

The TarHelium



Volume 37, Issue 1

September 2006



Nicolle S. Tulve, Editor

Judi Price, Copy Editor

Jay Brown, Secretary &
Address Information

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FAREWELL TO RETIRING TARHELIUM EDITOR



Dear Friends and Colleagues,

Over the past three years, it has been my privilege to serve as Editor of the TarHelium. My sincere hope is that you have found our newsletter to be a useful tool in staying informed about chemistry in our area.

In covering events for the TarHelium, I was always amazed by the scope of the chemistry work and the expertise of chemistry professionals within our Local Section. I step down as Editor having formed the opinion that our area might be unique in the diversity of career opportunities that are available to chemistry professionals. I encourage each of you to make the most of your ACS membership and the opportunities that it affords by becoming involved in Local Section outreach events and functions.

Finally, I would like to express my heartfelt gratitude for all of the hard work that Judi Price, our Copy Editor, has done for our Section over the past three years. It has been a pleasure to work with her.

*Warm regards,
Keith Levine*

INTRODUCING NEW TARHELIUM EDITOR

Dear Friends and Colleagues,

It is with great enthusiasm and excitement that I begin my journey as the new Editor for the TarHelium. My journey cannot begin without a grateful acknowledgement and heartfelt "thank you" to Keith Levine and Judi Price, who have both worked very hard to make this transition as seamless as possible. I look forward to the challenge of keeping you informed on all the latest and greatest chemistry news.

As you may recall from the last issue, we are beginning the transition to paperless news. A hard copy of the newsletter will be mailed to those folks who request it, but for all others, a link will be emailed to you letting you know that the latest issue is available on the NC ACS website.

If you have any suggestions for content that you would like to see included in future issues of the TarHelium, please send me an email. With chemistry such an interdisciplinary field, I hope to expand the content of the TarHelium to meet the needs of the readership.

I look forward to serving as the Editor of the TarHelium. I am grateful to the Executive Committee for offering me the opportunity to serve as Editor and help advance the newsletter.



Nicolle Tulve



NCACS EXECUTIVE COMMITTEE

C. Goss, Chair

A. Tonelli, Chair-Elect

J. Brown, Secretary

J. T. Bursey, Treasurer

The TarHelium

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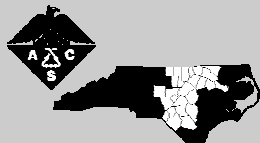
Nicolle S. Tulve, Editor

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 R. Davison, SCC

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 2007 calendar year. All elected officers of the Section serve on the Executive Committee that normally meets on a monthly basis during the academic year. The following positions are open:

Chair-Elect (2-year term)

During the first year, the Chair-Elect organizes the Local Section Conference in April, assists the Chair with management of the Section, and represents the Chair in his or her absence. The Chair-Elect then serves as Chair in the second year of the term.

Treasurer (2-year term)

The Treasurer is the financial officer of the Section.

Councilor (3-year term) (two positions open)

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

Alternate Councilor (3-year term) (two positions open)

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

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 Sol Levine (naturpix@mindspring.com) as soon as possible. Biographical sketches of the candidates will be published along with the Local Section's ballot in the October/November issue of the TarHelium.

120TH NC ACS LOCAL MEETING IN DURHAM

The 120th NC ACS Local Meeting was held at North Carolina Central University on April 22, 2006. Over 100 people registered for the one day meeting with more than 50 technical presentations given in various topic areas including analytical chemistry, biochemistry, inorganic chemistry, environmental chemistry, nuclear magnetic resonance, organic chemistry, physical chemistry, and polymer chemistry. ACS President Ann Nalley participated in the meeting and presented an Industrial Sponsor Award to GlaxoSmithKline for their major support of the ACS Scholars Program. The 2006 NC ACS Distinguished Lecture Award went to Dr. John Simon in the Department of Chemistry and Biochemistry at Duke University. The 2005 Chair's Awards went to Dr. Laura Sremaniak at North Carolina State University and Dr. Keith Levine at Research Triangle Institute. The 2006 Marcus E. Hobbs Award went to Dr. Kenneth Cutler, the Director of the NC ACS Project SEED program.

CUTLER NAMED 2006 MARCUS E. HOBBS AWARD RECIPIENT

The Marcus E. Hobbs award was presented to Mr. Kenneth Cutler at the 120th NC ACS Local Sectional Conference held at North Carolina Central University on April 22, 2006. This award was established in 1988 to recognize members who have made significant, long-term contributions to the North Carolina Section of the American Chemical Society. The award was named for Marcus E. Hobbs (Duke University, Department of Chemistry), a model ACS member who has worked closely with the North Carolina Section since he was Chair in 1945.



For the past 15 years, Mr. Cutler has been the Project Director for the North Carolina Local Section of the American Chemical Society's (ACS) Summer Educational

(Continued on page 3)



CALL FOR VOLUNTEERS

ACS PARTICIPATION AT THE 2006 NORTH CAROLINA STATE FAIR

The NC ACS Section will again participate in the North Carolina State Fair. But, unlike in 2005, we will have **both** a chemistry booth and present chemistry stage shows in the "Our Land, Our Legacy" tent. **We will need more volunteers this year.** All members of the Local Section (YCC, SCC, student affiliates, and others) are encouraged to participate. New volunteers will be paired with volunteers who have worked at the fair in previous years. Volunteers will receive free admission to the Fair and will also have the chance to earn a State Fair t-shirt. Please read the details below:



NC
State Fair
October
13-22, 2006

When: October 13-22, 2006

Where: State Fairgrounds, Raleigh, NC. Additional information about the NC State Fair is available online: <http://www.ncstatefair.org/2006/>

About our Stage Show: The times of the presentations have not been assigned yet, but we are expecting at least four presentations each day. Volunteers are asked to help with managing the crowds, answering questions about the presentations, and presenting stage shows (if interested). 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 volunteer, we will be happy to display your company logo as part of a PowerPoint presentation given during the stage shows.

Questions: Contact the Organizer:
Bill Switzer (bill_switzer@ncsu.edu)

Ready to Volunteer: Contact the Organizer, or fill out the online form: <http://www2.ncsu.edu/ncsu/chemistry/outreach/ACSnc/sfvolunteers.html>

(Marcus E. Hobbs Award—Continued from page 2)

Experience for the Disadvantaged (Project SEED). The mission of Project SEED is to recruit, encourage, and support talented disadvantaged high school students to pursue careers in chemistry, chemically-related science disciplines, and engineering, by providing the most comprehensive scientific research internship experience possible. Under his directorship this Project SEED model is nationally-recognized by the National Science Foundation's Committee on Equal Opportunity in Science and Engineering and the National Academy of Science's Committee on Science, Engineering, (COESE) and Public Policy (COSEPUP) as one the best practices for increasing the number of minorities that are underrepresented in the sciences. Mr. Cutler is a nationally recognized science educator, winning several national awards including the prestigious Presidential Award for Excellence in the Teaching of Mathematics and Science from President Clinton for the state of North Carolina in 1999.

Past recipients of this award can be found on the NC ACS website at:
http://membership.acs.org/N/NCarolina/hobbs_awards/index.html

2006
Marcus
Hobbs
Award

2006 NC ACS Distinguished Lecture Award**2006 NC ACS DISTINGUISHED LECTURE AWARD**

John Simon, Professor of Chemistry at Duke University, was honored with the 2006 NC ACS Distinguished Lecture Award at the 120th NC ACS Sectional Conference held at North Carolina Central University on April 22, 2006.

His presentation was entitled "Probing the Chemistry of Human Pigments". Human pigments play an important role in controlling oxidative stress in human tissue. Melanin, a generic term to describe the dark pigments, mitigates such stress in the brain, eye, and skin. While all the pigments are grouped under a common name, the chemical properties of neuro, ocular, and skin melanin differ. It is reasonable to hypothesize the function of melanins differ among pigmented tissues, and oxidative damage to these pigments can induce tissue-dependent biological responses. To understand how human melanins affect oxidative stress requires knowledge of the electrochemical properties of the surface of the intact pigment deposit and/or individual melanosomes. Adverse effects on neurological function or vision may result from localized damage to the pigments, and therefore the most desired information is spatially-dependent properties of these organelles. Specific goals of this work include: to provide new insights into the etiology of neural degeneration observed in pigmented regions of the human brain through understanding of the chemical and spatially-dependent electrochemical properties of neuromelanin; to provide new insights into the etiology of macular degeneration by understanding the relationship between melanosomal damage and increased aerobic reactivity of ocular melanosomes in the retinal pigment epithelium (RPE); and determine the role of lipofuscin in compromising RPE melanosomes as the human eye ages. This talk will introduce the pigment field, report of chemical and structure studies used to characterize the pigments, and then present the current results from an array of physical techniques followed by a discussion of their implications.

Professor Simon received his B.A. from Williams College in 1979 and his Ph.D. from the Department of Chemistry at Harvard University in 1983. After a postdoctoral



fellowship with Professor M.A. El-Sayed at UCLA, he joined the Department of Chemistry and Biochemistry at UCSD in 1985. Simon has earned numerous fellowships and awards for his scientific work, including the Presidential Young Investigator Award, Alfred P. Sloan Fellowship, Camille and Henry Dreyfus Teacher Scholar Award, and the Fresenius Award. He is a fellow of the American Association for the Advancement of Science and the American Physical Society. He has authored more than 190 publications, three books, and has given more than 200 invited presentations on his research. His textbook on physical chemistry, coauthored with Don McQuarrie, has become the standard book for this junior level course in the United States and has been translated into several languages. He is currently the editor of *Photochemistry and Photobiology*.

Simon came to the Department of Chemistry at Duke University as the George B. Geller Professor in 1998. He chaired the Department of Chemistry at Duke from 1999 to 2004 and assumed his current position as Vice-Provost for Academic Affairs in January 2005. As Vice-Provost, he is responsible for the administrative oversight of Duke's strategic planning process, the oversight of research planning centers in the areas of basic science and engineering, and promoting research and teaching across traditional scientific boundaries.

ACS SHORT COURSES IN DURHAM, NC DECEMBER 4-8, 2006

Catalyze Your Career with Expert Training
from the American Chemical Society

- **NEW! Essentials of Medicinal Chemistry & Pharmacology**
December 7-8
<http://www.chemistry.org/portal/a/c/s/1/acdisplay.html?DOC=education%5cprofessional%5cscbp38.html>
- **NEW! Essentials of Organic Chemistry**
December 4
<http://www.chemistry.org/portal/a/c/s/1/acdisplay.html?DOC=education%5cprofessional%5cscop16.html>
- **Experimental Design for Productivity and Quality in R&D**
December 6-8
<http://www.chemistry.org/portal/a/c/s/1/acdisplay.html?DOC=education%5cprofessional%5cscse02.html>
- **Fundamental Pharmacokinetics**
December 8
<http://www.chemistry.org/portal/a/c/s/1/acdisplay.html?DOC=education%5cprofessional%5cscbp39.html>
- **Interpretation of Mass Spectra**
December 6-8
<http://www.chemistry.org/portal/a/c/s/1/acdisplay.html?DOC=education%5cprofessional%5cscsp06.html>
- **Laboratory Safety & Health**
December 6-8
<http://www.chemistry.org/portal/a/c/s/1/acdisplay.html?DOC=education%5cprofessional%5cscqr03.html>
- **Statistical Analysis of Laboratory Data**
December 5-7
<http://www.chemistry.org/portal/a/c/s/1/acdisplay.html?DOC=education%5cprofessional%5cscse07.html>
- **Synthetic Organic Chemistry: Modern Methods and Strategies**
December 7-8
<http://www.chemistry.org/portal/a/c/s/1/acdisplay.html?DOC=education%5cprofessional%5cscop07.html>
- **Technical Report Writing Made Easy**
December 5
<http://www.chemistry.org/portal/a/c/s/1/acdisplay.html?DOC=education%5cprofessional%5cscmb17.html>

(continued)

Site: Hilton Durham (near Duke University)
3800 Hillsborough Road
Durham, NC.
Telephone: (919) 383-8033

For more information, check the web at :
<http://www.chemistry.org/portal/a/c/s/1/acdisplay.html?DOC=education%5cprofessional%5cscprogramdurham.html>

SERMACS 2006

Linking Chemistry in the Southeast

The Southeastern Regional Meeting of the American Chemical Society (SERMACS) will be held at the Augusta Marriott Hotel and Suites in Augusta, Georgia from November 1-4, 2006. The conference will be hosted by the ACS-Savannah River Section in collaboration with the AIChE-Central Savannah River Section. Special events include a vendor exposition, opening reception, diversity reception, and a graduate school fair, just to name a few. Twenty-four symposia topics will be available during the meeting. Detailed information about the meeting is available on the web at:

<http://www.SERMACS2006.org>



LOCAL ACS DISCUSSION GROUPS



Chemical Education Discussion Group:
<http://membership.acs.org/N/NCarolina/chemed/index.html>

Polymer Discussion Group (PDG):
<http://membership.acs.org/N/NCarolina/pdg/>

(Continued on page 6)

ACS Short
Courses in
December
2006

SERMACS
2006

Local
ACS
Discussion
Groups

Local
ACS
Discussion
Groups

Senior Chemists Committee (SCC):
<http://membership.acs.org/N/NCarolina/scc/index.html>

Triangle Chromatography Discussion Group (TCDG):
<http://www.rtpnet.org/tcdg>

Triangle Magnetic Resonance Discussion Group (TMRDG):
<http://membership.acs.org/N/NCarolina/tmrdg/>

Triangle Area Mass Spectrometry Discussion Group (TAMSDG):
<http://biochem.ncsu.edu/TAMS/>

Younger Chemists Committee (YCC):
<http://membership.acs.org/N/NCarolina/ycc/index.html>

Links to the Local ACS Discussion Groups can also be found from the NC ACS homepage:
<http://membership.acs.org/N/NCarolina>

NC ACS 2006 SCHOLARSHIP AWARD WINNERS

—Contributed by Bryce N. Chaney, *BD Technologies, Chairperson of the Undergraduate Scholarship Committee*

There were four ACS Undergraduate Scholarships awards for the 2006-2007 school year. The Executive Scholarship Committee selected each of the following outstanding students from a highly competitive pool of 10 applicants currently attending Duke University, North Carolina State University, and the University of North Carolina at Chapel Hill. Each student is strongly encouraged to present his/her work at the 2007 NC-ACS Local Section Conference to be held in April, 2007. Those Scholarship Winners who present their work at the Local Section Conference will be treated, along with their sponsoring professors, to a formal dinner to celebrate their achievements. Congratulations!

Andrew Mehta, Duke University - Advisor, Dr. Alvin Crumbliss

Selected to receive the \$2400 NC-ACS 1st Place Award: Andrew desires to pursue a PhD in chemistry and has worked throughout the summer in Dr. Crumbliss' laboratory. He is currently studying the iron transport mechanism and the interactions between siderospores and cellular

membranes. He intends to purchase specialty glassware and chemicals to construct membrane transport cells necessary to study iron transport mechanisms.

Katherine Fraley, NC State University - Advisor, Dr. Jan Genzer

Selected to receive the \$1400 NC-ACS 1st Runner-up Award: Katherine desires to pursue a PhD in chemical engineering and might one day teach in the field. Currently, Katherine is studying silicone elastomer networks (SEN) with customized mechanical properties. SEN's may be used in a number of applications ranging from "smart" pressure-sensitive drug delivery vehicles to "release on demand" mechanically-triggered polymers. Katherine will use scholarship funds to purchase reagents and materials for her research as well as attend the 2006 National ACS Conference where she intends to present her research.

Drew Schwartz, Duke University - Advisor, Don Coltart

Selected to receive the \$900 NC-ACS 2nd Runner-up Award: Drew plans on pursuing a MD/PhD where he feels his strong background in chemistry will enable him to better understand the interactions between the body and pharmaceuticals. He is currently working to synthesize inhibitors of CDC25 phosphatase, an important cell cycle regulator which has been shown to be unregulated in a number of cancers. Drew plans on using the funds to purchase reagents and chemicals necessary for the synthesis of and biochemical assays for CDC25 phosphatase inhibitors.

Yuting Fan, Duke University – Advisor, Dr. Laura Rusche

Selected to receive the \$900 NC-ACS 2nd Runner-up Award: Yuting plans on pursuing a PhD degree to become a research scientist, most likely focused upon developing practical, cost-effective solutions to ailments such as epidemics and cancer. He is actively involved in Duke's Intercollegiate Genetically Engineered Machine Team Competition (iGEM) and hopes to utilize his biochemistry training to help out team members as they compete at MIT in the fall of 2006. His current research is focused upon histone deacetylation modifications

2006 NC
ACS
Scholarship
Award
Winners

and chromatin-mediated gene repression. Yuting will use the scholarship funds to purchase reagents for his biochemistry laboratory work and possibly for the iGEM competition.

NATIONAL CHEMISTRY WEEK - OCTOBER 22-28, 2006

CHEMISTRY DAY at the NC Museum of Natural Sciences

SATURDAY, OCTOBER 21, 10 AM – 4 PM
"Your Home – It's All Built on Chemistry"

Chemical craziness at the Museum! Join in the fun and discover that chemistry is cool as the Museum and the NC ACS concoct a day full of awesome chemistry experiments, magic, exhibits and special presentations. This year's theme is "Your Home: It's All Built on Chemistry."



General information about chemistry careers will be provided by area employers. The event will be held at the Museum of Natural Sciences in downtown Raleigh on Saturday, October 21, 2006 from 10 am to 4 pm. Museum information is available at:

<http://www.naturalsciences.org>.

Last year, over 1,600 people of all ages and backgrounds packed the museum exhibit hall to help deliver a positive message about the contributions of chemistry to our lives.

Please volunteer by contacting the Local Section's National Chemistry Week Coordinator, Meredith Storms at stormsm@uncp.edu or (910)521-6427.



2007 NATIONAL ORGANIC CHEMISTRY SYMPOSIUM

—Contributed by Duke University
Department of Chemistry Newsletter

Duke Chemistry will host the 2007 National Organic Chemistry Symposium from June 3-7, 2007. This Symposium is the premier event sponsored by the Division of Organic Chemistry of the American Chemical Society, and it highlights recent advances in organic chemistry. The 40th

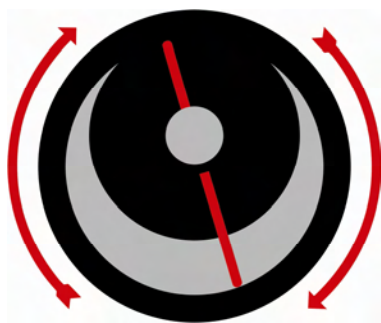


Symposium consists of 13 invited speakers, plus the 2007 Roger Adams Awardee. The lectures will be presented during morning and evening sessions at the elegant Page Auditorium on the Duke University Campus. The goal of the Symposium is to present a distinguished roster of speakers that represents the current status of the field of organic chemistry, in terms of breadth and creative advances.

**National
Chemistry
Week
10/22-28/06**

**Chemistry
Day in
Raleigh
10/21/06**

**2007
National
Organic
Chemistry
Symposium**



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High School
Chemistry
Olympiad**HIGH SCHOOL - CHEMISTRY
OLYMPIAD**

—Contributed by Sarah G. Allen, NCSSM
Chemistry/Local Section HS Chemistry
Olympiad Coordinator

The U.S. National Chemistry Olympiad (USNCO) is a multi-tiered competition designed to stimulate and promote achievement in high school chemistry. The Goals of the USNCO and the Annual Schedule are set by a subcommittee of the ACS Society Committee on Education (SOCED). The different levels of



the USNCO include:

- **Local Competitions:** ACS local sections are vital to the success of the USNCO. They conduct local competitions to select nominees for the national exam. Local sections select their nominees by various means including: the USNCO local section exam, a locally-prepared exam, laboratory practicals, teacher recommendations, or other regional

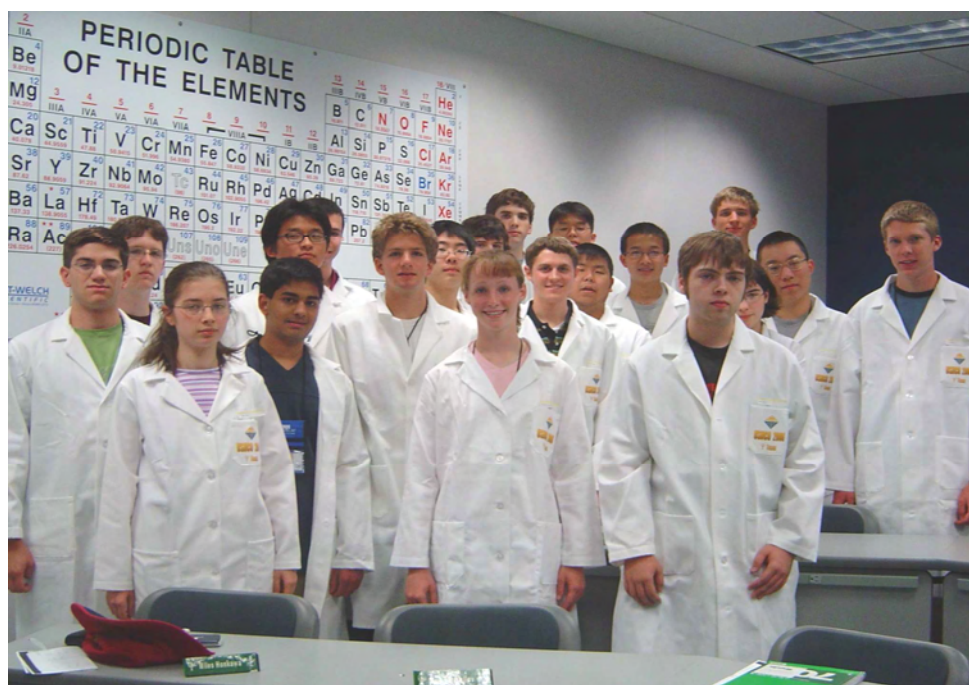
events with competitive activities among school teams. Local competitions usually occur in March. In the NC section, we use the USNCO local section exam.

- **National Exam:** The USNCO national exam is a three-part, four and one-half hour, exam administered in late April by ACS local sections. Part I is a multiple choice examination covering a broad range of topics; Part II is a free-response section; Part III is a laboratory practical.

The NC section had 15 students from 9 high schools come to NCSSM to participate in the three part exam on April 21st.

Aamir Husain, Terry Sanford High School; John Pardon, Alexander Trahey, Durham Academy; Shivani Sud, Peter Linnartz, Jordan High School; Abhishek Sarkar, Green Hope High School; Yakov Berchenko-Kogan, Broughton High School; Mark Hallen, Ryan Watson, Cary Academy; Kirsten Wu, Linda Zayas-Palmer, Ravenscroft; Ming Xiao He, Linda Zayas-Palmer, East Chapel Hill High School; Joseph Lozier, Briant Robey, NCSSM

- **Study Camp:** Twenty of the top scoring students from the USNCO national exam are invited to a two-week study camp held at the U.S. Air Force Academy in Colorado Springs, CO. Under the



2006 Study Camp students at the U.S. Air Force Academy, Colorado

Photo by David Armer, U.S. Air Force Academy Photo Lab

tutelage of three mentors, the students attend lectures and work in the laboratory. The host IChO country provides a set of preparatory problems and topics considered basic knowledge for the IChO. These are used to guide the curriculum at the study camp. Typically, work at the study camp covers inorganic, organic, physical, analytical, and biochemistry at a second or third-year college level. Mark Hallen was selected to participate in the Study Camp at the US Air Force Academy.

- **International Chemistry Olympiad:** The 38th International Chemistry Olympiad was held in Gyeongsan in the Republic of Korea in 2006.

The goals of the Olympiad are:

- to stimulate all young people to achieve excellence in chemistry;
- to recognize outstanding chemistry students and, by doing so, encourage additional learning at a formative time in their intellectual development;
- to recognize the excellent achievement of the teachers of these students and the importance of the school environment in which they learn;
- to provide contact between ACS local sections and area schools and foster the interest and influence of professional chemists in the teaching of chemistry;
- to challenge the chemical knowledge and skills of young students in an international arena; and, to foster cross-cultural experiences and acquaint students with similarities and differences between themselves and their counterparts in other nations.

(<http://www.chemistry.org/portal/a/c/s/1/acsdisplay.html>
DOC=education\student\co02.html)

Questions about the USNCO can be directed to:


Cecilia Hernandez
American Chemical Society
1155 Sixteenth Street, NW
Washington, DC 20036
e-mail at: c_hernandez@acs.org
Website: www.chemistry.org/education/olympiad.html

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Olympiad

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Seminar Schedules for Local Universities

SEMINAR SCHEDULES FOR THE LOCAL UNIVERSITIES

Duke University Department of Chemistry:

For complete details and updates, check the online activity calendar at <http://www.chem.duke.edu/calendar/index.php>

Duke University Department of Biochemistry:

For complete details and updates, check the online activity calendar at <http://www.biochem.duke.edu/BchmSeminar>

University of North Carolina Department of Chemistry Seminar Schedule:

For complete details and updates, check the online activity calendar at <http://asp.chem.unc.edu/calendar/seminar.asp>

University of North Carolina Department of Biochemistry Seminar Schedule:

For complete details and updates, check the online activity calendar at <http://www.med.unc.edu/wrkunits/2depts/biochem/seminars.htm>

North Carolina State University Department of Chemistry Seminar Schedule:

For complete details and updates, check the online activity calendar at <http://www2.ncsu.edu/ncsu/chemistry/seminarfall2006.html>

North Carolina State University Department of Biochemistry Seminar Schedule:

For complete details and updates, check the online activity calendar at <http://biochem.ncsu.edu/seminar.php>

WELCOME TO OUR NEWEST NORTH CAROLINA ACS MEMBERS

R. S. Abendan	Muthiah Chinnasamy	John Fromwiller	Marcus Hunt	Ken Lomartire
C. M. Aberg	Sarah Chobot	Girong Fu	Lissa Huston	Michael Malone
L. Adamopoulos	Peter Cizmarik	Marianne Fuieler	Prasad Ika	Heidi Mansour
T. Akiyama	Jeffrey Clark	James Gage	Lindsey Ingeman	Larry Markoski
W. Al-azzam	H. J. Clewell	Ashley Galloway	Elizabeth Irish	Erica Martin
K. Amponsahmanager	Aron Cohen	John Gasdaska	Douglas Irving	Rashmi Maruvada
J. Arroyo	Coray Colina	David Gaul	Brenda Jackson	Thomas Matthews
E. Ascitutto	Brian Collins	Jay Gehlhausen	Carl A. Jennings	Carla Mattos
A. T. Ashe	Adam Connor	Tabitha George	Mark Jensen	Jennifer McCafferty
J. I. Ausec	Bettina Cremer	Costin Gherghe	Sung Lan Jeon	William McCall
Rees Terence Keith	Carlisle Crenshaw	Ajit Ghorpade	Rong Jiang	Delisa McEwan
Baker	Matthew Cowe	Hegui Gong	Gregory Johnson	Jill McFadden
T. E. Ballard	Garry Cunningham	Kyoko Goto	Carol Joud	Keith McNeely
D. E. Barber	Winifred Curley	Arif Gozen	Andrea Juliani	Thomas McPhatter
Dena Barret	Ajit Joseph D'souza	Stephanie Gratton	Jung Ho Jun	Pamela Meadows
Shawn Bartley	James Dagger	Arnold Greenleaf	Rajashaker Kache	Kim Metera
E. W. Baum	Donghua Dai	Stephen Greszler	Diane Kalendra	Molly Miller
C. A. Beasley	Joan Dalla Riva Toma	James Grichnik	Gregory Kalyuzhny	Joshua Moore
Matthew Bentley	George Daul	Diane Grove	Lee Katrincic	Paula Mori-Sanchez
Eric Bentz	Andrea Deal	Anderson Guerra	Eric Kaufman	David Muddiman
R. R. Bhat	Jonathan Decamp	John Gunter	Stephen Kelley	Andrew Murphy
Jayeeta Bhaumik	C. I. Deciantis	Zhong Guo	Justin Kennemur	S. Ambujaksha Nair
Nan Bing	Giuseppe Dello Jacono	Joshua Gurkin	Marie Kerlau	Ved Naithani
G. A. Blankenship	Mitchell Delong	Srinivas Gurrula	Raed Khashan	Cyprian Ogbu
J. B. Chertudi	Samuel Delp	Michael Guthrie	Chetna Khosla	Pauline Ondachi
Ken Boda	Tracy Denaro	Mallinath Hadimani	Kathryn Kilby	Ali Ozcam
Emily Boehler	Daniel Derbyshire	William Hanson	Bumjoon Kim	George Painter
Kyle Bolduc	Marina Dickens	Philip Hanst	Stephen Kipp	Merton Pajibo
Katalin Borbas	Nikolay Dokholyan	Amy Hargis	Trista Kohel	Norma C. Pangilinan
Michelle Bowman	Aaron Downey	Shana Harrelson	Sujatha Kondubhotla	Ji Young Park
Jamie Boyce	Liang Du	Syed Hashmi	Hagit Kornreich-Leshem	Sidney H. Parrish
Matt Bramlett	Libin Du	Michael Hast	Kevin Koski	Anand Patel
Kevin Braun	Julie Dupont	L. Q. Hatcher	Abraham Kotliar	Arvind Pathak
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- Newsletter issues will be posted online in September, November, February, and April of each calendar year.
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The NC Section of the ACS offers two services which may be of interest to members: 1) a list server and 2) a web page: <http://membership.acs.org/N/NCarolina/>.

The list server 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.

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