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October, 2004	November, 2004
10/1-10/25 - Call for ACS Nominations - see page 3	11/10-13 - SERMACS 2004 - see page 5
10/15-24 - NC State Fair - see page 1	11/12 - Workshop - Teaching Chemical Information Tips & Techniques - see page 11
10/23 - National Chemistry Week - see page 9	
10/24 - SERM2004 Early Registration Closes - see page 4	



Volunteers Needed: ACS Exhibit at the 2004 North Carolina State Fair

The NC Section will host a chemistry stage show and exhibit in the "Healthy Farms and Healthy Families" tent at the North Carolina State Fair, and we need your help. All members of the Local Section (YCC, SCC, student affiliates and any others) are encouraged to participate. Volunteers will be paired up and either trained or paired with someone who has attended a training workshop or who has worked at the fair before. Volunteers will receive free admission to the fair, and also will have the chance to earn a State Fair Healthy Farms and Healthy Families shirt. Below are all the details:

When: October 15 - 24

Where: State Fairgrounds, Raleigh, NC. See the North Carolina State Fair website (<http://www.ncstatefair.org/2004fair/>) for information and maps.

About our Booth:

Two volunteers are needed for each 4.5-hour time slot. At the booth, volunteers will help children do hands-on activities, perform experiments for all ages and answer questions. There will be a separate break room and restroom area for the volunteers who work in the tent.

(continued on page 3)

Duke Chemistry Professor Honored with Distinguished Undergraduate Teaching Award

2004 Teaching Awards: Winning Strategy for Teaching Chemistry

*Written by Deepti Scharf
Duke University Dialogue
Vol. 18, No. 40, 2004*

Chemist Alvin Crumbliss has a winning strategy for his undergraduates to conquer Chemistry 23L, Accelerated General Chemistry, which combines two

(continued on page 2)



Chemist Alvin Crumbliss gave students more opportunity to learn concepts on their own. Photo: Jim Wallace

SERMACS

2004

(see Page 5 for details)



NCACS EXECUTIVE COMMITTEE

D. Coleman, Chair 2004
D. Morgan, Chair-Elect
S. Levine, Secretary
J. T. Bursey, Treasurer

The TarHelium

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RTP, NC 27709-2194

UPDATE YOUR MAILING ADDRESS

With each mailing of the TarHelium, there are always some returned to the section (at a fee) due to an incorrect or obsolete address. To make sure you receive your local section information on time, notify the ACS with any address changes. To update your records online, just log onto

<http://center.acs.org/applications/addrupdate/addrchange.cfm>



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**Winning
Strategy for
Teaching
Chemistry**

**Winning Strategy for Teaching
Chemistry** (continued from page 1)

semesters' worth of first-year chemistry into one. Crumbliss' teaching strategy - "putting personality and relevance into a course, without compromising rigor" - begins with getting to know his students from their freshman year. That strategy has earned Crumbliss this year's David and Janet Vaughn Brooks Distinguished Undergraduate Teaching Award.

Undeterred by class sizes as large as 200, Crumbliss reserves a table at the Faculty Commons each week and gives students the option of joining him there for lunch. Up to six students sign up to converse with him about everything except shop talk. It was at such a luncheon Crumbliss learned that two students in the class ride horses on a competitive basis. "That's something I knew nothing about. Now I know something about it," he said.

He also learned that another student was a cartoonist — so he talked with him about drawing cartoons as visual aids for some of the molecular concepts in class. "The cordial relationship Dr. Crumbliss has established with each one of us makes taking a difficult course that much easier," said Daniel Kaplan, a student, in a letter nominating Crumbliss for the teaching award. "Over lunch, Dr. Crumbliss struck everyone as a teacher who did not put himself above his students, but as a man who shared many of the interests we did."

Said Stephen Craig, a former student and current colleague: "The success of this idea is staggering. It provides not only time for instructor and students to get to know each other, but also a chance for students to be exposed to the broader experience and expertise of the faculty."

While holding students to high standards, Crumbliss takes every opportunity to make a difficult course easier. He places his entire lectures on PowerPoint slides, enabling students to focus on comprehending material instead of taking notes. And, he provides students with printouts of the PowerPoint presentation, which make excellent study guides, said Kaplan.

To hold students' attention, Crumbliss varies the presentation by working on problems on the blackboard by hand. He also brings in newspaper articles and recent scientific literature. For example, as an illustration of intermolecular forces, he brought an article from the journal Nature on how geckos walk on ceilings.

To stimulate students' excitement in discovery, Crumbliss changed the laboratory component of Chemistry 23L in 2000 when he took over the course in response to the department's needs — developing new experiments for the course, along with Todd Woerner, the lab manager.

He changed the laboratory's orientation from one in which students verified known concepts to one where they were led to discover concepts on their own. Students can now take a chemical compound they synthesize and characterize its chemical composition, structure and reactivity.

"This required a great deal of time and effort, and AI was very hands-on throughout the development of this lab and its subsequent tweakings," noted James Bonk, director of undergraduate studies in chemistry.

Although the award recognizes him for undergraduate teaching, those who wrote nomination letters were at pains to point out Crumbliss' mentoring of graduate teaching assistants.

"AI is, among our faculty and perhaps the university, uniquely committed to helping teaching assistants be effective teachers in labs and recitation," said Craig. "Dr. Crumbliss was an excellent mentor. He knew I was interested in teaching and took the time to explain to me his rationale in designing lectures, quizzes, and tests," wrote Joseph Wirgau, now assistant professor of chemistry at Radford University, in his nomination letter.

Said Crumbliss in response to news of the award: "I'm honored. I'd hoped to convey to students my enthusiasm for chemistry. I want my undergraduates to like chemistry, and to see the value of chemistry in other disciplines."

ACS Exhibit (continued from page 1)

Magic Shows: In addition to our booth, volunteers are needed to perform 30-minute magic shows that will run throughout the week. Training and all materials for these shows will be provided.

Training Sessions: We will be providing training sessions for volunteers, but this is not a requirement. We will pair volunteers so that one person who knows the set of demonstrations can teach other volunteers on the job.

Tickets & Parking: Admission to the fair is free for volunteers and we will have access to a limited number of parking passes.

Company Logos: If employees from your company fill 4 time slots, we will be happy to display your company logo at our booth.

Questions? Contact any of the following organizers:

- Laura Sremaniak
(Laura_Sremaniak@ncsu.edu, 515-2937)
- John Holland
(JohnQHolland@aol.com)
- Jim Ellenson
(jellenson@ncsu.edu).

Ready to Volunteer? Contact any one of the above organizers, or fill out the on-line form (<http://membership.acs.org/N/NCarolina/index.html>).

FINAL CALL FOR ACS LOCAL SECTION OFFICER NOMINATIONS



The Executive Committee of the North Carolina American Chemical Society (NC-ACS) is issuing a final call for officer nominations for the 2005 calendar year. All elected officers of the Section also serve on the Executive Committee that normally meets monthly during the academic year. The following positions are open:

Chair-Elect (2-year term)

During the first year, the Chair-Elect organizes the Local Sectional Conference in April, assists the Chair with management of the section, and represents the Chair in his or her absence.

Treasurer (2-year term)

The Treasurer is the financial officer for the section.

Councilor (3-year term) (Two persons to be elected)

Councilors represent the section at National Council Meetings of the American Chemical Society.

Alternate Councilor (3-year term) (Two persons to be elected)

Alternate Councilors represent the section in the absence of a Councilor at National Council meetings of the American Chemical Society.

The Nominations Committee is presenting the following candidates for these offices. The nominees with an asterisk next to their name will be running for reelection.

For Chair-Elect:

Charles Goss - GlaxoSmithKline
(GSK) Kenneth Tomer - NIEHS

For Treasurer:

Joan Bursey*, formerly of Eastern Research Group

For Councilor:

Eric Bigham* - GlaxoSmithKline
Bob Morrison* - formerly of GSK and N.C. State Univ.

For Alternate Councilor:

Dick Forbis* - UNC-Chapel Hill
Alan Tonelli - N.C. State Univ.

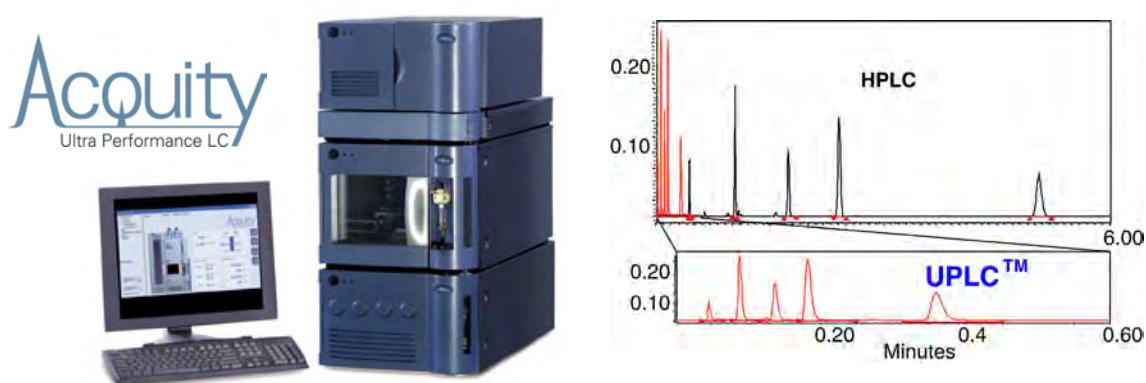
Further nominations are strongly encouraged, and self-nominations are also welcome. We need your participation in the leadership of the Section. Full job descriptions for each of these positions can be found on our web site: http://membership.acs.org/N/NCarolina/job_manual.html. Please send names of nominees to Dr. John Myers

jmyers@wpo.ncsu.edu

as soon as possible. Biographical sketches of the candidates will be published along with the NC-ACS ballot in the November issue of the TarHelium.

NC ACS
State Fair
Exhibit

Call for
Nominations

INTRODUCING A NEW CATEGORY OF SEPARATION SCIENCE**ACQUITY Ultra Performance LC™**

- Ultimate Speed
- Ultimate Sensitivity
- Ultimate Resolution

**SERMACS
2004**

Local Waters Technical Representatives: 1-800-252-4752

Dennis Beaudry ext 6894

Howie James ext 6429

Michael Keilholz ext 6371

Waters

Please visit us at Booths 29 and 30 at the 56th Southeastern Meeting of the American Chemical Society, November 10-13, 2004 to see the latest in LC and MS.

SERMACS 2004 REGISTRATION

The North Carolina Section will be hosting the 56th Southeastern Meeting of the American Chemical Society (SERMACS) from November 10 – 13, 2004 at the Sheraton Imperial Conference Center near Research Triangle Park. An on-line registration form and a print and mail registration form are available at the website listed below. A copy of the print and mail registration form is included in this issue of the TarHelium. The SERMACS 2004 website also contains information about the technical program, commercial exhibition, housing, special events, workshops, and conference sponsors.

<http://membership.acs.org/s/serm2004/registration.html>.

ADVANCED REGISTRATION WILL BE CLOSING ON OCTOBER 24, 2004.

For additional information, please contact Dr. Brad Sturgeon:
sturgeon@email.wcu.edu.

Registration Form on Page 6 of this Issue

SERMACS 2004**November 10-13, 2004**

Sheraton Imperial Hotel and Convention Center
 Research Triangle Park, NC

The Southeastern Regional Meeting of the American
 Chemical Society

and

The Regional Meeting of the
 Two-Year College Chemistry Committee of the
 Division of Chemical Education ACS (2YC₃)



2004
 Southeastern Regional Meeting of
 the American Chemical Society
 Research Triangle Park, NC

<http://membership.acs.org/s/serm2004/>

Special Events, Symposia, and Workshops

- Invited Symposium Honoring Ernest Eliel
- Symposium on Teaching Organic Chemistry in Two-Year Colleges - 2YC₃
- Computational Chemistry Workshops for Educators and for Undergraduates
- WebAssign for Chemistry Teachers/Faculty
- Exhibition and Graduate School Fair
- ACS Regional Innovation Awards
- Continuing Training for Local Section Officers and Regional Meeting Planners
- How To be a More Effective Chemical Hygiene Officer (ACS Workshop)

Invited Technical Symposia Topics

- Frontiers in Chemistry and Medicine (Sponsored by GlaxoSmithKline)
- Structural Motifs of Nucleic Acids and their Application in Nanotechnology, Chip Technology, and Therapeutics
- Application of NMR to Structural Genomics
- Advances in Protein Characterization by MS
- Impact of the Human Genome Project on the Drug Discovery Process
- Ensuring the Effective Protection of Innovative Chemical Technology
- Composition of Atmospheric Particulate Matter
- Mercury Immobilization in Soil and Water
- Drugs in Our Drinking Water – What We Can See and Remove. What is the Risk?
- Bioactivities of Phytochemicals: Health, Human Nutrition, and Food Supply
- Green Chemistry and Manufacturing
- New Developments in Textiles: “Can They Really Do That?”
- Polymers in Confined Environments
- Polymeric Biomaterials
- Polymers, Colloids and Surfactants
- Complex Fluids
- Synthesis, Application, Development of Nanoscale Materials
- Structure/Property Relationships in Solid State Chemistry
- Molecular Chirality: Theory, Synthesis, and Spectroscopy
- History of Chirality in Chemistry
- Chemical Education
- Advances in Chromatography
- Automation for the Laboratory
- New Frontiers in Chemical Sensors

Contacts

SERM 2004 GENERAL CHAIR:
 Sol Levine
SERM2004@mindspring.com

SYMPOSIA CHAIR:
 Richard Palmer
richard.a.palmer@duke.edu

GENERAL PROGRAM CHAIR:
 Bill Switzer
bill_switzer@ncsu.edu

COMMERCIAL EXHIBITS:
 John Hines
hines@rti.org

SERMACS
 2004





Southeast Regional Meeting of the American Chemical Society
 Sheraton Imperial, Research Triangle Park, North Carolina
 November 10 – 13, 2004



<http://membership.acs.org/s/serm2004/>

Dr. Mr. Ms. Mrs. 1. Academe 2. Industry 3. Government 4. Student 5. Other

First Name Last Name

Company/University Local section

Street address

City State Zip

Phone (office) () Fax () I do not wish to have my name on a list provided to exhibitors.

E-mail

Please contact the Office of Regional Meetings at (202) 872 – 6129 if you require special accessibility accommodations to fully participate.

ADVANCE REGISTRATION FEES	TICKETED EVENTS
<input type="checkbox"/> 01. ACS member \$110.00	<input type="checkbox"/> Nucleic Acid Symposium Dinner, Wednesday, November 10, 7:00pm \$25.00
<input type="checkbox"/> 02. Nonmember \$135.00	<input type="checkbox"/> Women Chemists Luncheon, Thursday, November 11 \$25.00
<input type="checkbox"/> 03. 2YC3 Member \$45.00	<input type="checkbox"/> Women Chemists Luncheon, Student rate \$10.00
<input type="checkbox"/> 04. Graduate Students \$45.00	<input type="checkbox"/> Banquet to honor Ernest Eliel, Friday, November 12 \$35.00
<input type="checkbox"/> 05. Undergraduate Students \$25.00	<input type="checkbox"/> 2YC3 Luncheon, Friday, November 12 \$25.00
<input type="checkbox"/> 06. High School Teacher \$25.00	<input type="checkbox"/> Solid State Chemistry Banquet, Friday, November 12 \$35.00
<input type="checkbox"/> 07. Postdoctoral Fellow \$45.00	<input type="checkbox"/> Awards Banquet, Saturday, November 13 \$25.00
<input type="checkbox"/> 08. Retired/Emeritus/Unemployed \$25.00	<input type="checkbox"/> District Director's Breakfast Saturday, November 13 NO CHARGE
<input type="checkbox"/> 09. Guest \$20.00	<input type="checkbox"/> Book of Abstracts* (abstracts will be provided at no charge on CD) \$10.00
<input type="checkbox"/> 10. 50 Year ACS Member (No Charge)	<input type="checkbox"/> Abstracts will not be part of the meeting program book
ONSITE REGISTRATION FEES	WORKSHOPS
<input type="checkbox"/> 01. ACS member \$145.00	<input type="checkbox"/> Lab Safety Workshop, Tuesday, November 9 \$250.00
<input type="checkbox"/> 02. Nonmember \$170.00	<input type="checkbox"/> Lab Waste Mgmt, Tuesday, November 9 \$250.00
<input type="checkbox"/> 03. 2YC3 Member \$55.00	<input type="checkbox"/> Chemical Hygiene Officer Short Course Wednesday, Nov 10 CHAS member \$249.00
<input type="checkbox"/> 04. Graduate Students \$65.00	<input type="checkbox"/> nonmember fee, includes one-year membership in CHAS \$292.50
<input type="checkbox"/> 05. Undergraduate Students \$35.00	<input type="checkbox"/> Computational Chemistry for Educators, Friday, November 12 \$10.00
<input type="checkbox"/> 06. High School Teacher \$45.00	<input type="checkbox"/> Teaching Chemical Information, Friday, November 12, CINF members \$10.00
<input type="checkbox"/> 07. Postdoctoral Fellow \$45.00	<input type="checkbox"/> nonmember fee, includes one-year membership in CINF \$25.00
<input type="checkbox"/> 08. Retired/Emeritus/Unemployed \$45.00	<input type="checkbox"/> Computational Chemistry for Students, Saturday, November 13 \$10.00
<input type="checkbox"/> 09. Guest \$40.00	<input type="checkbox"/> WEBASSIGN Workshop, Saturday, November 13 \$10.00
<input type="checkbox"/> 10. 50 Year ACS Member (No Charge)	

PLEASE READ THE FOLLOWING IMPORTANT INFORMATION

ALL REGISTRATIONS MUST BE PREPAID BY EITHER CHECK OR CREDIT CARD IN ORDER TO BE PROCESSED.

MAIL OR FAX COMPLETED FORM TO AMERICAN CHEMICAL SOCIETY, OFFICE OF SOCIETY SERVICES, 1155--16TH STREET, N.W., WASHINGTON, DC 20036. PHONE: (800) 227-5558; FAX: (202) 872-6067.

PLEASE SUBMIT A SEPARATE REGISTRATION FORM FOR EACH REGISTRANT.

REQUEST FOR REFUND MUST BE SUBMITTED IN WRITING TO AMERICAN CHEMICAL SOCIETY, OFFICE OF SOCIETY SERVICES, 1155--16TH STREET, N.W., WASHINGTON, DC 20036. FULL REFUND THROUGH OCTOBER 24, 2004. FROM OCTOBER 25 THROUGH NOVEMBER 9.

A \$20 PROCESSING FEE WILL BE CHARGED. NO REFUNDS AFTER NOVEMBER 9, 2004.

TOTAL FEES: Registration \$ _____	Paid by: <input type="checkbox"/> American Express <input type="checkbox"/> MasterCard <input type="checkbox"/> Visa <input type="checkbox"/> Check	
	<input type="text"/>	EXP. DATE <input type="text"/>
Special Events \$ _____	Cardholder Name (please print): _____	
TOTAL AMOUNT ENCLOSED \$ _____	Signature: _____	



URGENT—ACS LEGISLATIVE ACTION ALERT

Senate Must Stop Patent Fee Diversion

Request: U.S. Senate leaders have delayed the final vote on the United States Patent and Trademark Fee Modernization Act (H.R. 1561) since April 2004. H.R. 1561 would end the practice of diverting U.S. Patent and Trademark Office (PTO) fee revenue to other federal agencies.

The PTO does not receive taxpayer funds. Instead it is funded entirely through user fees paid by applicants' patents and trademarks. Over the past decade, more than \$650 million in fees have been diverted away from the PTO. All the while, growing delays in patent issuance and declining quality of patent reviews are costing American innovators. H.R. 1561 would provide PTO with the financial resources needed to help correct these problems.

We urge you to tell your U.S. Senators to pass H.R. 1561 and make the U.S. Patents and Trademark Fee Modernization Act law before Congress breaks for the 2004 elections. Just link to <http://www.legislators.com/chemical> and click on "Strengthen American Technology and Economic Growth." Thank you for your help in this critical effort.

Submitted by:

*James L. Chao, Local Section Councilor
Member of Committee on Patents and
Related Matters*

Thoughts to Ponder

"If you do not believe in yourself you cannot expect other people to believe in you."

—Cyrus Hepplewaite



Update on Proposal for an ACS Ethics Committee

At the 228th National Meeting of the American Chemical Society, which was held in Philadelphia this August, a proposal for the establishment of an Ethics Committee was submitted to the ACS Council. The primary charges of this committee would be to coordinate the ethics-related activities of the Society, to serve as an educational resource and clearinghouse for ACS members seeking guidance on ethical issues, and to develop and oversee other ethics-related activities that will serve ACS members and promote the Society's standards of conduct within the profession of chemistry. The Council voted to refer to proposal back to the Committee on Committees for further study, prompting one of our Local Section members to submit this letter to the Editor of Chemical and Engineering News in Response.

Letter to the Editor: Establishment of ACS Ethics Committee

As a 60-year member and one of the initiators (in 1999) of the effort to establish an Ethics Committee, I was appalled by the Council's action in Philadelphia to "refer this proposal back to the Committee" without any meaningful discussion of its merits. The Council was probably unaware that most scientific societies in the U. S. have such committees and that our sister society in the U. K. (the RSC) has an Ethics Committee that even has disciplinary powers! On the other hand, our councilors must have been aware that during the past 4-5 years the U. S. has had a crisis with respect to ethical conduct in business (ENRON, etc.), in research (the well-publicized firing of Schoen at Bell Labs), and in investment banking (the mutual fund scandal that saw approximately 25% of the existing funds agreeing to multi-million dollar settlements with the SEC and New York State).

The first time I was "stung" by the actions of an unethical chemist occurred when I entered graduate school at Cornell in 1941. My professor wanted me to repeat some

**Action
Alert on
Patent Fee
Diversion**

**ACS
Ethics
Committee**

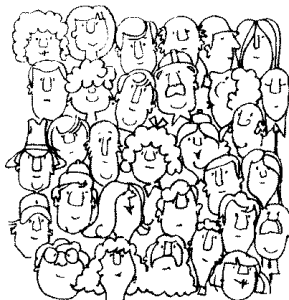
synthetic work done by a recently departed graduate student, and I was unable to do so. The same thing happened to me about six years later in industry and, as a result, I almost lost my job. In both instances, I had the opportunity to meet the wrongdoers later and each admitted, "The synthesis didn't go quite as I had described it". My last experience with unethical chemists happened in 1999, and was too complicated to recite here.

Since I was still smarting from being "stung" so recently, it wasn't surprising that the idea of an ACS Ethics Committee would surface during a friendly luncheon conversation with three fellow-ACS members. This idea was first submitted to the President five years ago (co-sponsored by ex-President E. L. Eliel and then-Director M. M. Bursley). It has been studied up and down and approved twice by the Committee on Committees and by the Council Policy Committee during the intervening five years. U. S. chemists need an ethics committee just as much as mathematicians and physicists do, and just as much as British chemists do! I certainly could have used advice from an Ethics Committee on several occasions throughout my career.

*Submitted by:
George M. Wyman*

WELCOME TO OUR NEWEST ACS MEMBERS

William W. Andersen
Michael D. Baker
Irene M. Baskerville
Candice L. Brannen
Hai H. Bui
Kimberly A. Bullock
Craig N. Burkhart
Amanda E. Canady
Lianzhou Chen
Timothy Shawn Conver
Mukul C. Dalvi
Yuliza P. Davila
Jack P. Davis
Robert W. Devor
David Allen Dunmire
Thomas William Engle
Travis M. Falconer
Yuee Feng
Armando R. Gaspar
Emily M. Gibb
Virginia H. Grant
Samuel T. Gregory
Marilyn Arlene Grolitzer
Atul Gupta
Richard M. Hall
Jeremy J. Hansen
Joshua Higgin
Xin Jia
Hideya Koizumi
Gwangrog Lee
Donald R. Lynch
Elizabeth L. Malson
Shalaunda M. Mclean
George Mclendon



Christian Melander
Nicholas C. Morosoff
Jayaprakash Narayanannair
John A. Novinski
Geoffrey O. Okelo
Gilles P. Ouvry
Dorothy Overby
Timothy H. Sanders
Mustapha Soukri
Russell A. Stapleton
Johanna D. Stephens
Julie M. Sullivan
Vincent Sullivan
Chad Tatko
Alexei A. Valiaev
Cuiying Wang
Ronald A. Wassel
Katherine Weaver
Matthew T. Whited
Eric N. Wyman
Julianne M. Yost
Shuo Zheng



COMMITTEE ON CHEMICAL SAFETY WEBSITE

The ACS Committee on Chemical Safety (CCS) provides advice and counsel on the handling of chemicals, and seeks to ensure safe facilities, designs, and operations by calling attention to potential hazards and stimulating education in safe chemical practices. CCS has developed publications such as Safety in Academic Chemistry Laboratories, Safety Audit/Inspection Manual, and Safety in the Elementary (K-6) Science Classroom. For more information, including on-line publications and resources, visit the CCS website at: <http://chemistry.org/committees/ccs>

NATIONAL CHEMISTRY WEEK

October 17-23, 2004

The local section is teaming with staff from the North Carolina Museum of Natural Sciences in celebration of National Chemistry Week 2004. The theme for this year's National Chemistry Week (NCW) activities is "Health and Wellness". This event will be held at the museum in downtown Raleigh on Saturday, October 23 from 10AM-5PM. For additional information regarding volunteer opportunities for this event, please contact the local section's NCW coordinator, Meredith Storms



(meredith.storms@uncp.edu)

NC ACS 2004 Scholarship Awards

The scholarship committee has chosen the recipients of the 2004 ACS Scholarship. Nine applications were considered for this year's scholarships. There were two outstanding applications that committee member votes identified:



John Robert Williamson, NCSU -
Dr. Jonathan Lindsay (Advisor)

Kristina LeAnne Toups, NCSU -
Dr. Maria Gallardo-Williams (Advisor)

Each student receives a \$1,000 award to further his or her research in the chemical sciences. Congratulations to John and Kristina as well as to all of the other outstanding applications! We hope that you will all continue your studies in chemistry. For information regarding future

scholarship opportunities, please contact:

Bryce Chaney
ACS Scholarship
ChairBryce_Chaney@bd.com

Project SEED 2004 Symposium

On Thursday afternoon and Friday morning, July 29th and 30th, twenty-two Project SEED I and II participants presented the results of their research projects in The Project SEED 2004 Final Symposium held at the CIIT Center for Health Research in the Research Triangle Park. Mr. Kenneth Cutler, Program Director for the N.C. Section Project SEED, served as Master of Ceremonies and was assisted by the Site Coordinators for Duke University (Mr. B. Ross), N.C. State University (Mr. E. Constantine), and UNC at Chapel Hill (Mr. M. Cherry). Attending the excellent presentations were family members of the presenters, faculty mentors and staff of the three universities, CIIT personnel, and members of the N.C. Section. The quality of the presentations and the preparations of the Project SEED I and II students caused at least one attendee to say, "...this bodes well for the future of chemistry."

Organizational aspects of the Project SEED Program in the N.C. Section were funded by an extension of a grant from the Burroughs Wellcome Fund and other grants from Progress Energy and Golden Corral. We are indebted to CIIT Center for Health Research for providing office space and poster making equipment for the Program and to parent's group (PRESS) for encouraging their young people by supporting social events and travel to conferences and meetings for Project SEED participants.

Although the final report for the 2004 Project SEED program will not be available for several months, it is worth noting that the N.C. Section's 2003 Project SEED Program had the largest number of Project SEED II students in the nation, that recently a former Project SEED student was inducted into Phi Beta Kappa at N.C. State University, and that three Project SEED participants were Siemens-Westinghouse semifinalists.

**National
Chemistry
Week**

**NC ACS 2004
Scholarship
Awards**

We hope that each of you will consider making a donation to Project SEED with your ACS dues or through our Local Section.

*Submitted by:
Dr. John A. Myers*

**YCC
Committee
Update**



Younger Chemists' Committee Update

The North Carolina local section Younger Chemists' Committee (NCYCC) was nominated for two ChemLuminary Awards at the 2004 ACS meeting in Philadelphia. The nominations were for activities carried out throughout 2003, and included Best Overall Local Section YCC, and Most Creative YCC Event.

During each of the previous four years, the NCYCC has won at least one ChemLuminary Award. This year, we captured the award for the Most Creative Event! This was particularly gratifying, since it was the only YCC ChemLuminary Award that we had not yet received. The award was given in recognition of an event called "Operation Troop Support." For this event, YCC members around the triangle collected care goods to be delivered to the troops in Iraq. Chemists also sent messages of support, and offered addresses to the troops if they were interested in becoming pen pals. The event was a great success, and has captured the attention of high-ranking members of the ACS. Special thanks goes to Cindy Mittman for organizing this event. I was pleased to accept the ChemLuminary Award on behalf of the NCYCC at the recent ACS national meeting in Philadelphia.

The NCYCC will be co-hosting a mixer at the 2004 Southeastern Regional Meeting of the ACS (SERMACS). We are excited to

announce that Joe A. Vinson of the University of Scranton will be delivering a presentation entitled "Drug Screening in Physiological Samples: An Olympian Task." In addition, refreshments will be served. This should be an exciting event and great networking opportunity for chemists of all ages.

The NCYCC is currently in a rebuilding year, and we are interested in recruiting new members and leaders. Anyone who is interested should contact me at: chris.lowden@synthematrix.com.

*Submitted by:
Chris Lowden*

North Carolina ACS Section Wins Two 2003 ChemLuminary Awards



The North Carolina Section was presented with two ChemLuminary Awards at the American Chemical Society's national meeting in Philadelphia this August. The "Most Innovative Use of Technology" ChemLuminary was awarded in recognition of the Tecan Robot demonstration at the 2003 North Carolina State Fair. The Younger Chemists' Committee also won the "Most Creative Event" ChemLuminary Award for their outstanding volunteer effort with "Operation Troop Support", which collected supplies for U.S. troops serving abroad.

The ACS established the ChemLuminary Award to recognize the volunteer efforts of its membership. The North Carolina Section was nominated for a total of seven ChemLuminary Awards for outstanding volunteer effort in 2003.



**2003
ChemLuminary
Awards**



**SERMACS 2004 Joint Conference
The Southeastern Regional Meeting of
the American Chemical Society Two-
Year College Chemistry Consortium
Research Triangle Park, North Carolina
November 10-13, 2004**

<http://membership.acs.org/s/serm2004/index.html>

**SERMACS 2004 Workshop
Announcement**

**Teaching Chemical Information: Tips
and Techniques**

Date: Friday, November 12 Time: 1:00 PM

Location: Sheraton Imperial Hotel

Registration Fee: \$10 (Div CINP members) \$25 (non member rate - includes 1-year membership fee); to register, check appropriate box on conference registration form

Instructors:

Leah Solla, Chemistry Librarian,
Cornell University

Kitty Porter, Chemistry Librarian,
Vanderbilt University

Workshop Description:

Students need information to solve chemical problems, and chemical information sources are rapidly increasing in number and variety. This workshop is designed to give faculty, instructors, teaching assistants, and librarians a range of approaches and tools for incorporating chemical information instruction into the chemistry curriculum. Topics include: key chemical information resources, information skills to teach, sources for teaching materials, examples of successful programs, and overcoming barriers to teaching chemical information.

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—Tom Brokaw



**Giving Back
to ACS**

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2004
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The TarHelium Volume 35: Number 1

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THE TARHELIUM

The TarHelium is a publication of the North Carolina Section of the American Chemical Society. The views expressed herein are not necessarily those of the Section. Public lectures and seminars as well as announcements of interest to the ACS membership will be listed as deemed appropriate by the editor and as space permits. Short commentaries or contributed articles will also be considered. Also, we are happy to publicize, free of charge, any job openings for chemists. We also accept paid advertisements for more extensive recruiting announcements. The Deadline for each publication is usually the first of the month prior to publication.

NC Section Electronic Communications

The NC Section of the ACS offers two services which may be of interest to members: 1) a listserv and 2) a web page: <http://membership.acs.org/N/NCarolina/>.

The listserv is used for ACS meeting announcements and for job announcements. Unlike some lists, the number of postings is quite limited--usually no more than 3 or 4 a month. This list is moderated, which means that all messages must be approved by the list owner before they are posted. If you have a valid opening within the NC Section, please mail an appropriate announcement to bill_switzer@ncsu.edu. Very occasionally openings outside of the NC Section are posted. If you wish to subscribe, address mail to: mj2@lists.ncsu.edu. The subject field is ignored, but in the message field type: **subscribe NCACS**. Your return address becomes your subscription address. These instructions as well as those for removing your name are linked to the web page.

If you have not looked at the web page recently, please do so. The Executive Committee is committed to making this page a useful resource. It is constantly being updated to include new information. Please feel free to suggest additional links and PLEASE offer to take responsibility for maintaining one or more of the local links. Contact: bill_switzer@ncsu.edu. ■