



Sigma Xi Winter Lecture



Announcing the winter meeting of Sigma Xi DC Chapter in conjunction with the University of Maryland and FDA Chapters

When: Sunday February 27, 2005 1pm
Where: Patuxent National Visitors Center, Laurel Maryland
Who: Dr. Edwin Shykind (DC Sigma Xi member)
What: **A Brief History of the Development of the Ozone/Global Warming Science(s) and Regulations, and the Cretaceous Butterfly."**

Dr. Shykind been involved in these issues since the recognition of the effect of chlorofluorocarbon (CFC's) damage to stratospheric ozone 1972, and has participated in the development of the national and international regulations until his retirement in 1995. Along with the scientific investigations, he will discuss the related effects of CFC's, other compounds, and air-sea interactions on the potential changes in global weather patterns.

His first position was with the Office of Science and Technology in the areas of ocean engineering, data collection and coordination of 23 agencies oceanographic programs. His last position, which he held for 23 years, was technical/science advisor to various offices in the U.S. Department of Commerce. During this period he was responsible for the analysis of all regulations and legislation affecting domestic industry. Much of this work resulted in major modifications to the regulations so that industry could comply in a more economic fashion. During this time he served on a number of interagency committees dealing with significant environmental regulations on such substances as fluorocarbons, asbestos, PCB's and other toxic substances and worked with Congress on the development of the Clean Air, Toxic Substances and Water Pollution legislation. He was member of the U.S. delegation to the international deliberations on the control of ozone depleting compounds and global warming and was working on global warming problems in conjunction with the IPCC.

Dr. Shykind retired from the Federal government at the end of June 1994. He is currently a consultant to aerosol manufacturers on proposed regulations for chemical components related to global warming issues.

Directions: The Patuxent Research Refuge National Visitors Center (<http://patuxent.fws.gov/vcdefault.html>) Is located in Laurel Maryland off of Powder Mill Road near the intersection of Powder Mill Rd and Rt. 197.

From Washington, D.C.: Take Baltimore/Washington Parkway (Route 295) North, Exit 22 to Powder Mill Road-Beltsville exit. Turn right (east) onto Powder Mill Road and go 1.9 miles. Turn right into Visitor Center entrance (Scarlet Tanager Loop). Go 1.4 miles to Visitor Center Parking area.

From College Park/Beltsville: Take Rt. 1 to Powder Mill Rd. East. Follow Powder Mill Rd. through USDA. Once you pass the BW Parkway go 1.9 miles. Turn right into Visitor Center entrance (Scarlet Tanager Loop). Go 1.4 miles to Visitor Center Parking area.

Metro: The nearest Metro Station is Greenbelt (The north end of the Green line). Arrangements can be made in advance for pick up from the station.

Member Name: _____ Affiliation: DC UMD FDA

Guest: _____ Affiliation: DC UMD FDA

Cost: \$15 per person (Please make check out to **DC Chapter of Sigma Xi**)

Please Mail to: Sigma Xi
c/o Cristina Paul
670 Swan Dr.
Deale, MD 20751

Due by Feb. 19! * email can be sent to mdcitrus@att.net to RSVP but a check must be mailed prior to the event!



Catering: Lunch will be provided by **Maryland Country Caterers**

- ☘ A mix of gourmet wraps (Sante Fe Chicken, Yellow Fin Tuna, Roast Beef, or Vegetarian)
- ☘ Pasta vegetable salad
- ☘ Wild Rice Salad
- ☘ Assorted Soda's / Water
- ☘ Chips
- ☘ Homemade cookies and brownies
- ☘ Coffee and Tea.

On Other Notes!

To Change any information such as address, affiliation etc. Please visit the sigma xi web site at <http://www.sigmaksi.org> all you will need is your member number to access the site.

Do you know anyone who would benefit by being a member of Sigma Xi! We are always looking to expand our membership base. Full Members can nominate fellow scientists for membership, the form is available on line!

Science in the News! – We're excited to tell you about a partnership between Sigma Xi, The Scientific Research Society and the new PBS science show, NOVA scienceNOW.

NOVA scienceNOW is an offshoot of PBS's long-running popular science documentary series NOVA. The show debuts on PBS Jan. 25. Check your local listings, as show times and dates vary. There will be 4 or 5 shows airing during 2005, keep an eye on your television scheduals or log on to the sigma xi web site to view snippets from the shows!

Hosted by veteran reporter Robert Krulwich, NOVA scienceNOW occupies a television news magazine format, presenting multiple stories on current research topics and intriguing personalities from the world of science and technology.