



The TarHelium

Volume 31, Number 5

July, 2001



2001

STATE OF THE SECTION

- Call for 2002 NC-ACS Officer Nominations
- Chemistry Olympiad National Exam Qualifiers
- Call for Volunteers - NC State Fair IBM Biotech Booth
- Reports - Local Section Conference, Senior Chemist
- ACS Launches New Service
- 2002 National Chemistry Technical Award
- Project SEED Mentors/Students

Carroll wins 2000 Southern Chemist Award

F. Ivy Carroll, vice president of chemistry and life sciences at Research Triangle Institute (RTI), has been selected as the recipient of the 2000 Southern Chemist Award. This award, given annually by the ACS Memphis Section since 1950, recognizes distinguished service and accomplishments in the southern region. The award, which consists of a gold medal and an honorarium, was presented at the section's December meeting.



Carroll's significant contributions to organic and medicinal chemistry have been documented in approximately 350 publications and more than 30 patents. He has applied rational design and synthesis of complex organic molecules to the development of new research tools that have been used to advance our understanding of drug action in the central nervous system.

Carroll received a B.S. degree from Auburn University in 1957 and a Ph.D. degree from the University of North Carolina Chapel Hill, in 1961. He joined RTI as a research

chemist and became director of organic and medicinal chemistry in 1975. Carroll also serves as an adjunct professor at North Carolina State University.

Local Section Nominated for ChemLuminary Awards

Our local section has been nominated for various awards to be presented at the ChemLuminary Awards ceremony to be held at the 222nd ACS National Meeting in Chicago, IL on Tuesday, August 28, 2001 from 8:30-11:30 pm at the Chicago Marriott downtown. This event celebrates the efforts of the volunteers who spend countless hours in service to their local sections and divisions.

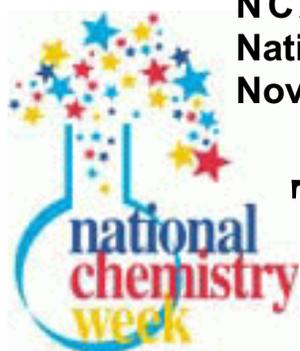
We have been fortunate to be nominated for a variety of awards. The Younger Chemists Committee has been nominated under three categories for their activities in 2000, they are: Most Creative Event, Outstanding Event, and Outstanding Committee. Our congratulations go out to our YCC leadership (Darrell Coleman, Lisa Milstein, Kath Sturgeon, and Matt Clapham) and to our section's younger chemist for such outstanding events and participation.

Our local section was also nominated for the greatest increase in membership involvement for National Chemistry Week. This year Romita Sen is the NCW Coordinator and she has even more events planned (see article in this issue, page 2).

Be sure to attend the ChemLuminary Awards ceremony if you will be at the National Meeting in Chicago to cheer on our local section for all of their hard work and efforts.

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NCACS Celebrates National Chemistry Week November 4-10, 2001

The theme for NCW 2001 is "Celebrating Chemistry and Art" – one that should provide exciting opportunities for enhancing public awareness of chemistry. Events to be held in the Triangle include lectures by Dr. Alfred Bader; a play by Carl Djerassi and Roald Hoffman, "Staging of Oxygen"; and poster and T-shirt design contests.

In order to make this celebration a success, it is important that we reach K-12 students in area schools with positive messages about chemistry. We are seeking NCACS members willing to visit local schools to make a short presentation on Chemistry and Art. Activity booklets and demonstrations in kit form will be provided. Presentations can be made anytime prior to November 4 - 10. Contact with a "real live chemist" should have the added benefit of motivating more students to take part in the poster contest. Members interested in participating in this exciting opportunity to enhance public awareness of chemistry, please contact the NCW Coordinator (below) for further information.

Members are also encouraged to contribute ideas for additional ways to celebrate NCW 2001 in the community. This is our opportunity to communicate the importance of chemistry to as many people as we can in the Triangle area.

Submitted by:
Romita Sen
NCW 2001 Coordinator
romitas@bellsouth.net
(919) 460-8230

All four issues of the TarHelium will accept advertising. The cost is \$25 per column-inch based on a 3.5 inch width; two-inch minimum. There is a 10% discount for advertising in three or more issues in a publication year which runs bimonthly from September through April.

Donations to the NC Section of the ACS help sustain Local Section activities. All contributions are tax deductible and greatly appreciated.

Contact the editor, Brad Sturgeon at
sturgeon@ncssm.edu

Strategic Thrusts of the ACS - 2001-2003



MISSION STATEMENT

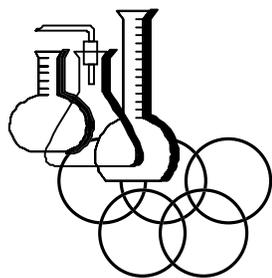
TO ENCOURAGE IN THE BROADEST AND MOST LIBERAL MANNER THE ADVANCEMENT OF THE CHEMICAL ENTERPRISE AND ITS PRACTITIONERS.

Toward that end, the American Chemical Society advances scholarly knowledge, provides professional services and support, communicates with varied audiences, and is actively involved in the science, education, and public policy arenas.

TEN STRATEGIC THRUSTS

- B**e the world's leading provider and deliverer of chemical information.
- P**rovide programs and activities to facilitate the career development of chemical professionals.
- P**rovide programs to improve science literacy of students and ensure quality education in the chemical sciences.
- I**ncrease participation of students and young chemists in the activities of the Society.
- P**rovide programs and activities to encourage the participation and leadership of all aspects of the chemical sciences by women, under-represented minorities, and persons with disabilities.
- E**xpand services to members and prospective members working in industry.
- E**xpand activities at the interdisciplinary boundaries of chemistry.
- E**ncourage funding of research in science, technology, and engineering.
- E**ncourage activities and programs applying scientific principles to environmental issues.
- P**rovide programs and activities to improve the public's recognition and appreciation of the contributions of chemistry.

Local Students Qualify for National ACS Chemistry Olympiad



The North Carolina Section of the American Chemical Society had 13 outstanding high school chemistry students take the National ACS Chemistry Olympiad exam. These students had the highest scores on the regional chemistry exam administered to them by their high school chemistry teachers.

Four hundred thirty-five (435) students from 15 schools took the regional chemistry exam. These students were invited to the North Carolina School of Science and Mathematics to take a six hour National ACS Exam to earn a spot on the National ACS Chemistry Olympiad team that will compete in the International Chemistry Olympiad in Bombia, India this summer. Unfortunately, none of our 13 students qualified for the 20 finalist spots on the US Chemistry Olympiad team, although 3 students scored at the Honors level (see below).

Chemistry Olympiad Competition is administered by the Chemistry Faculty at the North Carolina School of Science and Mathematics. Plaques with the names of the qualifying students are displayed in the students' high schools. Announcements are sent out to all high school in the NC-ACS local section. If you know of anyone who is not receiving an announcement about the regional exam please send an email to Dr. Myra Halpin at halpin@nscsm.edu

Chemistry Olympiad Winners

Student	Teacher	School
Leigh Barnwell	John Karny	Ravenscroft, Raleigh
Hunter Brooks	Karen Lipay	Durham Academy, Durham
George Chao	Loretta Singleton	Jordon High School, Durham
Alex Chescheir*	Donna Kuhl	East Chapel Hill, Chapel Hill
Will Jeck*	Loretta Singleton	Jordon High School, Durham
Derek McCaw	Rhonda Smith	Enloe, Raleigh
Stephen McIntyre	Susan Taylor	Lumberton
Emily Martin	Donna Kuhl	East Chapel Hill, Chapel Hill

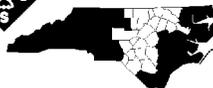
Student	Teacher	School
Matt Mian	Chuck Roser	NC School of Science and Math, Durham
Kate Miller	John Karny	Ravenscroft, Raleigh
Andrew Mlot	Pat Ligon	Broughton, Raleigh
Catharine Ward	Rhonda Smith	Enloe, Raleigh
Paul Wrayno*	Chuck Roser	NC School of Science and Math, Durham

* Scored at the Honors Level on National ACS Exam

Submitted by
Dr. Myra Halpin
NC School of Science and Mathematics



NC -ACS Senior Chemists' Committee



Nineteen (19) Senior Chemists met on April 21, 2001, at NCSU, to form the Senior Chemists Committee. The SCC elected three officers: President, Richard Theuer; Vice President, Raymond Davison; and Secretary-Treasurer, Maurice Bursey. Jim Chao is the liaison from the SCC to the Section Executive Committee.

The SCC exists to encourage continuing participation in the Local Section of ACS by its older members. The primary goal of the SCC is to keep the ACS affiliation important for the chemist over 55.

The SCC customarily meets for lunch on the third Tuesday of each month. Senior Chemists get to know each other by describing their work and accomplishments. Send an email to theuer@worldnet.att.net for details on the next meeting.



Senior Chemist Committee President Richard Theuer (left) and Vice president Raymond Davison

Welcome to Our Newest NC-ACS Members

Aebeyo K. Abraha	Nicole M. Grynawiski
Adwoa Akwabi Ameyaw	Qiong Guo
Rima Salim Al-Awar	Shan He
Shawn Paul Allwein	Sarah R. Holtschlag
Ambroise Arounaguiry	Selena Johnson
Philip I. Atkins	Vishnu Vardhan R. Karnati
Stuart N. Bates	Hiroaki Kuwahara
Brent C. Beck	Millard H. Lambert
Robert J. Brooks	Loic P. Le Hir De Fallois
Joseph Buettner	Jerome F Lech
Marina Canepa	Xi Liang
Dana M. Carey	Gail E. Mahnken
David A. Carlson	Andrew J. Marias
A. C. Clark	Nariman B. Mehta
Corie M. Coffman	Mark Pace
Erin M. Cox	Kristin M. Patterson
James G. Davis	Yoana Jeanette Picornell
Richard A. Dennis	Anil K. Prabhu
Thomas J. Dickerson	Peter Preishuber-Pfluegl
Gerard Joseph Farrell	Joseph L. Raska
Steven Foscatto	Vanessa S. Rhodes
Harvey E. Fries	Elizabeth J. Rowe
Arthur Page Gough, Jr.	Stefan Schilling
John Grimes	Linda D. Shaul

MOVING?



Are you getting the TarHelium and other ACS publications late? Have some items you normally expect not arriving at all? It could be the ACS, and therefore our North Carolina Section does not have the latest information about you.

ACS updates the rosters sent to local sections on a quarterly basis. It is from this roster listing that the section sends information to all of its members. Each time there is a mailing, several pieces are returned to the section (at a fee) due to an incorrect or obsolete address.

See NC-ACS webpage for link to
ACS Address Correction

<http://membership.acs.org/N/NCarolina/>

NC-ACS Members (continued)

Edward Sherman	Michael Wade
Annette Sievers	Roy Wendell Ware, Jr.
Flor Siperstein	Jeff G. Wegrzyn
Arun N. Tholudur	Jeffery L. White
Luke Tolley	Lee E. Williams
Kin Ya Tomizaki	Hui Xu
Kevin P. Troyer	Weiwen Zhang
Biröl Uner	Yu Zhong



NC ACS State Fair Exhibit October 12-21, 2001

This year the NC Section has agreed to participate at the North Carolina State Fair in a new exhibit called the Biofrontiers 2001.

This exhibit, sponsored by the NC Dept. of Agriculture, promotes the Biotechnology Industry and many supporting institutions in North Carolina who work in this area. This represents a transition from the Cyberspace exhibit which appeared for the past 5 years. The space for the exhibit is over 30,000 sq. ft. and includes over a dozen different organizations. There will be transgenic cotton of many colors, comparisons of native vs. hybridized corns, and some of the latest forensic analysis performed by the NC SBI.

The plan which we are developing for this year promises to be every bit as exciting for our section as last year and we expect to show live demonstrations, autosampling robots, and meeting one on one with the public. We will need approximately 50-60 volunteers to work two or more shifts for the 10 days of the Fair beginning Oct. 12. Please put this on your calendars and keep in touch on this once a year happenin'.... check our web page for sign ups this summer. Volunteers will get preferred parking, ticket entry, and a high quality souvenir shirt!

Submitted by
Dr. James L. Chao
IBM Corporation
Councilor for the North Carolina Section and
Liaison to the State Fair



Local Section Conference Report

The local Section Meeting of the North Carolina American Chemical Society was a huge success thanks to all of the ~ 150 scientists who presented and attended. It was held on Saturday April 21st at Dabney Hall on the campus of North Carolina State University (NCSU).

The technical program consisted of seven sections covering a broad range of topics in Analytical, Biological, Inorganic and Organic, Physical, and Polymer Chemistry, as well as in Chemical Education. The Triangle Magnetic Resonance Discussion Group lined up terrific speakers for a dedicated NMR session. This discussion group contribution was well received and we are enthusiastic about having a greater participation from other Discussion Groups in future meetings. The Senior Chemists Committee (recently formed under the NCACS local section) met for the first time on April 21st to launch plans for activities among retired NCACS members (see article in this issue). Dr. Maurice Balik (NCACS chair 2001) presided over the awards ceremony.

The Marcus E. Hobbs Award was presented to Dr. Richard Palmer, Professor of Chemistry at Duke University, and the undergraduate research scholarship was presented to Melanie Pribisko (UNC-Chapel Hill). Twelve NCACS members with more than 50 years of service were recognized at the awards ceremony. The NCACS Distinguished Speaker Award was presented to Dr. Aziz Sancar, professor of Biochemistry and Biophysics at the University of North Carolina at Chapel Hill, and followed by a thoughtful presentation entitled "Photolyase/Cryptochrome Family Blue-Light Photoreceptors use Light Energy to Repair DNA or Set the Biological Clock".

A huge thanks to NCSU for use of the facilities, and to the CIIT Centers for Health Research for preparation and publication of the Program. Bill Switzer (NCSU), George Wahl (NCSU), Mithra Beikmohamadi (NCSU), Susan Cady (NCSU), Carla Williams (CIIT), Darrell Coleman (Sphinx), Matt Clapham (Sphinx), Al Crumbliss (Duke University), Sol Levine (NCACS secretary), Joan Bursey (NCACS treasurer), and all the NCACS executive committee members are greatly appreciated for their efforts in organizing the meeting.

Submitted by:

Susan Sumner, PhD

CIIT Centers for Health Research, RTP, NC
phone: 919-558-1343 - fax: 919-558-1300
email:sumner@ciit.org



Melanie Pribisko, our Undergraduate Research Scholarship Award winner, presents her research on Probing the Origin of Selective Rebinding in Molecularly Imprinted Polymers. Ms. Pribisko works with Professor M. R. Gagne at UNC-CH, Department of Chemistry.

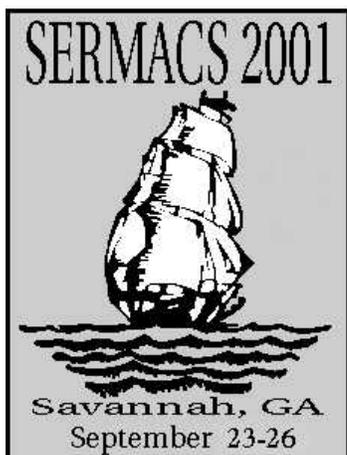


NC-ACS Chair Professor Maury Balik and the 2001 NC Distinguished Lecturer Professor Aziz Sancar



Professor Al Crumbliss congratulates the 2001 Marcus Hobbs Awardee Professor Richard Palmer

Southeast Regional Meeting of the ACS



September 23-26, 2001

**Savannah Marriott, Riverfront,
Savannah, GA**

Hosted by the Coastal Empire Section of the American Chemical Society. Meeting information and on-line abstract submission available at:

(<http://chemistry.armstrong.edu/sermacs/sermacs01.html>.)

Need a Ride?



The NC Section plans to rent a passenger van to travel from Raleigh to Savannah for the Southeastern Regional ACS meeting. We will leave Saturday, September 22 and return Wednesday, September 26. A \$25/person deposit is required which will be refunded upon completing the trip. Reservations will be given on a first come, first served basis and will be confirmed upon receipt of a check for \$25. A waiting list will be maintained. Please email Bill Switzer (switzer@chemdept.chem.ncsu.edu) and send the \$25 deposit to:

NC Section ACS
C/O Bill Switzer
Chemistry-8204
North Carolina State University
Raleigh NC 27695-8204

2002 National Chemical Technician Award

CALL FOR
NOMINATIONS



The 2002 National Chemical Technician Award will be presented to a chemical technician who has demonstrated an extremely high degree of professionalism as a chemical technician. Criteria used to judge the award include technical skills, communication skills, safety, reliability, leadership, teamwork, publications and presentations. Additional professional and community activities are also considered. The award will consist of a trip to the 223rd American Chemical Society National Meeting, April 7-12, 2002 in Orlando, Florida for the awardee and guest. \$1000.00 and a plaque will be presented at the TECH National Chemical Technician Award Banquet at the National meeting.

The ACS defines a chemical technician as a person whose training includes successful completion of a two-year post high school level chemistry curriculum leading to an Associate degree or the equivalent course work in a Baccalaureate program or the equivalent knowledge gained by experience. The primary work of a chemical technician is conducting experimentation and/or correlating information to help solve chemical problems and/or discover new chemical knowledge

Letters of nomination must be received by Christy Yembrick, AstraZeneca Pharmaceuticals LP, 1800 Concord Pike, NLW2, PO Box 15437, Wilmington, DE 19850-5437, no later than September 30, 2001. Nominations, including seconding letters, must not exceed six pages. The nominating letters should address the above criteria. A current work address and phone number must be provided for the nominee and the nominator. E-mail addresses are also requested. A nominee must have worked as a chemical technician for a minimum of five years to be eligible for this award. Nominees need not be a Affiliate or an ACS member to be eligible for this award. This award is administered by the Division of Chemical Technicians of the American Chemical Society and is sponsored by Corporation Associates.

If you need further information, contact *Christy Yembrick* at the above address or via:

Phone: 302-886-4125 FAX: 302-886-5359
E-mail: christy.yembrick@astrazeneca.com

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Call for Nominations NC-ACS



The nominating committee consisting of C. M. Balik (Chair), B. E. Sturgeon, and G. H. Wahl, Jr. has presented the following candidates to run in the fall election for Local Section Officers. If you are interested in running, or know of someone who may be willing to run, please contact C. M. Balik, (919) 515-2126 or balik@ncsu.edu. A biographical sketch of the candidates will be published in the November issue of the TarHelium. Self-nominations are also welcome. The following positions will be filled:

Chair-Elect:

(1-year term)

The Chair-Elect manages the section's program of meetings, assists the Chair with the management of the section, and represents the Chair in his absence. The Chair-Elect will assume the role of Chair in the following year.

John Myers (NCCU)

Secretary:

(2-year term)

The Secretary maintains all current files and records of the section.

Sol Levine (NCSU)

Councilor (2 positions open):

(3-year term)

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

Eric Bigham (GSK)

Bob Morrison (NCSU)

Alternate Councilor (2 positions open):

(3-year term)

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

Bill Switzer (NCSU)

Dick Forbis (UNC-CH)

Shawn Sendlinger (NCCU)

Jeff Macdonald (UNC-CH)

Descriptions of officer responsibilities can be found under the Job Manual link on the NC-ACS website or directly at http://membership.acs.org/N/NCarolina/job_manual.html

Joint Younger Chemists (YCC) and Senior Chemists (SCC) Box Lunch Meeting

The first joint meeting between the YCC and SCC was held on June 22 at Research Triangle Institute (RTI). Dr. Ted Weismann from Duquesne University gave an enjoyable seminar entitled "Looking for oil along Marco Polo's China Adventure: A Petrochemical Exploration". The presentation described the major geological basins of China and determination of the petroleum hydrocarbon potential of those different regions. The talk displayed pictures taken across China at the time of the project, soon after Nixon opened the door nearly 30 years ago. The seminar was very educational and entertaining with three projectors running in unison. The event was attended by more than 40 members between the two groups and many commented on how they liked the composition of the talk and the audience. Given the success of this event the groups are planning future joint events, which may include attending the Durham Bulls game in late August.

*Submitted by
Darrell Coleman, Sphinx*



After socializing and consuming a provided box lunch, YCC and SCC members focus their attention on Dr. Weismann.



Dr. Weismann "orchestrates" a three slide projector. presentation.

NC-ACS Project SEED - Summer 2001



Since 1968, Project SEED, the American Chemical Society's social action program, places economically disadvantaged high school students in academic, industrial, and government research laboratories for 8-10 weeks during the summer to experience "hands-on" research.

Each student completes a chemical research project under the supervision of a scientist/mentor and receives an educational award.

The NC-ACS Project SEED is funded by a generous grant from Burroughs-Wellcome Fund. This 3-year grant made possible the expansion of our program. The number of student participants increased and the quality of activities improved to provide the most comprehensive learning experience possible. Enrichment activities include instruction on scientific methodology, scientific research (Research 101) and Princeton Review SAT Preparation, as well as field trips to NIH, and University of Maryland.

Due to the generosity of CIIT - Centers for Health Research, the NC Local Section Project SEED program has a new home:

NC-ACS Local Section
 CIIT-Centers for Health Research
 PO Box 12137 (6 Davis Drive)
 Research Triangle Park, NC 27709-2137
 919-558-1346 - Voicemail
 919-558-1300 - Fax
 919-558-1200 - General Reception
 Email: NCProjectSEED@ciit.org or
 NCProjectSEED@aol.com

The 2001 Project SEED Preceptors/Students are listed below. Please join me in thanking our preceptors for providing this opportunity for these students.

DUKE UNIVERSITY

Dr. Emmanuel Opara - Jessica Thompkins (Hillside),
Dr. Ken Alexander - Isis Valladares (Hillside),
Dr. Daniel Gerwirth - Bryant Price (Hillside),
Dr. Eric Toone - Thea Jones (Riverside),
Dr. Theodore Pappas/Mr. Curtis Lawson-
 Markeshia Dixon (Northern).

UNIVERSITY OF NC-Chapel Hill

Dr. Roland Arnold - Shelton Jones (Hillside),
Dr. Joseph DeSimone - Lauren. Solomon (Riverside),
 Ari Sanders (Southern).

NORTH CAROLINA CENTRAL UNIVERSITY

Dr. Richard Bukoski - James Davis Jr.(Hillside),
Dr. Derek Norford- Gregory Jeffersonm (Hillside),
Dr. Marilyn Rudd- Ceretta Amos (Riverside),
Dr. Delores Grant - Brandie Bailey (Southern).

NORTH CAROLINA STATE UNIVERSITY

Dr. Alan Tonelli - Walter Davis Jr. (Wakefield),
Dr. Mohed Khaledi - Maryann Quigless (Enloe),
Dr. Daniel Sisler - Chadae Lewis (Enloe),
Dr. James Martin - Steven Townes (Enloe),
Dr. Stephen Franzen - Adrienne Lewis (Enloe),
Dr. William Feldheim -Devin Sanders (Enloe),
Dr. James Novak - Le Bron Sautler (Enloe).

Submitted by
Ken Cutler
 NC-ACS Project SEED Director



Points to Ponder

No problem can withstand the assault of sustained thinking.

- Voltaire (1694-1778)

Worry not that no one know of you; seek to be worth knowing.

- Confucius

You don't lead by pointing and telling people someplace to go. You lead by going to that place and making a case.

- Ken Kesey, Writer



JOB VACANCIES

Employment Aids from the Local Section

As many of you are aware, the NC Section has a web page: <http://membership.acs.org/N/NCarolina/>. This page and the links therein are intended to be a resource for chemists in the Section. There are several links of interest particularly to those seeking employment. One link has a list of companies in the Section who hire ACS members; and another links to classified ads in the local paper and to a job search service for the area as well as to several other less targeted sources. Also there are links directly to company job opening web pages where we have been able to find them and links to some of the services offered on ACS web pages.

An additional resource for the most up-to-date job postings is the NCACS listserver. This listserver is operated as a public service of the NC Section and NC State University. There is no charge to anyone. It is operated as a moderated list, which means that only the list owner can approve posted material. This prevents the list from becoming overwhelmed with inappropriate messages. Only valid job openings and meeting announcements are approved. To subscribe, address mail to: listserv@listserv.ncsu.edu. Include a 1-line message saying: *subscribe ncacs <your name>*

The subject line is ignored and your return address is taken as the subscription address. Anyone having a valid job opening can contact Bill Switzer at: bill_switzer@ncsu.edu. To unsubscribe, reply to any posted message requesting that your name be removed.

Also contact Bill at the same address if you have suggestions for other links that might serve as useful resources on the web page or if you would be interested in taking responsibility for maintaining one or more pages.

ACS Launches a New Service

Jobspectrum.org Connects Job Seekers and Employers in the Chemical Sciences

If you're looking for a job in the chemical sciences or recruiting to fill one, a comprehensive new online service is now available from ACS. JobSpectrum.org, a joint effort of the ACS Publications Division and the Membership Division, is dedicated to connecting job seekers and employers in the chemical sciences. JobSpectrum is now accepting resumes and job ads. Resumes can be posted at <http://www.jobspectrum.org/postresume> while job ads can be posted at <http://www.jobspectrum.org/post> jobs. Services are always free to job seekers and all job ads posted prior to August 31st will be free of charge as an introductory offer to employers.

Beginning June 1, both job seekers and employers can take advantage of JobSpectrum's sophisticated search engines and management tools. Job seekers will be able to search and apply for jobs online and employers will be able to search the resume database and receive online job applications. Additionally, job seekers and employers will be able to create a personal search agent that notifies them by e-mail when a resume or job ad meeting their criteria is posted. Also beginning June 1, JobSpectrum will offer a weekly career column and other career management content. ACS members will have access to member-only features including the Salary Comparator, which is based on ACS's annual salary surveys. Members can also receive feedback and advice from an ACS career consultant.

JobSpectrum is the total career resource Web site for the chemical community and the place for career development resources.

Ag Research Chemist

The Metabolism and Residue Chemistry group has an opening for an Agricultural Chemist. We are looking for an energetic and highly motivated person to join our team as we develop qualitative and quantitative data in support of international registrations of plant protection products. Activities may include the independent conduct of trace level residue analyses in environmental matrices, working with a team of researchers in the development of the analytical methodologies and/or the elucidation of metabolic pathways for our active ingredients. Activities are performed in accordance with EPA Good Laboratory Practices. In addition to carrying out individual experimentation, the incumbent will be required to

participate with others project team members in an open and productive manner. The position requires a M.S. degree in chemistry or a B.S. in chemistry or a related field and a minimum of 3 years of experience in an analytical chemistry environment. The candidate should have hands-on experience in separation technology and in the use of chromatographic instrumentation. Good interpersonal, communication, and planning skills are also necessary.

BASF

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Chemist 1 or 2
(Job ID #60760)

RTI's Organic & Medicinal Chemistry in the Center for Life Sciences is seeking to fill the position of Chemist 1 or 2. The qualified candidate will have a bachelor's degree in chemistry and have the primary responsibility of synthesis of organic compounds. (NL)...

Chemist 1 or Biochemist 1
(Job ID #60739)

RTI's Bioorganic Chemistry is seeking to fill the position of Chemist 1 or Biochemist 1. The qualified candidate will have a BS/BA in Chemistry, Biochemistry, or related discipline. Experience in the use of chromatographic methods preferred; familiarity and/or experience w/ performing work in compliance w/ federal GLP...

Chemist (1/2)
(Job ID #60765)

RTI's Center for Bioorganic Chemistry has an immediate opening for a Chemist. Qualified candidates will have a BS/BA in chemistry with a good knowledge of analytical chemistry techniques, including those of chromatographic analysis, and of basic organic chemistry and demonstrated record keeping skills.

Chemist (1/2); Biochemist (1/2)
(Job ID #60764)

RTI's Center for Bioorganic Chemistry has an immediate opening for a Chemist or Biochemist with a B.S. in chemistry, experience with HPLC, skilled in math (algebra) and with an aptitude for learning new computer programs and technology. Attention to detail and record keeping are essential.

Apply to:

Research Triangle Institute, 3040 Cornwallis Road
Research Triangle Park, NC 27707 jobs@rti.org.

TRIMERIS, INC. OPENINGS

Trimeris, Inc. is a publicly held biopharmaceutical company focusing on the discovery and development of a new class of antiviral therapeutics.

Biophysical Chemist

Job Code: 03-062401-1 -N&O

MS in Chemistry with 4-6 years of experience or PhD in Chemistry with 0-3 years of related Scattering, Circular Dichroism, Analytical Ultracentrifugation, Fluorescence or Surface Plasmon Resonance preferred. Experience with other biophysical techniques and/or spectroscopies a plus. Must have good communication skills and be able to contribute within a team environment.

Research Scientist -- Dept. of Molecular Biology
Job Code: 03-062401-2-N&O

The qualified candidate must be able to independently execute experiments in multiple concurrent research areas. Experience requirements include but are not limited to: prokaryotic and eukaryotic expression systems, site-directed mutagenesis, recombinant DNA methods, sequencing, and biochemical analyses. Good communication skills required. Expertise with viral systems preferred. Requires a Bachelor's degree with 5 years of related experience, or a Master's degree with 3 years of research laboratory experience or an equivalent combination of education and related experience.

Qualified candidates should send resumes to:

Trimeris, Inc.,
Attention: H.R. Dept.,
4727 University Drive, Durham, NC 27707
www.trimeris.com

UNC - LABORATORIES MANAGER II - Dept. of Chemistry

The Department of Chemistry is seeking to fill a position with an individual responsible for the daily operations of its upper-level chemistry undergraduate laboratory curriculum. Duties include outfitting labs with reagents, solutions, and supplies; instrument and laboratory equipment maintenance; safety procedures and supervision of assistants and students. Minimum requirements include a bachelor's degree in a biological or physical science and one year of experience in laboratory management or as a research technician. Strong preference will be given to individuals with an advanced degree in chemistry or in a physical science with three years of college chemistry courses. An equivalent combination of education and experience will be considered.

Apply to:

The University of North Carolina at Chapel Hill
725 Airport Road, CB 1045, Chapel Hill, NC 27599-1045

The TarHelium 31: Volume 5

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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 listserver and 2) a web page: <http://membership.acs.org/N/NCarolina/>.

The listserver 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: listserv@listserv.ncsu.edu. The subject field is ignored, but in the message field type: subscribe ncacs first_name last_name. Your name is required; spaces are allowed. 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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