Welcome to 2019! Like many of you, I’ve been spending the last several days contemplating the new year in terms of my personal as well as professional life. And hopefully, like me, you’ve been able to identify multiple reasons for optimism and excitement about 2019. Reason #1 for me is the Annual Meeting of the AMS, to be held in Phoenix, Arizona next week. In addition to escaping the Midwest winter for a few days, I’m personally looking forward to seeing the poster presentations given by our undergraduates during the AMS Student Conference. I’m also looking forward to interacting with our alumni and friends at the UI Atmospheric Sciences reception on Tuesday. On Friday, January 11th, our faculty will be holding a retreat at the Lake of the Woods in Mahomet. While this may not sound particularly exciting, it will jumpstart the preparations for a departmental external review to be held in November, and more generally will help us chart the path of the department for the next five years. Another reason for excitement: our purchase of a mobile (trailer-mounted) 915 MHz wind profiler! The acquisition process is well underway, and once delivered, the profiler will be used either during field campaigns or be deployed to a site on South Farms, where it will be operated continuously with the other SCAMP equipment for research and teaching activities. Finally, here’s a sample of other things to come in 2019: the development of our first online graduate-level course, and the formal proposal of an online M.S. degree; a summer visit by undergraduate students from Zhejiang University, and then the arrival of the first enrollees in a new 3+2 academic program with Zhejiang University; CAMP2EX (The Cloud, Aerosol and Monsoon Processes Philippines Experiment), a field campaign that will involve numerous graduate students and faculty members; and the formation of an Alumni Advisory Board.

Enjoy the remainder of the semester break, and see you back on campus soon!

Notes from the Head


Presentations

Dey, S.S., L. Di Girolamo, K.R. Smith, A. Pillarisetti and A. Lyapustin, Assessing long term ambient PM2.5 build-up in Delhi NCT using high resolution satellite dataset. Indian Aerosol Science and Technology Association Conference, Delhi, India, 26-28 Nov. 2018


Jain, AK., Carbon Dioxide as It Relates to Climate Change, Civil Department, Indian Institute of Technology, New Delhi, India, 26 Nov. 2018.


Nesbitt, S. W., Radar applications in warm season convection. National Science Foundation RELAMPAGO Advanced Study Institute, Villa Carlos Paz, Argentina (invited) Nov. 2018.


Riemer, N, A multi-scale modeling framework for simulating aerosol climate impacts (invited), Northern Illinois University, 2 Nov. 2018.


**Presentations Continued**


Wuebbles, D, An overview of the SPARC Core Project for the CLIVAR SSG meeting 2018. CLIVAR meeting, Washington, D.C., 25 Nov. 2018


Wuebbles, D., The Science of Climate Change: Why We All Should Care. Jacksonville Fl, 17 Nov. 2018

Wuebbles, D., Why We Should All Care About Climate Change, Presentation to the Urbana Exchange Club, Urbana, IL. 20 Dec. 2018.


**Activities and Awards**

Don Wuebbles received the Bert Bolin Global Environmental Change Award from the American Geophysical Union, on December 11, 2018. He also led two sessions on Communicating Climate Change at the AGU Annual Meeting.


Don Wuebbles attended the Science Advisory Committee meeting for the Environmental Law and Policy center on November 27. He also represented the international SPARC organization at the CLIVAR meeting in Washington DC on November 28-29.

Atul Jain led the Global Initiative for Academic Networks (GINAN), an initiative of Government of India. As part of this initiative he delivered lectures on “Land Cover and Land Use Changes and their Impacts on Climate” at Indian Institute of Technology (IIT) Kharagpur from October 29-November 2.
Congratulations

Dongwei Fu deposited his M.S. thesis "Examination of the behavior of MODIS-retrieved cloud droplet effective radius through MISR-MODIS data fusion"

Daniel Stechman deposited his Ph.D. dissertation “Observed Microphysical Characteristic and Inferred Thermodynamic Processes Contributing to the Structure, Evolution, and Maintenance of Nocturnal Elevated Mesoscale Convective Systems”.

Zachery Zobel deposited his Ph.D. dissertation “Evaluations of Historical and project-ed High-resolution Dynamically Downscaled Ensemble over the Continental United States”

Call for Briefing Submissions

Remember to submit your publications, presentations, activities, and awards for the month of rest of December and January [https://forms.illinois.edu/sec/2177927](https://forms.illinois.edu/sec/2177927)

Alum Receptions

Join us at the DAS Reception at the AMS Annual Meeting:

Tuesday, January 8, 2019
6:00:00 PM-8:00:00 PM
Sheraton Hotel, Room Camelback A
Phoenix, AZ