



American Chemical Society

Central Wisconsin Section



**A Concerned Scientist's Best Attempt at Assessing Global Climate Change**

by

Dr. Jim Phillips

University of Wisconsin – Eau Claire

**RESCHEDULED** Wednesday, April 23, 7:30 pm

UW-Eau Claire

Phillips Hall Room 413

5:30 Cocktails; 5:45 Dinner, Sweetwaters Restaurant

**Abstract:**

Global Climate Change is among the most controversial issues at the science-public policy interface, mainly because mitigating the potential effects of greenhouse gas emissions will undoubtedly require a substantial economic sacrifice. As a result, science underlying this issue is often distorted, mainly through non-peer reviewed publications and web sites. Unfortunately, many find this "junk science" to be credible. My frustration with this situation motivated me to use my background in atmospheric chemistry to sort through the "junk" and identify the most credible data and conclusions. My goal is to present these results, raise awareness on this issue, and aid fellow chemists in reaching their own conclusions. In the talk, I will give a brief history of the issue and an overview of factors that affect climate, present data of particular significance, and review the conclusions in the most recent (2001) technical summary report from the Intergovernmental Panel on Climate Change. I will also touch a few ethical facets of this complex issue.

**The Speaker:**

Jim is a native of the Twin Cities area. He obtained a B.A. in Chemistry from Middlebury College (VT) in 1991, and a Ph.D. in Physical Chemistry from the University of Minnesota in 1996. He then spent two years in as a NOAA Postdoctoral Fellow in Climate and Global Change, working mainly in the Chemistry Department at the University of Colorado, but also with the Chemical Kinetics Group at the National Center for Atmospheric Research. Currently, Jim is an Assistant Professor of Chemistry at the University of Wisconsin - Eau Claire. He teaches general, physical, and environmental chemistry, and maintains an active research program focused mainly on fundamental aspects of molecular structure.

The social mixer at 5:30 and dinner at 5:45 PM will be at Sweetwaters Restaurant, 1104 W. Clairemont Ave, Eau Claire (near the intersection of Clairemont (US 12) and State Highway 37). **Make reservations by Tuesday at 5 PM** by leaving a message at 715-836-4744 or email [lewisd@uwec.edu](mailto:lewisd@uwec.edu).