

2004 NCW demonstrations presented by the NKU student affiliates



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Abstract

During National Chemistry Week, members of our ACS Student Affiliates visited several libraries around the Northern Kentucky area (as well as the NKU campus) and put on NCW demonstrations. Our chapter was the only organization in the Northern Kentucky area to put on these demonstrations in conjunction with the Cincinnati ACS local section. We focused on demos that incorporated this years theme of "Chemistry of the Human Body," but also included fun demonstrations that the children (and parents!) enjoyed. Some of our featured demonstrations used hydrophobic/hydrophilic polymers, MRE "heat packs", liquid nitrogen, dry ice, and hydrogen peroxide.

National Chemistry Week

Fundraising Pie Style



Playing with Liquid Nitrogen



Bracing for the Methanol Cannon



Rainbow Bubbles



National Chemistry Week Attracted Quite a Crowd



"Who's full of the most hot air, boys or girls?"



Dr. Russell Wins the Contest



"Yumm! Chocolate!"

Students voted for their favorite professor by placing loose change into a jar. At the end of the semester the professor whose jar contained the most money won a pie of their choice in the face!

Dr. Russell wins the affection of the students and receives a Chocolate Cream Pie in the Face.

Seminars

SAACS brought in several guest lecturers from various universities to speak on their research. The subject of the seminars varied from Biochemistry to Electrochemistry to Material Science. Below is a list of the titles of the seminars.

- Supercritical Fluid Technology for the Undergraduate Curriculum: Research Projects and Laboratory Modules
- Detection and Differentiation of Respiratory Viruses
- The Chemistry of Magic
- Graduate Research Opportunities at Miami University
- The Emergence of Chemical Biotechnology as a Means to

- Optimal Protein-Based Medicines
- Photosystem I Patterning and Direct Electrochemistry for Biomimetic Photoelectrochemical Energy Conversion
- Synthesis and Supramolecular Behavior of Conjugated pi-

- Anodic Oxidation of Oxygenated Aromatics: Applications in Organic Synthesis



Fascinating!



"Who knows what dry ice is made of?"



Seeing Liquid Air



"Blow into the flask a little harder."



Carbonation in Soda Cans is Acidic

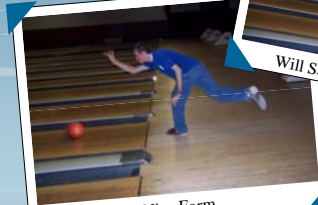
Social Activities

Social events were planned to help the students get to know the professors better outside of the classroom environment and to introduce students to other in their department. Activities included:

- Pizza & Drinks at Many of the Bi-weekly Meetings.
- Several Movie Nights
- Bowling
- Hiking at Red River Gorge
- Highway Cleanup and BBQ



Will She Get a Strike?



Nice Form