

CMMAP Student Colloquium  
CMMAP Seminar Room - Rm 121  
August 2-5, 2011



## Tuesday - August 2, 2011

8:30 - 9:00 am            **Breakfast**

9:00 - 9:15 am            **Welcome/Introduction to Colloquium**

9:15 - 10:15 am          **What the hell is CMMAP?**

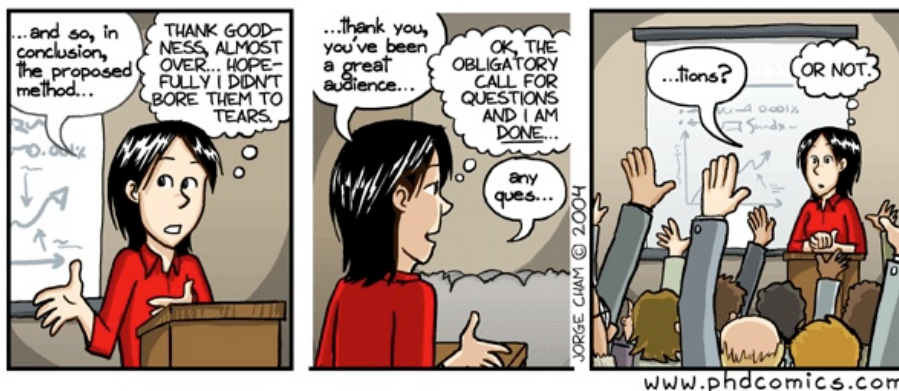
Dave Randall will discuss where the idea came from, the process behind the Science and Technology Center, and the future of CMMAP.

10:15 - 10:30 am          **Break**

10:30 am - 12:00 pm      **Student Research Presentations**

Graduate students and summer interns will give a 15-minute informal presentation on their current research. Presentations should include what your research is about, why is it important to others, what you expect to find.

10:30	Levi Silvers, CSU Atmospheric Science
10:45	Brittany Fields, CMMAP Intern
11:00	Allyson Clark, CSU Atmospheric Science
11:15	Jennifer Gahtan, CMMAP Intern
11:30	Greg Elsaesser, CSU Atmospheric Science
11:45	Moises Garcia, CMMAP Intern



12:00 - 1:00 pm                      **Lunch and Networking**

1:00 - 2:00 pm                      **Climate and Solar Energy**

**Dr. Amy Prieto, Assistant Professor, Department of Chemistry**

Amy Prieto's research focuses on developing methods for making nanoscale materials that have applications in solar cells, lithium-ion batteries and hydrogen storage. Most recently, Prieto successfully turned a mineral compound into a material that can pass current through a nanoparticle network, an important discovery toward more efficient, inexpensive solar cell materials.

2:00 - 2:15 pm                      **Head to Reservoir Ridge Natural Area**

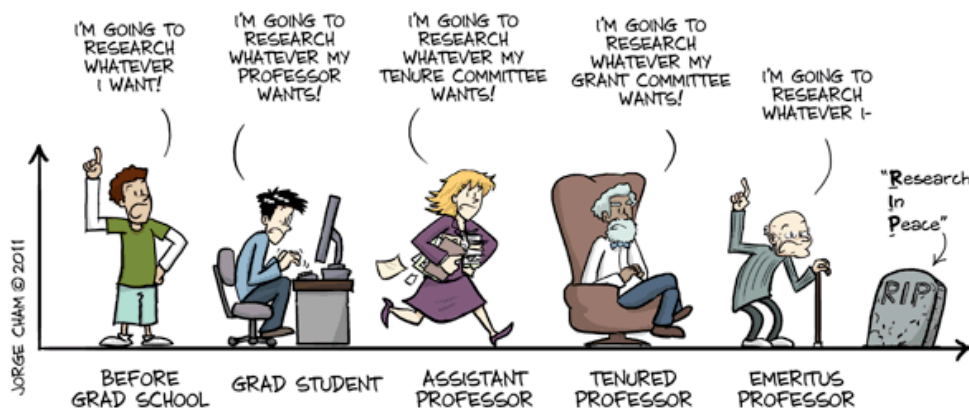
2:30 - 4:30 pm                      **Hike and Chat - Graduate School**

5:30 - ?                                **BBQ at City Park**

Come join friends, colleagues, and family for a BBQ at City Park. Significant others and kids are invited. Bring games and sporting equipment. See Melissa for more details.



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## Wednesday - August 3, 2011

8:30 - 9:00 am                    **Breakfast**

9:00 - 10:15 am                **Student Research Presentations**

Graduate students and summer interns will give a 15-minute informal presentation on their current research. Presentations should include what your research is about, why is it important to others, what you expect to find.

9:00	Nick Geyer, CSU Atmospheric Science
9:15	Julie Huang, CMMAP Intern
9:30	Alex Gonzalez, CSU Atmospheric Science
9:45	Jason Keefer, CMMAP Intern
10:00	Parker Kraus, CSU Atmospheric Science

10:15 - 10:25 am                **Break**

10:25 - 10:45 am                **Little Shop of Physics - Spin Tank**

LSOP would like some advice as to how to improve this activity related to weather and climate.

10:45 am - 12:00 pm            **Student Research Presentations**

Graduate students and summer interns will give a 15-minute informal presentation on their current research. Presentations should include what your research is about, why is it important to others, what you expect to find.

10:45	Grant Firl, CSU Atmospheric Science
11:00	Molly Morman, CMMAP Intern
11:15	James Carpenter, CSU Atmospheric Science
11:30	Jessica Taheri, CMMAP Intern
11:45	Keri Younger, CMMAP Intern

12:00 - 1:00 pm                **Lunch and Networking**

1:00 - 2:00 pm     **What Ethicists Think about When They Think about Climate Change**

**Dr. Katie McShane, Assistant Professor, Department of Philosophy**

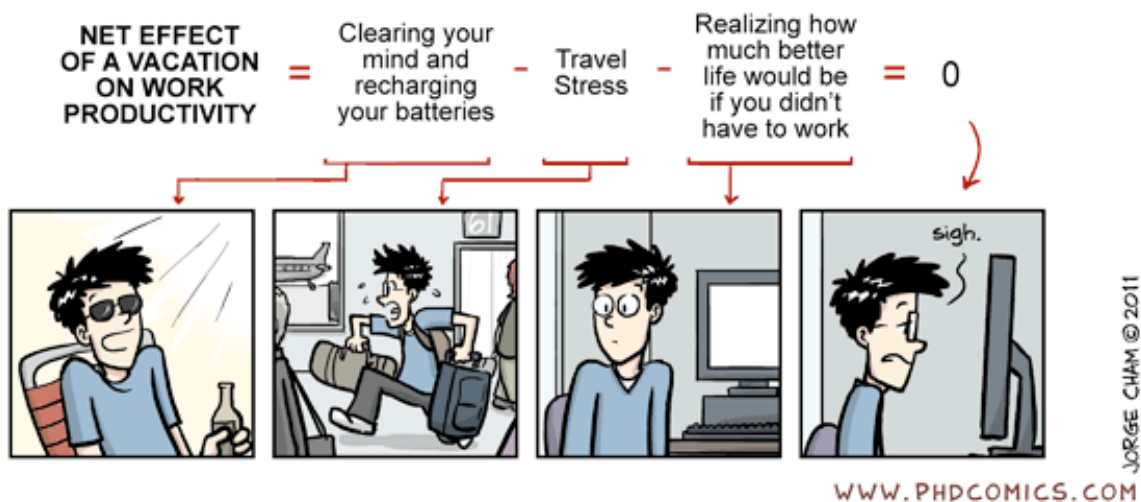
Katie McShane's research interests lie at the intersection of ethical theory, particularly the theory of value, and environmental ethics. Her work explores the moral significance of the emotional attitudes that we take toward the natural world. Her current research analyzes the assumptions about value that might be present in various valuing attitudes (in particular, awe and respect) that environmentalists often urge people to take toward the natural world.

2:00 - 2:30 pm     **Break**

2:30 - 3:30 pm     **Changing the Conversation about Climate Change: Place-based Communication & America's Public Lands**

**Dr. Jessica Thompson, Assistant Professor, Warner College of Natural Resources**

Jessica Thompson's current research and teaching focus is on communicating and managing environmental conflict about complex ecological issues – such as global climate change and natural resource conservation.



## **Thursday - August 4, 2011**

8:30 - 9:00 am                    **Breakfast**

9:00 - 10:00 am                **How to Talk to and Deal with Climate Contrarians**

Scott Denning will share his experiences and how he approaches climate contrarians.

10:00 - 10:15 am                **Break**

10:15 - 11:30 am                **Student Research Presentations**

Graduate students and summer interns will give a 15-minute informal presentation on their current research. Presentations should include what your research is about, why is it important to others, what you expect to find.

10:15	Kate Thayer Calder, CSU Atmospheric Science
10:30	Ian Shiach, CMMAP Intern
10:45	Gabriel Williams, CSU Atmospheric Science
11:00	Dustin Snare, CMMAP Intern
11:15	David Wang, CMMAP Intern

11:30 am - 12:00 pm            **Little Shop of Physics - Climate Model**

LSOP would like some advice as to how to improve this activity related to weather and climate.

12:00 - 1:00 pm                **Lunch and Networking**

1:00 - 3:00 pm                **Becoming a Professional Scientist**

Scott Denning will discuss what faculty look for in graduate student applications, what makes an application stand out. He'll also discuss how to find a postdoctoral position, get a faculty job, and what its like to be a tenured faculty member.

## Friday - August 5, 2011

8:30 - 9:00 am                      **Breakfast**

9:00 - 12:00pm                    **The Science and the Art of Teaching**

**Brian Jones, Physics Instructor and Director of the Little Shop of Physics**

In recent years, science educators have achieved a broad consensus on how students learn. But there are many different visions of how to put these ideas into practice. I will share some of the relevant theory, some of the relevant experiments, the use of different educational technologies, and some practical tips for designing an effective college course in a typical institutional setting with real constraints on time and resources.

12:00 - 1:00 pm                    **Lunch and Networking**

1:00 - 2:30 pm                    **Life as an Early Career Faculty Member**

**Russ Schumacher, Assistant Professor, Atmospheric Science**

Russ comes to CSU from Texas A&M University, where he has been serving as an Assistant Professor in the Department of Atmospheric Sciences. Russ received his Ph.D. from our department at CSU in 2008. Russ's expertise lies in the areas of mesoscale dynamics; mesoscale convective systems, with a focus on systems that produce extreme rainfall; effects of tropical cyclones on midlatitude precipitation systems; and societal impacts of weather.

2:30 pm                                **Adjourn**

Please complete the Graduate Student Colloquium survey:

<http://www.cmmmap.org/scienceEd/colloquium/colloquium11/>

