ENRR	2016

Osborn, Jackson	Presented a professional research poster entitled 'Air Deployable Micro Buoys (ADMB)' and assisted in the NOAA booth during the career fair at the 2018 American Indian Science and Engineering Society (AISES) National Conference, October 4-6 in Oklahoma City, OK.	2018
Osborn, Jackson	University of Colorado Denver's 2018 Indigenous STEM Camp. Presenter of session to promote programming and use of microcontrollers for different applications. The purpose of this 2-day event was for MS/HS Native American students to learn about STEM (Jun 5-6)	2018
Osborn, Jackson	University of Colorado Denver's 2019 Indigenous STEM Camp. Co-presenter of a session entitled 'Indigenous RepRap', which will showcase some 'maker' projects that were produced especially for this session. The purpose of this 3-day event was for MS/HS Native American students to learn about STEM (Jun 4-6)	2019
Osborn, Jackson	American Indian Science and Engineering Society (AISES) National Conference, Milwaukee, WI: Presented a research poster entitled "Turbulent Flux Measurement UAS Payload for Atmospheric Research," participated on the panel "Indigenous Perspectives in STEM: Exciting Careers in Oceanic and Atmospheric Sciences," and helped at the NOAA booth during career fair (Oct 10-12)	2019
Osborn, Jackson	American Indian Science and Engineering Society (AISES) National Conference, Virtual: Presented a research poster entitled "A day in the life of an atmospheric researcher in the Central Arctic" and helped at the NOAA/CIRES booth during career fair (Oct 15-17)	2020
Otto, Bill	Judge for National Ocean Science Bowl, held at the University of Colorado, Boulder (February)	2015
Otto, Bill	Judge for National Ocean Science Bowl, held at the University of Colorado, Boulder (Feb 27)	2016
Otto, Bill	Judge at National Ocean Science Bowl (Trout Bowl), at University of Colorado, Boulder (Feb 18)	2017
Otto, Bill	Judge for the national competition for the National Ocean Science Bowl (NOSB) conducted at the University of Colorado Boulder (Apr 19-22)	2018
Otto, Bill	Judge for the National Ocean Science Bowl at CU Boulder (Feb 2)	2019
Otto, William	Volunteer at the Japanese Garden Denver Botanic Gardens	2015 - 2020
Otto, William and Ola Persson	Regional "Trout Bowl" competition at the National Ocean Science Bowl held at the University of Colorado, Boulder. Otto served as a judge and Persson presented a talk (Feb 8)	2020
Pezoa, Sergio	NOAA Booth at Denver Public Schools 8th Grade Career Day (Nov 2)	2017

Pezoa, Sergio	NOAA Booth at Denver Public Schools 8th Grade Career Day (Nov 2)	2018
Pulwarty, Roger and Robert Webb	For American Indian Sciences and Engineering Society (AISES) National Conference, Denver, Pulwarty panelist for 'Climate Change: The Power of (Indigenous) Knowledge, Webb worked in NOAA Booth (Sep 21-23)	2017
Pulwarty, Roger, Andrea Ray, and Robert Webb	NOAA Tribal Colleges and Universities Science Day, DSRC, Boulder (Sep 20)	2017
Ray, Andrea	Alumni presenter for geosciences career event for University of Chicago undergraduates	2015
Ray, Andrea	Presentation/discussion on water-related topics for two DSRC tour groups interested in the topic (Jul and Aug)	2017
Ray, Andrea	University of Colorado Career Services panel on research outside of traditional academic faculty research (Mar 16th)	2017
Ray, Andrea	Tour and discussions with Logan School (Denver) students interested in climate	2020
Ray, Andrea	SOARS Professional Development Webinar on NOAA Career Pathways, participated in roundtable	2020
Shupe, Matthew	Taught a course for the "Winter school on the observations and modeling of high-latitude and Arctic clouds," a graduate field school program in Hyttiala, Finland (Mar 19-25)	2017
Shupe, Matthew	TEDx presentation and panel discussion and the CU Museum	2018
Shupe, Matthew	Supporting development of MOSAiC informational video for outreach to community via CIRES Outreach department	2019
Shupe, Matthew	Support design and development of MOSAiC web page for public engagement into this Arctic expedition.	2019
Shupe, Matthew	Science on Tap community presentation on MOSAiC. Aug 2019	2019
Shupe, Matthew	Reach the World/Exploring by the Seat of Your Pants Middle/High School MOSAiC Presentation, Oct 2020	2020
Shupe, Matthew	Reach the World/Exploring by the Seat of Your Pants Middle/High School MOSAiC Presentation, Jan 2020	2020
Shupe, Matthew	Boulder High School AP Environmental Studies class panel discussion at DSRC (Feb 10)	2020
Shupe, Matthew	Presentation to the MOSAiC Broader Impacts Network to support and facilitate outreach efforts by institutions affiliated with MOSAiC	2020
Shupe, Matthew	Presentation to Boulder Rotary Club, May 2020	2020
Shupe, Matthew	MOSAiC K-12 curriculum development support. Ongoing in 2020	2020

Shupe, Matthew	MOSAIC Expeditions, Virtual reality experiences for education. Support development and content	2020
Shupe, Matthew	60-part blog (each with multiple entries) on MOSAIC hosted by the American Geophysical Union under its "The Field" section.	2020
Shupe, Matthew	Interagency Arctic Research Policy Committee, Webinar on MOSAIC outreach	2020
Shupe, Matthew	Berlin Futurium - International Arctic Research: United on an Ice Floe. Public discussion about MOSAIC.	2020
Slivinski, Laura	UNAVCO Intern Career Circle Lunch guest speaker (Jul 27)	2018
Slivinski, Laura	Volunteer for the Women in Science and Engineering Science Communication Symposium. (Feb 15)	2019
Slivinski, Laura	Boulder High School AP Environmental Studies class panel discussion at DSRC (Feb 10)	2020
Smith, Cathy	Middle School Science Fair Judge	2015-2017
Smith, Lesley	Judge at Boulder Valley School District Science Fair for the senior and middle levels (Feb 17)	2016
Smith, Lesley	Hosted a discussion forum over three weeks for Adopt-a-Physicist service	2017
Smith, Lesley	NCAR Super Science Saturday (Nov 5)	2017
Smith, Lesley	Q&A panelist for group visiting DSRC from American Physics Society Conference for Undergraduate Women in Physics (Jan 13)	2017
Smith, Lesley	American Physics Society Conference for Undergraduate Women in Physics at the University of Colorado, Boulder: Hosted a table at the Science Cafe Luncheon in the UMC Ballroom: had lunch with 10 students discussing career options related to climate and weather, and spoke with attendees who visited the table (Jan 15)	2017
Smith, Lesley	Judge for 2017 Corden Pharma Colorado Regional Science Fair at the University of Colorado, Boulder (Mar 1)	2017
Smith, Lesley	Judge for the 2017 GLOBE International Virtual Science Symposium. Judged 6 projects: 5 at grade levels 9-12, 1 at grade level 6-8 (May)	2017
Smith, Lesley	Judge at the Corden Pharma Colorado Regional Science Fair at University of Colorado, Boulder. This annual event features high-caliber scientific work from local Boulder Valley middle and high school students (Feb 22)	2018
Smith, Lesley	Judge for the 2018 Global Learning and Observations to Benefit the Environment (GLOBE) International Virtual Science Symposium (Mar 18-24)	2018
Smith, Lesley and Gary Wick	NOAA booth at STEAM (Science Technology Engineering Art and Math) event at Wings Over the Rockies Museum, Denver (Sep 15)	2018

Spencer, Larry	With members of the PSL Workplace Advisory Committee, was instrumental in developing the topic, obtaining the speaker, and supporting the Boulder Labs Diversity Council and the CIRES Diversity and Inclusion Program in presenting "Neurodiversity in Your Workplace." The speaker was Dr. Siva Priya Santhanam who gave an expert view on neurodiversity in the workplace. The event was conducted online. (Jun)	2020
Stefan Tulich	Columbine Elementary Career Day	2017
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Thompson, Elizabeth	Co-led and participated in a guided tour of a research ship for community/university/dignitary groups for outreach purposes in Taiwan related to the the ONR/NOAA Propagation of Intra-Seasonal Tropical OscillationS campaign (PISTON) (Sep)	2019
Utall, Taneil	IARPC Pan-Arctic Measurements	2015
Utall, Taneil	IARPC T-MOSAiC	2018
Utall, Taneil	IARPC - Year of Polar Prediction Verification Plans	2018
Utall, Taneil	Interview: The ICE POD	2020
Utall, Taneil	Video call about MOSAIC for "Reach the World"	2020
White, Allen	Conducted ~two dozen media interviews about the CalWater 2015 field campaign	2015
White, Allen	Presented atmospheric rivers on Science on a Sphere in the NOAA booth at the 2015 AMS Annual Meeting	2015
White, Allen	Conducted training with NWS West Region on West Coast ARO network, WFIP2, CalWater, and CA 21st Century Observing System	2015
White, Allen	Participated as an idea pitcher in the NOAA Shark Tank event held in Boulder	2017
White, Allen	Conducted outreach with Portland, OR Weather Forecast Office on the gap flow and precipitation hazard tool developed by PSL	2017
White, Allen	Contributed to NOAA Story Map on California's epic 2016-2017 winter and highlighted PSL's snow level radar at the base of Oroville Dam	2017
White, Allen	Conducted outreach with ten Weather Forecast Offices in Western and Central Regions about a new snow-level verification product developed by PSL.	2018
Wick, Gary	NOAA presenter at "NASA is with you when you fly: Weather" Educator professional development workshop (Feb 18)	2016
Wick, Gary	NOAA Booth at Hurricane Awareness Tour, Washington National Airport (May 9)	2017

Wick, Gary	NOAA booth at STEAM (Science Technology Engineering Art and Math) event at Wings Over the Rockies Museum, Denver this Saturday (Jul 14)	2019
Wilde, Nick	NOAA Boulder Tour Guide and Science On a Sphere Presenter	2015
Wilde, Nick	NOAA Boulder Tour Guide and Science On a Sphere Presenter	2016
Wolfe, Dan	Weather presentation to the 2nd grade class at Little Elementary School in Arvada CO (Mar 24)	2017
Worsnop, Rochelle	Corden Pharma Colorado Regional Science Fair, judge	2019
Worsnop, Rochelle	Professional Development Seminar at CU Boulder, ATOC department, panelist	2019
Worsnop, Rochelle	NCAR Undergraduate Leadership Workshop, panelist	2020