YI MING

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Education

Ph.D. in Civil and Environmental Engineering, **Princeton University** 2003
Certificate in Science and Environmental Policy
Woodrow Wilson School of Public and International Affairs, **Princeton University** 2003
B.E. in Chemical Engineering (with a **second B.E.** in Environmental Engineering)
Tsinghua University, Beijing, China 1998

Employment

Head of Atmospheric Physics and Climate Group (10/12-Present), **Physical Scientist** (11/10-Present), **Project Scientist II** (8/05-10/10), **Visiting Scientist** (10/03-07/05), Geophysical Fluid Dynamics Laboratory/NOAA
Lecturer, Program in Atmospheric and Oceanic Sciences (AOS), Department of Geosciences, Princeton University 7/13-Present
Postdoctoral Researcher, Department of Chemistry, University of Delaware 11/02-9/03
Research Assistant, Atmospheric Aerosol Group, Princeton University 09/98-10/02

Honors

American Meteorological Society (AMS) Henry G. Houghton Award 09/14
Department of Commerce Group Gold Medal for Scientific Achievement 10/12
World Meteorological Organization (WMO) Norbert Gerbier-MUMM International Award 7/12
Presidential Early Career Award for Scientist and Engineers (PECASE) - "*The highest honor bestowed by the U.S. government on outstanding scientists and engineers beginning their independent careers*" 12/08
National Science Foundation (NSF) Science Policy Fellowship 9/00-6/03
First-Grade Prize, National Challenge Cup Science and Technology Competition for College Students 5/97

Professional Experience

Review Panelist, NOAA/Atmospheric Composition and Climate (ACC), DOE/Regional and Global Climate Modeling Program, DOE/Atmospheric Science Research (ASR) Program, Lawrence Berkeley National Laboratory (LBNL) Climate Science Focus Area Review, Pacific Northwest National Laboratory (PNNL) Climate Science Focus Area Review, SciDAC, NASA/ Atmospheric Composition Modeling and Analysis Program (ACMAP), Romanian National Research Council (declined)
Grant Reviewer, European Research Council, DOE/Atmospheric Science Program (ASP), Atmospheric Radiation Measurement (ARM), Atmospheric System Research (ASR), National Science Foundation (NSF), Canadian Foundation for Climate and Atmospheric Sciences (CFCAS), Israel Science Foundation (ISF), Research Council of Norway

Tenure/Promotion Reviewer for a number of universities and institutes
Journal Reviewer for *Nature, Nature Geoscience, Nature Climate Change, Science, Proceedings of the National Academy of Sciences, Journal of Geophysical Research – Atmosphere，Geophysical Research Letters, Atmospheric Chemistry and Physics, Tellus, Journal of Atmospheric Sciences, Journal of Climate, Climate Dynamics, Atmospheric Research, Atmospheric Environment, Journal of Applied Meteorology and Climatology, International Journal of Climatology, Theoretical and Applied Meteorology, Environmental Research Letters*.
Co-convener, 2014 2015 AGU Fall Meeting, 2013 AOGS-AGU (WPGM) Joint Assembly, 2016 AMS Annual Meeting
Session Chair, 2012 2013 AMS Annual Meeting, 2012 AMS Annual Meeting, 2012 EGU General Assembly
Participant, American Meteorological Society (AMS) Summer Policy Colloquium
Steering Committee, Model Development Team (MDT) of GFDL/CM4, Geophysical Fluid Dynamics Laboratory
Core Member, Global Atmospheric Model Development Team (GAMDT) of GFDL/CM3, Geophysical Fluid Dynamics Laboratory
Member, AeroCom working group of aerosol-climate simulation
Member, AeroCom working group of indirect effects
Member, Committee on cloud, chemical and climate interactions, Atmospheric Chemistry and Climate (AC&C) Initiative, WCRP/IGBP
Member, GFDL Award Nomination Committee
Vice President, GFDL Employee Association (GFDLEA)

Teaching Experience

Lecturer, AOS 527 Atmospheric Radiative Transfer, Atmospheric and Oceanic Sciences (AOS) Program, Princeton University
Lecturer, GEO 503 Responsible Conduct of Research in Geosciences, Department of Geosciences, Princeton University
Lecturer, AOS 580 Special Topics: Aerosol, Climate and Climate Change, Atmospheric and Oceanic Sciences (AOS) Program, Princeton University

Peer-reviewed Publications

*First-authored by students or postdocs supervised

1. **Ming, Y.**, and L.M. Russell, 2001: Predicted Hygroscopic Growth of Sea Salt Aerosol. *Journal of Geophysical Research -Atmosphere*, 106, 28259-28274.
2. Prenni, A.J., P.J. DeMott, S.M. Kreidenweis, D.E. Sherman, L.M. Russell and **Y. Ming**, 2001: The Effect of Low Molecular Weight Dicarboxylic Acids on Cloud Formation, *Journal of Physical Chemistry A*, 105, 11240-11248.
3. **Ming, Y.**, and L.M. Russell, 2002: Thermodynamic Equilibrium of Aqueous Solutions of Organic-Electrolyte Mixtures in Aerosol Particles. *AIChE Journal,* 48, 1331.
4. Russell, L.M., and **Y. Ming**, 2002: Deliquescence of Small Particles, *Journal of Chemical Physics*, 116, 311-321.
5. **Ming, Y.**, and L.M. Russell, 2004: Organic Aerosol Effects on Fog Droplet Spectra, *Journal of Geophysical Research –Atmosphere,* 109, 10.1029/2003JD004427.

6. **Ming, Y.**, G. Lai, C. Tong, R.W. Wood, and D.J. Doren, 2004: Free Energy Perturbation Study of Water Dimer Dissociation Kinetics, *Journal of Chemical Physics,* 121, 773-777.
7. **Ming, Y.**, L.M. Russell, and D.F. Bradford, 2005: Health and Climate Policy Impacts on Sulfur Emission Control, *Review of Geophysics,* 43, doi:10.1029/2004RG000167.
8. **Ming, Y.**, V. Ramaswamy, P.A. Ginoux and L.W. Horowitz, 2005: Geophysical Fluid Dynamics Laboratory General Circulation Model Investigation of the Indirect Radiative Effects of Anthropogenic Sulfate Aerosol, *Journal of Geophysical Research - Atmosphere,* 110, doi:10.1029/2005JD006161.
9. **Ming, Y.**, V. Ramaswamy, P.A. Ginoux and L.W. Horowitz, 2005: Direct Raditive Forcing of Anthropogenic Organic Aerosols, *Journal of Geophysical Research - Atmosphere,* 110, doi:10.1029/2004JD005573.
10. **Ming, Y.**, V. Ramasway, L.J. Donner, and V.T.J. Phillips, 2006: A New Parameterization of Cloud Droplet Activation Applicable to General Circulation Models, *Journal of the Atmospheric Sciences,* 63, 1348-1356.
11. **Ming, Y.**, V. Ramaswamy, L.J. Donner, V.T.J. Phillips, S.A. Klein, P.A. Ginoux, and L.W. Horowitz, 2007: Modeling the Interactions between Aerosols and Liquid Water Clouds with a Self-consistent Cloud Scheme in a General Circulation Model, *Journal of the Atmospheric Sciences,* 64, 1189-1209.
12. Lee, S. S., L. J. Donner, V. T. J. Phillips, and **Y. Ming**, 2008: Examination of aerosol effects on precipitation in deep convective clouds during the 1997 ARM summer experiment. *Quarterly Journal of the Royal Meteorological Society*, 134, 1201-1220.
13. Lee, S.S., L.J. Donner, V.T.J. Phillips, and **Y. Ming**, 2008: The dependence of aerosol effects on clouds and precipitation on cloud-system organization, shear and stability. *Journal of Geophysical Research*, 113, doi:10.1029/2007JD009224.
14. **Ming, Y.**, and V. Ramaswamy, 2009: Nonlinear Climate and Hydrological Responses to Aerosol Effects. *Journal of Climate*, 22, 1329-1339.
15. Magi, B. I., P. A. Ginoux, V. Ramaswamy, and **Y. Ming**, 2009: Evaluation of Tropical and Extratropical Southern Hemisphere African Aerosol Properties Simulated by a Climate Model. *Journal of Geophysical Research – Atmosphere*, 114, doi:10.1029/2008JD011128.
16. Quaas, J., **Y. Ming**, and coauthors, 2009: Aerosol Indirect Effects – General Circulation Model Intercomparison and Evaluation with Satellite Data. *Atmospheric Chemistry and Physics*, 9, 8697-8717.
17. **Ming, Y.**, V. Ramaswamy, and G. Persad, 2010: Two Opposing Effects of Absorbing Aerosols on Global-mean Precipitation. *Geophysical Research Letters*, 37, doi:10.1029/2010GL042895.
18. Salzmann, M, **Y. Ming,** J.-C. Golaz, P.A. Ginoux, H. Morrison, A. Gettelman, M. Krämer, and L.J. Donner, 2010: Two-moment Bulk Stratiform Cloud Microphysics in the GFDL AM3 GCM: Description, Evaluation, and Sensitivity Tests. *Atmospheric Chemistry and Physics*, 10, 8037-8064.
19. Shindell, D., M. Schulz, **Y. Ming,** T. Takemura, G. Faluvegi, and V. Ramaswamy, 2010: Spatial Scales of Climate Response to Inhomogeneous Radiative Forcing. *Journal of Geophysical Research – Atmosphere*, 115, doi:10.1029/2010JD014108.

20. Chen, G., **Y. Ming**, N. Singer, and J. Lu, 2010: Aerosol-induced Changes in Mean and Extreme Precipitation. *Geophysical Research Letters*, 38, doi:10.1029/2010GL046435.
21. Donner, L.J., B. Wyman, R.S. Hemler, L.W. Horowitz, **Y. Ming**, and coauthors, 2010: The Dynamical Core, Physical Parameterizations, and Basic Simulation Characteristics of the Atmospheric Component of the GFDL Global Coupled Model CM3. *Journal of Climate*, 24, doi:10.1175/2011JCLI3955.1.
22. Golaz, J.-C., M. Salzmann, L.J. Donner, L.W. Horowitz, **Y. Ming**, and M. Zhao, 2010: Sensitivity of the Aerosol Indirect Effect to Subgrid Variability in the Cloud Parameterization of the GFDL Atmosphere General Circulation Model AM3. *Journal of Climate*, 24, doi:10.1175/2010JCLI3945.1.
23. **Ming, Y.**, and V. Ramaswamy, 2011: A Model Investigation of Aerosol-induced Changes in Tropical Circulation. *Journal of Climate*, doi:10.1175/2011JCLI4108.1.
24. **Ming, Y.**, V. Ramaswamy, and G. Chen, 2011: A Model Investigation of Aerosol-induced Changes in Boreal Winter Extratropical Circulation. *Journal of Climate*, doi:10.1175/2011JCLI4111.1.
25. Ghan, S.J., H. Abdul-Razzak, **Y. Ming**, X. Liu, M. Ovchinnikov, A. Nenes, N. Meskhidze, J. Xu, and X. Shi, 2011: Droplet Nucleation: Physically-Based Parameterization and Validation. *Journal of Advances in Modeling Earth Systems*, doi:10.1029/2011MS000074.
26. Bollasina*, M.A., **Y. Ming**, and V. Ramaswamy, 2011: Anthropogenic Aerosols and the Weakening of the South Asian Monsoon. *Science*, doi:10.1126/science.1204994.
27. Persad*, G., **Y. Ming**, and V. Ramaswamy, 2012: Tropical Tropospheric-only Responses to Absorbing Aerosols. *Journal of Climate*, 25(7), doi:10.1175/JCLI-D-11-00122.1.
28. Bollasina*, M.A., and **Y. Ming**, 2012: Precipitation Bias over the Western Indian Ocean in an Atmospheric GCM: Role of the Meridional SST Gradient. *Climate Dynamics*, doi:10.1007/s00382-012-1347-7.
29. Hill*, S., and **Y. Ming**, 2012: Nonlinear climate response to regional brightening of tropical marine stratocumulus. *Geophysical Research Letters*, doi:10.1029/2012GL052064.
30. Zhou, C., J. E. Penner, **Y. Ming**, and X. Huang, 2012: Aerosol Forcing Based on CAM5 and AM3 Meteorological Fields. *Atmospheric Chemistry and Physics Discussion,* 12, 10679-10727, doi:10.5194/acpd-12-10679-2012.
31. Huang, X., H. Chuang, A. Dessler, X. Chen, K. Minschwaner, V. Ramaswamy, and **Y. Ming**, 2012: A radiative-convective equilibrium perspective of the weakening of tropical Walker circulation in response to global warming. *Journal of Climate*, doi:10.1175/JCLI-D-12-00288.1.
32. Ocko, I., V. Ramaswamy, P. Ginoux, **Y. Ming**, and L. Horowitz, 2012: Sensitivity of the aerosol direct radiative forcing balance to physical climate factors. *Journal of Geophysical Research*, 117, doi:10.1029/2012JD018019.
33. **Ming, Y.**, and V. Ramaswamy, 2012: Nonlocal component of radiative flux perturbation. *Geophysical Research Letters*, 39, doi:1029/2012GL054050.
34. S. Fan, J. P. Schwarz, J. Liu, D.W. Fahey, P. Ginoux, L. W. Horowitz, H. Levy II, **Y. Ming**, J. R. Spackman, 2012: Inferring ice formation processes from global-scale black carbon profiles observed in the remote atmosphere and model simulations.

Journal of Geophysical Research, 117, doi:10.1029/2012JD018126..
35. Bollasina*, M.A., and **Y. Ming**, 2012: The role of land-surface processes in modulating the Indian monsoon annual cycle. *Climate Dynamics*, doi:10.1007/s00382-012-1634-3.
36. Lin, Y., M. Zhao, V. Ramaswamy, **Y. Ming**, J.-C. Golaz, L.J. Donner, S.A. Klein, S. Xie, and M. Deng, 2013: Impact of cumulus and cloudiness parameterization on Tropical cloud, radiation and precipitation in GFDL AM2. *Journal of Climate*, doi:10.1175/JCLI-D-12-00442.1.
37. Levy II, H., L.W. Horowitz, M.D. Schwarzkopf, **Y. Ming**, J.-C Golaz, V. Naik, and V. Ramaswamy, 2013: The Roles of Aerosol Effects, both Direct and Indirect, in Past and Future Climate Change. *Journal of Geophysical Research*, doi:10.1002/jgrd.50192.
38. Zhang, R., T.L. Delworth, R. Sutton, D.L.R. Hodson, K.W. Dixon, I.M. Held, Y. Kushnir, J. Marshall, Y. Ming, and coauthors, 2013: Have Aerosols Caused the Observed Atlantic Multidecadal Variability? *Journal of Atmospheric Sciences*, doi:10.1175/JAS-D-12-0331.1.
39. Lin, Y., M. Zhao, **Y. Ming**, J.-C. Golaz, L.J. Donner, S.A. Klein, V. Ramaswamy, and S. Xie, 2013: Precipitation Partitioning, Tropical Clouds and Intraseasonal Variability in GFDL AM2. *Journal of Climate*, 26(15), doi:10.1175/JCLI-D-12-00442.1.
40. Huang, X., H. Chuang, **Y. Ming**, and G.L. Potter, 2013: A Constraint for Ice Cloud Feedback over the Tropical Pacific in Future Climate Change. Submitted to *Nature Climate Change*.
41. Bollasina*, M.A., **Y. Ming**, and V. Ramaswamy, 2013: Earlier onset of the Indian Monsoon in the late 20th century: The role of anthropogenic aerosols. *Geophysical Research Letter*, doi: 10.1002/grl.50719.
42. **Ming, Y.**, 2013: Inferring aerosol forcing from surface temperature record. Submitted to *Geophysical Research Letters*.
43. Bollasina*, M.A., **Y. Ming**, V. Ramaswamy, D. Schwarzkopf, and V. Naik, 2013: Contribution of Local and Remote Anthropogenic Aerosols to the 20th Century Weakening of the South Asian Monsoon. *Geophysical Research Letters*, in press.
44. Hill*, S., **Y. Ming**, and I.M. Held, 2014: Mechanisms of forced tropical meridional energy flux change. *Journal of Climate*, doi:10.1175/JCLI-D-14-00165.1.
45. Persad*, G., **Y. Ming**, and V. Ramaswamy, 2014: The Role of Aerosol Absorption in Driving Solar Dimming. *Journal of Geophysical Research*, 27(14), doi:10.1175/JCLI-D-13-00401.1.
46. Brown, P.T., L. Li, W. Li and **Y. Ming**, 2014: Unforced Top-of-Atmosphere Net Radiation Variability and its Relationship with Global Mean Surface Temperature, *Geophysical Research Letter*, 41(14), doi:10.1002/2014GL060625.
47. Ocko, I., V. Ramaswamy, **Y. Ming**, 2013: Contrasting climate responses to the scattering and absorbing features of anthropogenic aerosol forcings. *Journal of Climate*, 27(14), doi:10.1175/JCLI-D-13-00401.1.
48. Ban-Weiss, G.A., L. Jin, S. Bauer, R. Bennartz, X. Liu, K. Zhang, **Y. Ming** and J. Jiang, 2014: Evaluating clouds, aerosols, and their interactions in three global climate models using COSP and satellite observations, *Journal of Geophysical Research*, 119(18), doi:10.1002/2014JD021722.

49. Rotstayn, L.D., E.L. Plymin, M.A. Collier, J.-J. Luo, O. Boucher, J.-L. Dufresne, M.-A. Foujols, L.W. Horowitz, S.J. Jeffrey, **Y. Ming** and K. von Salzen, 2014, Declining aerosols in CMIP5 projections: effects on atmospheric temperature structure and midlatitude jets, *Journal of Climate*, 27(18), doi:10.1175/JCLI-D-14-00258.1.
50. Lin*, P., **Y. Ming** and V. Ramaswamy, 2015: Tropical climate change control of the lower stratospheric circulation, *Geophysical Research Letter*, 42(3), doi:10.1002/2014GL062823.
51. Zhao, M., J.-C. Golaz, I.M. Held, V. Ramaswamy, S.-J. Lin, **Y. Ming**, P.A. Ginoux, B. Wyman, L.J. Donner, D.J. Paynter, and H. Guo, 2015: Uncertainty in model climate sensitivity traced to representations of cumulus precipitation microphysics, *Journal of Climate*, doi:10.1175/JCLI-D-15-0191.1.
52. Persad*, G., **Y. Ming**, and V. Ramaswamy, 2015: Spatially similar surface energy flux perturbations by greenhouse gases and aerosols, *Nature Communications*, in review.
53. Hill*, S., **Y. Ming**, and I.M. Held, 2015: Stability and cloud influences on Sahel rainfall response to uniform warming. To be submitted to *Proceedings of the National Academy of Sciences*.

Assessment Report

Contributing author, *Climate Projections Based on Emissions Scenarios for Long-Lived and Short-Lived Radiatively Active Gases and Aerosols*. A Report by the U.S. Climate Change Science Program and the Subcommittee on Global Change Research. H. Levy II, D.T. Shindell, A. Gilliland, M.D. Schwarzkopf, L.W. Horowitz, (eds.). Department of Commerce, NOAA's National Climatic Data Center, Washington, D.C., USA.

Book Chapter

Aerosols. The Encyclopedia of Climate and Weather 2nd Edition. S.H. Schneider, (eds.). University of Oxford Press, New York, N.Y., USA.

Lectures, Seminars and Conference Presentations

*Invited
*Department of Chemistry, University of Crete, Tsinghua University (09/15)
*School of Atmospheric Science, Nanjing University (09/15)
*Workshop on "Annual cycle of monsoons and ICTZs in the Holocene and the future", Columbia University (09/15)
*Workshop on "Monsoon: past, present and future", California Institute of Technology (05/15)
*Department of Applied Physics and Applied Mathematics, Columbia University (03/15)
AMS Annual Meeting, Phoenix (01/15)
AGU Fall Meeting, San Francisco (12/14)
*Department of Earth, Atmospheric and Planetary Sciences, Massachusetts Institute of Technology (10/14)
*Institute of Geographic Sciences and Natural Resources Research, Chinese Academy of Science (08/14)
*Department of Hydraulic Engineering, Tsinghua University (08/14)
*College of Atmospheric Sciences, Lanzhou University (08/14)

*College of Global Change and Earth System Science, Beijing Normal University (08/14)
*First Institute of Oceanography, State Oceanic Administration, Qingdao (08/14)
*National Climate Center, China Meteorological Administration, Beijing (07/14)
*Institute of Atmospheric Physics, Chinese Academy of Science (07/14)
*Department of Atmospheric and Oceanic Science, Peking University (07/14)
*Center for Earth System Science, Tsinghua University (07/14)
*Institute for Atmospheric and Climate Science, ETH Zurich (05/14)
*EGU General Assembly, Vienna, Austria (04/14)
*Department of Atmospheric Sciences, The Hebrew University of Jerusalem (03/14)
*Department of Atmospheric Sciences, Texas A&M University (02/14)
*Department of Geological Sciences, University of Texas at Austin (02/14)
AMS Annual Meeting, Atlanta (02/14)
AGU Fall Meeting, San Francisco (12/13)
*Institute of Meteorology, University of Leipzig (10/13)
*Center of Excellence for Climate System Science, Australian National University and University of New South Wales (08/13)
Gordon Research Conference on Radiation and Climate (07/13)
*AGU Meeting of the Americans, Cancun, Mexico (5/13)
*Department of Global Ecology, Carnegie Institute, Stanford University (04/13)
AMS Annual Meeting, New Orleans (01/13)
AGU Fall Meeting, San Francisco (12/12)
*Climate Modeling Workshop, Hong Kong University of Science and Technology and Xi'an Jiaotong University (11/12)
*Department of Atmospheric and Oceanic Science, University of Maryland (08/12)
*AOGS-AGU (WPGM) Joint Assembly, Singapore (08/12)
*Division of Environment, Hong Kong University of Science and Technology (08/12)
*Department of Atmospheric and Oceanic Sciences, University of McGill (07/12)
*GFDL Summer School on Atmospheric Modeling (07/12)
*EGU General Assembly, Vienna, Austria (04/12)
*Jet Propulsion Laboratory, California Institute of Technology (04/12)
*Department of Atmospheric Sciences, University of California at Los Angeles (02/12)
*Department of Atmospheric Sciences, University of Illinois (01/12)
*AMS Annual Meeting, New Orleans (01/12)
*AGU Fall Meeting, San Francisco (12/11)
*GFDL Climate Modeling and Research Symposium (10/11)
AeroCom Meeting, Fukuoka, Japan (10/11)
*Summer Institute, Program on Climate Change, University of Washington (09/11)
*NOAA OAR Senior Management Meeting, Princeton (08/11)
Goldschmidt Meeting, Prague, Czech Republic (08/11)
HTAP Meeting, Milan, Italy (06/11)
*Center for Land-Ocean-Atmosphere Studies (COLA) (05/11)
*School of Marine and Atmospheric Sciences, Stony Brook University (03/11)
*School of Atmospheric Physics, Nanjing University of Information Science and Technology (01/11)
*Department of Atmospheric, Oceanic, and Space Sciences, University of Michigan (10/10)

EGU General Assembly, Vienna, Austria (5/10)
MOCA-09, Montreal, Canada (07/09)
*Gordon Research Conference on Radiation and Climate (07/09)
HTAP Meeting, Paris, France (06/09)
*Department of Chemical Engineering and School of Environment, Tsinghua University (05/09)
*Institute of Atmospheric Physics, Chinese Academy of Science (05/09)
The 11th International Conference on Atmospheric Sciences and Applications to Air Quality *(*ASAAQ*),* Jinan, China (05/09)
*NOAA Central Library Brown Bag Seminar Series, Silver Spring (04/09)
*Climate and Radiation Branch Seminar, NASA Goddard Space Flight Center (02/09)
AGU Fall Meeting, San Francisco (12/08)
ARM Fall Meeting, Princeton (11/08)
The 10th Scientific Conference of the IGAC Project, Annecy, France (09/08)
HTAP/ACC Joint Workshop, Washington D.C. (06/08)
A-Train Symposium, Lille, France (10/07)
AGU Fall Meeting, San Francisco (12/06)
AeroCom Workship, Virginia Beach (10/06)
NASA Goddard Space Flight Center (05/06)
*Rosenstiel School of Marine and Atmospheric Science, University of Miami (06/05)
International Young Scientist Network for Earth System Science, Breckenridge (06/05)
AeroCom Workshop, New York (12/04)
AAAR Annual Conference, Anaheim (03)
*University of Delaware (02)
*Rutgers University (02)
AGU Fall Meeting, San Francisco (01)
AIChE Annual Conference, Los Angeles (00)
AAAR Annual Conference, St. Louis (00)

Current Students/Postdocs Supervised

Graduate students: Geeta Persad (Princeton, advisor), Spencer Hill (Princeton, advisor), Michelle Frazer (Princeton, advisor), Xin Rong Chua (Princeton, advisor), Spencer Clark (Princeton, advisor), Zhaoyi Shen (Princeton, advisor), Xiaoyuan Lin (Princeton, committee), Patrick Brown (Duke, committee), Jiaxi Hu (Texas A&M, committee)

Past Students/Postdocs Supervised

Graduate students: Ilissa Ocko (Princeton, committee), Claire Radley (Princeton, committee)
Summer interns: Geeta Persad (Stanford), Spencer Hill (UCLA), Pranay Nadella (West Windsor-Plainsboro High School South), Colin Morgan (Cornell), Michelle Frazer (Cedarville)
Research assistant: Geeta Persad (GFDL)
Postdocs: Massimo Bollasina (Recipient of the 2013 AGU James R. Holton Junior Scientist Award, now on the faculty of the University of Edinburgh), Yuxing Yun (PNNL), Pu Lin (Associate Research Scholar, Princeton)