

# Eric M. Leibensperger

Ithaca College · Department of Physics & Astronomy  
eleibensperger@ithaca.edu · <http://leibensperger.github.io/> · 607-274-5722 (office)

## Education

**Ph.D.** Harvard University, School of Engineering and Applied Sciences, Applied Physics  
2011 Thesis: Interaction of Air Quality and Climate: Consequences of US Emissions Controls  
Advisor: Daniel J. Jacob

**S.M.** Harvard University, School of Engineering and Applied Sciences, Applied Physics  
2007

**B.A.** Ithaca College, Chemistry and Physics  
2005 Magna Cum Laude

## Teaching Experience

### Assistant Professor

Spring 2021  
Spring 2021  
Fall 2020  
Fall 2020

Ithaca College - Department of Physics & Astronomy  
PHYS 360 - Advanced Physics Laboratory  
PHYS/ENVS 147 - Time to Act: The Science & Politics of Climate Change  
PHYS 301 - Mathematical Methods of Physics  
PHYS 305 - Electromagnetism

### Assistant/Associate Professor

Spring 2019  
Spring 2013, 2015, 2017, 2019  
Spring 2014, 2016-2018, 2020  
Fall 2016-2019; Spring 2018  
Fall 2012-2019; Spring 2013-2020  
Fall 2014-2019  
Fall 2012, 2013  
Fall 2012-2015; Spring 2013-2016  
2012-2019

SUNY Plattsburgh - Center for Earth and Environmental Science  
HON 176 - Honors Seminar: War on Science (Gen. Ed.)  
ENV/GEL 406 - Climate Change Science  
ENV 366 - Global Climate Change (Gen. Ed.)  
ENV 206 - Environmental Technology  
ENV/GEL 306 - Atmospheric Processes  
GEL 391 - Physical Oceanography and Limnology  
GEL 291 - Oceanography  
ENV 340 - Environmental Science Seminar  
Research Mentor to a total of 31 Undergraduate Students

### Module Co-author

2014-2017

Carleton College  
Science Education Resource Center (SERC)  
Interdisciplinary Teaching about Earth for a Sustainable Future  
(InTeGrate) module  
"Regulating Carbon Emissions to Mitigate Climate Change"  
with Pinar Batur (Vassar), Robyn Smyth (Bard), Curt Gervich (SUNY  
Plattsburgh), Gautam Sethi (Bard), Sandra Penny (Bard)

### Teaching Fellow

Spring 2008; 2009  
Fall 2008  
Fall 2007

Harvard University  
ES 6 - Environmental Science and Technology (Head TF)  
EPS 208 - Physics of Climate  
EPS 133 - Intro. to Atmospheric Chemistry

### Research Co-Mentor

Summer 2007; 2008

Harvard University  
Summer Research Experience for Undergraduates (REU)

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## Other Positions Held

**Independent Consultant for Model Development**

Summer 2015 - Fall 2016

Harvard University  
School of Engineering and Applied Science

**Postdoctoral Associate**

Spring 2011 - Fall 2012

Massachusetts Institute of Technology  
Department of Earth, Atmospheric and Planetary Science  
Advisor: R. Alan Plumb  
Research Topic: Modeling of stratospheric transport and dynamics

**Graduate Research Assistant**

Fall 2005 - Spring 2011

Harvard University  
School of Engineering and Applied Science  
Advisor: Daniel J. Jacob  
Research Topic: Atmospheric chemistry and climate

**Research Assistant**

Summer 2005

Ithaca College  
Department of Physics  
Advisor: Beth Clark  
Research Topic: Photometric modeling of asteroid Eros 443

**Dana Intern/Undergraduate Researcher**

Summer 2004

Ithaca College  
Department of Physics  
Advisor: Luke Keller  
Research Topic: Composition of protostellar debris disks

**Lewis' Education and Research Collaborative Intern**

Summer 2003

NASA Glenn Research Center  
Advisor: Michael A. Meador  
Research Topic: Synthesis of polyacenes through photoenolization

## Honors and Awards

- |             |   |
|-------------|---|
| 2019        | <b>SUNY Chancellor's Award for Scholarship and Creative Activities</b>    |
| 2018        | <b>Featured Scholar</b> , SUNY Plattsburgh Celebration of Scholarship     |
| 2008 - 2011 | <b>US EPA Science to Achieve Results (EPA-STAR)</b> , Graduate Fellowship |
| 2008        | <b>Harvard University Certificate of Distinction in Teaching</b>          |
| 2005        | <b>Sigma Xi</b> , Scientific Research Society                             |
| 2004        | <b>Dana Internship Award at Ithaca College</b>                            |
| 2004        | <b>Sigma Pi Sigma</b> , Physics Honor Society                             |
| 2002        | <b>Ithaca College First Year Award in Mathematics</b>                     |
| 2001 - 2005 | <b>Grimley Trust Scholarship</b>  |
| 2001 - 2005 | <b>Ithaca College Dean's Scholarship</b>                                  |

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## Funding | \$575,989 external funds (Ithaca/SUNY Plattsburgh portions)

- 2021 - 2023 New York State Energy Research and Development Authority  
"Mobile Laboratory Measurements of Methane, Ethane, and Co pollutants from Landfills, Oil and Gas Systems and Other Sources in New York State"  
Principal Investigator with James Schwab (Albany), Lee Murray (Rochester) and Roisin Commane (Columbia) - **\$63,691** awarded to Ithaca College
- 2020 - 2021 New York State Energy Research and Development Authority  
"Observations in Support of Methane Source Characterization within New York State"  
Principal Investigator - **\$49,913** awarded to Ithaca College
- 2019 - 2021 New York State Energy Research and Development Authority  
"Long-Term Monitoring of Methane within New York State Phase II: Assessing Trends in Sources and Characterizing Hot Spots"  
Principal Investigator with Lee Murray (Rochester) and Roisin Commane (Columbia) - **\$40,585** awarded to Ithaca College/SUNY Plattsburgh
- 2019 - 2020 National Oceanic and Atmospheric Administration Lake Champlain Sea Grant  
"Upwelling in South Main Lake - Identifying Events and Assessing Impacts"  
Principal Investigator with Tom Manley (Middlebury College) - **\$144,406** awarded to SUNY Plattsburgh
- 2017 - 2019 National Science Foundation  
"Collaborative Research: Common Problem Pedagogy (CP<sup>2</sup>)"  
Co-Investigator with Dr. James Liszka (SUNY Plattsburgh), Bruce Mattingly and Steven Broyles (SUNY Cortland), Jan Bowers and Joshua Nollenberg (SUNY Oneonta), and Lorrie Clemo and Fehmi Damkaci (SUNY Oswego) - **\$81,414** awarded to SUNY Plattsburgh
- 2016 - 2019 New York State Energy Research and Development Authority  
"Long-term Monitoring of Methane within New York State: Assessing the Impact of Shifting Energy Portfolios on Regional Air Quality and Climate"  
Principal Investigator with Lee Murray (Rochester) - **\$101,213** awarded to SUNY Plattsburgh
- Summer 2016 Lake Champlain Research Consortium  
"Monitoring Lake Champlain to Assess Future Climate Change Impacts"  
with undergraduate Will Pierce - **\$5,000**
- 2016 - 2018 National Oceanic and Atmospheric Administration Lake Champlain Sea Grant  
"Monitoring Lake Champlain to Assess Future Climate Change Impacts"  
Principal Investigator - **\$66,767** awarded to SUNY Plattsburgh
- 2015 - 2016 Interdisciplinary Teaching about Earth for a Sustainable  
[InTeGrate through the Science Education Resource Center at Carleton College]  
"Geoscience to policy: Regulating carbon emissions to mitigate climate change"  
Co-Principal Investigator with Curt Gervich (CEES), Sandra Penny (Sage), Robyn Smyth and Gautam Sethi (Bard), and Pinar Batur (Vassar) - **\$15,000**
- 2014 SUNY Research Foundation STEM Undergraduate Research Program  
Presidential Research Award - **\$5,000**
- 2013 - 2014 SUNY Research Foundation 4E Network of Excellence  
"Adirondack Air Chemistry and Climate: Developing a Collaborative Partnership"  
Principal Investigator with James Schwab (Albany) and Huiting Mao (SUNY ESF) - **\$3,000**

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## Peer-Reviewed Publications

- Penny, S. M., R. Smyth, G. Sethi, **E. M. Leibensperger**, C. Gervich, and P. Batur (2019) "Multidisciplinary and Topical in the Science Classroom: Regulating Carbon Emissions to Mitigate Climate Change" in *Interdisciplinary Teaching About Earth and the Environment for a Sustainable Future*, Goesselin, D. C., A. E. Egger, and J. Taber (Eds.), Springer.
- Mao, J., A. Carlton, R. C. Cohen, W. H. Brune, J. L. Jimenez, H. O. T. Pye, N. L. Ng, B. McDonald, C. Warneke, J. de Gouw, L. J. Mickley, **E. M. Leibensperger**, R. Mathur, and L. Horowitz (2018) "Southeast Atmosphere Studies: Learning from model-observation syntheses" *Atmos. Chem. Phys.*, 18, 2615-2651, doi:10.5194/acp-18-2615-2018.
- Shen, L., L. J. Mickley, and **E. M. Leibensperger** (2017) "Atlantic Multidecadal Oscillation drives multidecadal variability of summertime surface air quality in the eastern United States" *Geophys. Res. Lett.*, 44, doi:10.1002/2017GL075905.
- Cusworth, D. H., L. J. Mickley, **E. M. Leibensperger**, and M. J. Iacono (2017) "Aerosols as a driver of enhanced U.S. surface solar radiation since the early 21<sup>st</sup> century and resulting hydrological impacts" *Atmos. Chem. Phys.*, 17, 13559-13572, doi:10.5194/acp-17-13559-2017.
- Fiore, A. M., V. Naik, and **E. M. Leibensperger** (2015) "A Summary of the 45<sup>th</sup> A&WMA Critical Review: Air Quality and Climate Connections" *EM Magazine*, June, 32-35.
- Fiore, A. M., V. Naik, and **E. M. Leibensperger** (2015) "Critical Review: Air quality and connections" *J. Air Waste Manage.*, 65(6), 646-685.
- Oswald, E., L.-A. Dupigny Giroux, **E. M. Leibensperger**, R. Poirot, and J. Merrell (2015) "Climate controls on air quality in the Northeastern U.S.: An examination of summertime ozone statistics during 1993-2012" *Atmos. Environ.*, 112, 278-288.
- Leibensperger, E. M.** and R. A. Plumb (2014) "Effective diffusivity in baroclinic flow" *J. Atmos. Sci.*, 71(3), 972-984.
- Barrett, S. R. H., S. H. L. Yim, C. K. Gilmore, L. T. Murray, S. R. Kuhn, A. P. K. Tai, R. M. Yantosca, D. W. Byun, F. Ngan, X. Li, J. Levy, A. Ashok, J. Koo, H. M. Wong, O. Dessens, S. Balasubramanian, G. G. Fleming, C. Wollersheim, R. Malina, M. N. Pearlson, S. Arunachalam, F. S. Binkowski, **E. M. Leibensperger**, D. J. Jacob, J. I. Hileman, and I. A. Waitz (2012) "Public health, climate and economic impacts of desulfurizing jet fuel" *Environ. Sci. Technol.*, 26, 4275-4282.
- Leibensperger, E. M.**, L. J. Mickley, D. J. Jacob, W.-T. Chen, J. H. Seinfeld, A. Nenes, P. J. Adams, D. G. Streets, N. Kumar, and D. Rind (2012) "Climatic effects of 1950-2050 changes in US anthropogenic aerosols - Part 2: Climate response" *Atmos. Chem. Phys.*, 12, 3349-3362.
- Leibensperger, E. M.**, L. J. Mickley, D. J. Jacob, W.-T. Chen, J. H. Seinfeld, A. Nenes, P. J. Adams, D. G. Streets, N. Kumar, and D. Rind (2012) "Climatic effects of 1950-2050 changes in US anthropogenic aerosols - Part 1: Aerosol trends and radiative forcing" *Atmos. Chem. Phys.*, 12, 3333-3348.
- Tai, A. P. K., L. J. Mickley, D. J. Jacob, **E. M. Leibensperger**, L. Zhang, J. A. Fisher, and H.O.T. Pye (2012) "Meteorological modes of variability for fine particulate matter (PM<sub>2.5</sub>) air quality in the United States: Implications for PM<sub>2.5</sub> sensitivity to climate change" *Atmos. Chem. Phys.*, 12, 3131-3145.
- Mickley, L. J., **E. M. Leibensperger**, D. J. Jacob, and D. Rind (2012) "Removal of aerosol optical depths over the United States causes large regional warming in a transient 2010-2050 climate simulation" *Atmos. Environ.*, 46, 545-553.

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- Wang, Q., D. J. Jacob, J. A. Fisher, J. Mao, **E. M. Leibensperger**, C. C. Carouge, P. Le Sager, Y. Kondo, J. L. Jimenez, M. J. Cubison, and S. J. Doherty (2011) "Sources of carbonaceous aerosols and deposited black carbon in the Arctic in winter-spring: Implications for radiative forcing" *Atmos. Chem. Phys.*, 11, 12453-12473.
- Fisher, J. A., D. J. Jacob, Q. Wang, R. Bahreini, C. C. Carouge, M. J. Cubison, J. E. Dibb, T. Diehl, J. L. Jimenez, **E. M. Leibensperger**, M. B. J. Meinders, H. O. T. Pye, P. K. Quinn, S. Sharma, A. van Donkelaar, and R. M. Yantosca (2011) "Sources, distribution, and acidity of sulfate-ammonium aerosol in the Arctic in winter-spring" *Atmos. Environ.*, 45, 7301-7318.
- Murphy, D. M., J. C. Chow, **E. M. Leibensperger**, W. C. Malm, C. McDade, M. Pitchford, B. A. Schichtel, J. G. Watson, W. H. White (2011) "Decreases in elemental carbon and fine particle mass in the United States" *Atmos. Chem. Phys.*, 11, 4679-4686.
- Leibensperger, E. M.**, L. J. Mickley, D. J. Jacob, and S. R. H. Barrett (2011) "Intercontinental influence of NO<sub>x</sub> and CO emissions on particulate matter air quality" *Atmos. Environ.*, 45, 3318-3324.
- Kopacz, M., D. L. Mauzerall, J. Wang, **E. M. Leibensperger**, D. K. Henze, and K. Singh (2011) "Origin and radiative forcing of black carbon transported to the Himalayas and Tibetan Plateau" *Atmos. Chem. Phys.*, 11, 2837-2852.
- Leibensperger, E. M.**, L. J. Mickley, and D. J. Jacob (2008) "Sensitivity of US air quality to mid-latitude cyclone frequency and implications of 1980-2006 climate change" *Atmos. Chem. Phys.*, 8, 7075-7086.
- Wu, S., L. J. Mickley, **E. M. Leibensperger**, D. J. Jacob, D. Rind, D. G. Streets (2008) "Effects of 2000-2050 global change on ozone air quality in the United States" *J. Geophys. Res.*, 113, D06302, doi: 10.1029/2007JD008917.
- Hudman, R. C., D. J. Jacob, S. Turquety, **E. M. Leibensperger**, L. T. Murray, S. Wu, A.B. Gilliland, M. Avery, T. H. Bertram, W. Brune, R. C. Cohen, J. E. Dibb, F. M. Flocke, A. Fried, J. Holloway, J. A. Neuman, R. Orville, A. Perring, X. Ren, G. W. Sachse, H. B. Singh, A. Swanson, and P. J. Wooldridge (2007) "Surface and lightning sources of nitrogen oxides over the United States: magnitudes, chemical evolution, and outflow" *J. Geophys. Res.*, 112, D12S05, doi: 10.1029/2006JD007912.
- Chen, C. H., B. A. Sargent, C. Bohac, K. H. Kim, **E. Leibensperger**, M. Jura, J. Najita, W. J. Forrest, D. M. Watson, G. C. Sloan, and L. D. Keller (2006) "Spitzer IRS Spectroscopy of IRAS-Discovered Debris Disks" *Astrophys. J. Suppl. S.*, 166, 351-377.
- Sloan, G. C., L. D. Keller, W. J. Forrest, **E. Leibensperger**, B. Sargent, A. Li, J. Najita, D. M. Watson, B. R. Brandl, C. H. Chen, J. D. Green, F. Markwick-Kemper, T. L. Herter, P. D'Alessio, P. W. Morris, D. J. Barry, P. Hall, P. C. Meyers, and J. Houck (2005) "Mid-Infrared Spectra of Polycyclic Aromatic Hydrocarbon Emission in Herbig Ae/Be Stars" *Astrophys. J.*, 632, 956-963.

## Select Presentations

- |                                 |   |
|---------------------------------|---|
| July 23, 2019<br>Wilmington, NY | <b>Climate change in the Adirondacks: Observed change and emissions monitoring</b><br>Falconer Lecture Series at Whiteface Mountain Field Station |
| May 9, 2019<br>Plattsburgh, NY  | <b>Climate change in the Adirondacks</b><br>CEES Student Research Symposium ( <i>undergraduate Alexandria Elliot</i> )                            |

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- May 9, 2019  
Plattsburgh, NY **Analysis of simulated methane concentrations at various locations in New York State**  
CEES Student Research Symposium (*undergraduate Joseph Judge*)
- May 9, 2019  
Plattsburgh, NY **Seasonality of climate change**  
CEES Student Research Symposium (*undergraduate Fuji Maneesai*)
- May 9, 2019  
Plattsburgh, NY **Weather and air quality in New York State: Late 2018 pollution event**  
CEES Student Research Symposium (*undergraduate Inna Slager*)
- May 9, 2019  
Plattsburgh, NY **Covariation of air pollutants at Whiteface Mountain**  
CEES Student Research Symposium (*undergraduate Shafik Vadsirya*)
- Oct. 27, 2018  
Silver Bay, NY **Climate change in the Adirondacks: Causes, Impacts, Projections**  
North Country Climate Reality Conference (*undergraduate Alexandria Elliott*)
- Jan. 8, 2018  
Burlington, VT **Climate change and intraseasonal variability in Lake Champlain**  
L. Champlain Research Conference (*presented by Mark Malchoff*)
- Jan. 8, 2018  
Burlington, VT **Development of a Lake Champlain Anglers' Temperature Database**  
L. Champlain Research Conference (*undergraduate Joseph Judge*)
- Nov. 11, 2018  
Durham, NC **Regional climate change: Detection, attribution, prediction**  
Duke University
- May 3, 2017  
Plattsburgh, NY **Observed and projected temperature change in Lake Champlain**  
CEES Student Research Symposium (*undergraduate Vasu Govani*)
- May 3, 2017  
Plattsburgh, NY **Calculating the carbon flux within Lake Champlain**  
CEES Student Research Symposium (*undergraduate Grace DeSantis*)
- Dec. 13, 2016  
San Francisco, CA **Assessing climate change within Lake Champlain (NY, VT, QC)**  
American Geophysical Union Fall Meeting
- May 5, 2016  
Plattsburgh, NY **Climate change in Lake Champlain: Modeling future warming**  
CEES Student Research Symposium (*undergraduates Conor McCormick and Nicholas Campagna*)
- May 5, 2016  
Plattsburgh, NY **How well can we model the Ice Storm of 1998? Assessing the accuracy of cloud microphysics schemes**  
CEES Student Research Symposium (*undergraduate student David Bubbins*)
- June 9, 2015  
Princeton, NJ **Anthropogenic aerosols and the evolution of 20th century U.S. climate**  
Southeast Atmosphere Studies Workshop, NOAA GFDL/Princeton University
- May 7, 2015  
Plattsburgh, NY **Modeling thermal structure of a small Adirondack lake**  
CEES Student Research Symposium (*graduate student Sarah Glancy*)
- May 7, 2015  
Plattsburgh, NY **Chemical composition of Adirondack snow**  
CEES Student Research Symposium (*undergraduates Casey Corrigan and Neil Sedlak*)
- April 14, 2015  
Montreal, QC **Does air pollution impact U.S. drought?**  
Department of Atmospheric and Oceanic Science, McGill University

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- Dec 19, 2014  
San Francisco, CA **Anthropogenic aerosols and the evolution of U.S. droughts**  
American Geophysical Union Fall Meeting
- Dec. 5, 2014  
Palisades, NY **Does air pollution impact drought? Influence of sulfate and BC on U.S. climate**  
Lamont-Doherty Earth Observatory, Columbia University
- Sep. 26, 2014  
Plattsburgh, NY **Anthropogenic aerosols and the dust bowl**  
NYS Section of the American Physical Society (*undergraduate Evan Cazavilan*)
- Sep. 26, 2014  
Plattsburgh, NY **Speak for the trees: What can be learned from Champlain Valley tree core data**  
New York State Section of the American Physical Society (*undergraduate Ryan Revette*)
- March 27, 2012  
Ithaca, NY **Connecting US air pollution to international air quality and climate change**  
Department of Chemistry, Ithaca College
- October 6, 2011  
New York, NY **Interactions between air quality and climate**  
SEAS Colloquium in Climate Science, Columbia University
- Sep.12, 2011  
Cambridge, MA **Climate effects of US anthropogenic aerosols**  
Atmospheric Science Seminar Series, MIT
- June 10, 2011  
Cambridge, MA **Interactions between US air quality and climate**  
Joint Program on the Science and Policy of Global Change, MIT
- May 3, 2011  
Cambridge, MA **Climate effects of US aerosol sources: aerosol trends, radiative forcing, and climate response**  
5th International GEOS-Chem Meeting, Harvard University
- July 11, 2010  
Halifax, NS **Climate response to 1950-2050 US aerosol trends**  
ICACGP/IGAC
- March 31, 2010  
Princeton, NJ **Climate response to changing US aerosol sources**  
NOAA GFDL
- Feb. 12, 2010  
New York, NY **Climate response to changing US aerosol sources**  
NASA GISS
- Dec. 19, 2008  
San Francisco, CA **Regional climate response to US aerosol sources**  
American Geophysical Union Fall Meeting
- Feb. 21, 2007  
Research  
Triangle Park, NC **Air quality degradation due to greenhouse warming decreasing the frequency of mid latitude cyclones**  
EPA Workshop on Consequences of Global Change for Air Quality

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## Professional Activities

### Academic Peer Reviewer

Journals Atmospheric Chemistry and Physics, Atmos. Environ., Climate Dynamics, Climate Research, Climatic Change, Current Pollution Reports (editorial board), Environmental Research Letters, Environmental Science & Technology, Geo. Res. Lett., Journal of Climate, Journal of Geophysical Research - Atmosphere, Nature Geoscience, PNAS, Scientific Reports

Grant Agencies NASA, NOAA, U.K. Natural Environment Research Council

### Professional Memberships

American Geophysical Union, American Meteorological Society (full member), American Physical Society, Clinton County Environmental Health & Safety Professional Advisory Committee

### Outreach

Scientific Reviewer 2012 - present Raymond Johnson's climate change column in the Plattsburgh *Press Republican*

Presenter 2019 Falconer Lecture Series at Whiteface Mountain ASRC Lodge  
"Climate change in the Adirondacks: Observed change and emissions monitoring"

Presenter 2019 Lake Champlain Basin Program Executive Committee,  
"SUNY Plattsburgh data buoys and climate change in Lake Champlain"

Panelist 2019 Mountain Lake PBS Climate Change Forum (recorded and aired)

Media Expert 2019 North Country Public Radio (NPR), Glens Falls Post Star, and Adirondack Daily Enterprise

Presenter 2018 North Country Climate Reality Conference  
"Climate change in the Adirondacks" with undergraduate student Alexandria Elliot

Presenter 2017 Lake Champlain United Anglers meeting  
"Temperatures in Lake Champlain: Can climate research be of use to anglers?"

Judge 2013-2017 Champlain Valley Regional Science Fair

Presenter 2016 Science@30City  
"Climate Change: What's Left to Argue?"

Presenter 2016 CEES Fridays in the Center Series  
"Climate Change is no April Fools' Joke"

Presenter 2016 SUNY Plattsburgh College Council  
"Overview of Lake Champlain Research"



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Presenter 2016	Plattsburgh Rotary Club "Overview of Lake Champlain Research"
Panelist 2015	SUNY Plattsburgh Honors Center National Issues Forum on Climate Change
Co-organizer 2015	SUNY Plattsburgh's contribution to SUNY-wide forum on extreme weather and climate change (included on-campus events open to public)
Scientific Reviewer 2013 - 2016	Climate Literacy and Energy Awareness Network (CLEAN)
Co-organizer 2014	SUNY Plattsburgh 50th Anniversary of the Wilderness Act Celebration
Presenter 2014	Earth and Environmental Science Club Lecture Series "Air!"
Presenter 2013	Environmental Action Committee Earth Week "Super Storms!"
Lecturer 2012	Northeast States for Coordinated Air Use Management "Short-lived climate forcers"
Lecturer 2012	Northeast States for Coordinated Air Use Management "Short-lived climate forcers"

## University Service

Chair Fall 2019 - present	Water Quality Faculty Search Committee
Member Fall 2015 - present	Feinberg Library Undergraduate Research Award Committee
Ph.D. Committee Fall 2015 - present	Ying Zhou (SUNY-ESF)
Associate Fall 2012 - present	Lake Champlain Research Institute
Chair Fall 2017 - Spring 2019	Soil Science Faculty Search Committee
Faculty Senator Fall 2015 - Spring 2019	SUNY Plattsburgh
Chair Spring 2017	Water Quality Modeling, Geology, Soil Science Faculty Search Committee (3 positions)
Member	Aquatic and Terrestrial Ecologist Faculty Search Committee

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Fall 2016 - Spring 2017

Member                    CEES Curriculum Committee  
Fall 2012 - Spring 2017

Member                    Wetland/Forest Ecologist Faculty Search Committee  
Spring 2016

CEES Rep.                Freshman Orientation  
Summer 2015; 2016

Panelist                  Honors Center National Issues Forum on Climate Change  
Spring 2015

Presenter,                Museum Docents Meeting, Wilderness Act and the Adirondack Art Walk  
Spring 2015

Co-organizer            SUNY-wide extreme weather and climate change forum  
Fall 2014 - Spring 2015

Co-planner              New York State Section of the American Physical Society Topical Meeting  
Summer 2014

Co-organizer            SUNY Plattsburgh 50th Anniversary of the Wilderness Act Celebration  
Summer 2014

Co-developer            Environmental Physical Science major  
Spring - Fall 2014)

Member,                  Center for Earth and Environmental Science Director Nomination Committee  
Fall 2013

Participant              SUNY Distance Mentored Undergraduate Research  
Fall 2012 - Spring 2013

Member                    Forest/Field Ecologist Faculty Search Committee  
Fall 2012 - Spring 2013