

CINTACS



Newsletter of the Cincinnati Section of the American Chemical Society

October, 2010
Vol. 48, No. 2

Meeting Calendar

Oct. 8	Oesper Award Events, Kurt Wüthrich, Scripps Research Institute, Oesper Awardee @ University of Cincinnati
Oct. 17-23	National Chemistry Week 'Behind the Scenes with Chemistry'
Dec.	Joint mtg. with NOBCChE, TBD
Jan. 12	TBD
Feb. 9	Chemist of the Year
Mar. 9	TBD
Apr. 13	Education Awards Night @ NKU, TBD
Apr. 16	Earth Day Celebration, Sawyer Point
May	Party Night [TBD]

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OCTOBER MEETING

30th Oesper Award Banquet, Poster Session and Symposium at the University of Cincinnati

October 8, 2010

Great Hall, Tangeman University Center
University of Cincinnati

*Sponsored by the University of Cincinnati
Department of Chemistry*

This year's Oesper Award honors 2002 Nobel Prize winner Professor Kurt Wüthrich of The Scripps Research Institute in La Jolla, CA for his contribution to determine the three-dimensional structure of biological macromolecules by nuclear magnetic resonance spectroscopy in an environment similar to that in the living cell. Wüthrich will give the Oesper Award Lecture, "NMR with Proteins –from Hemoglobin to Structural Genomics"

Poster Session, Reception and Award Banquet

5:30-7:00 PM: Oesper Student Poster Session, Social Hour and Reception

7:15-9:30 PM: Banquet, Award Presentation and After Dinner Address by Charles Weissmann, The Scripps Research Institute, Florida: "A Tale from Two Cities"

Banquet price is \$20.00; emeritus, students, K-12 teachers, unemployed and first time members are ½ price.

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THE CINTACS NEWSLETTER**Vol. 48, No. 2 October, 2010**

Editor.....Kevin Ashley
 Advertising.....Dan Esterline

CINTACS is published eight times a year (September through May) by the Cincinnati Section of the American Chemical Society. The submission deadline will be early-mid November for the December 2010 issue. Electronic submission is strongly preferred. All materials should be sent to:

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From the Chair

One of the enjoyable things in life is to spread good news! Thus, it is with great pleasure to inform you that the Cincinnati section was recognized with a ChemLuminary Award at the ACS National Meeting in Boston, this time for “*Outstanding Performance by a Local Section Medium Large Size Category*”. *Kudos* to Susan Hershberger (Past Chair), to all of YOU who volunteered time and effort in making our year-long program a success and to all to ALL OUR PARTNERS that supported many of our section activities in many different ways. The latter includes Cognis, Procter & Gamble, Givaudan, Wright Brothers, as well as the University of Cincinnati, Northern Kentucky University, Miami University, Xavier University, the Cincinnati Museum Center and Dr. Robert Laughlin. I encourage you to continue to be involved and actively participate in the section program activities; if you haven't, it is never too late to start.

On October 8th, the Oesper Symposium and Banquet will be held at the University of Cincinnati recognizing the contributions of Prof. Kurt Wüthrich of The Scripps Research Institute in La Jolla, CA to three-dimensional structure determination of biomolecules using NMR. The symposium speakers include: John Bushweller, University of Virginia; Mark Rance, University of Cincinnati; Arthur Pardi, University of Colorado; Werner Barun, University of Texas; Dinshaw Patel, Memorial Sloan-Kettering Cancer Center and Gerhard Wagner, Harvard Medical School. Following the symposium, the October Cincinnati ACS Section meeting begins with the graduate and undergraduate poster session and reception, followed by the Oesper banquet and award presentation to Prof. Wüthrich. Charles Weissmann of the Scripps Research Institute, FL will deliver the after dinner address: “A Tale from Two Cities”. So join us feast on cutting edge biochemical research.

A week later, we will be celebrating National Chemistry Week from October 17th to 23rd. The theme this year is “Behind the Scenes with Chemistry!” A lot of planning was underway as the September CINTACS went to press. Jacqueline Thomas is coordinating the dedicated group of library volunteer demonstrators that make chemistry come alive for children and adults alike in many public libraries in southwest Ohio, northern Kentucky and western Indiana. And that is not all, the live excitement of chemistry will also be at the Cincinnati Museum Center all day long on October 22nd and 23rd with Gloria Story and the “Gang” (another group of volunteer demonstrators). Complementing these events are hands on chemistry activities that will be published 2 days during National Chemistry Week in the Cincinnati Enquirer and distributed to schools as part of the Newspapers in Education (NEI) program. The ACS publication entitled, “Celebrating Chemistry” will also be inserted into newspapers going to the schools.

Join us in the fun of inspiring, surprising, and delighting kids throughout the region; it is never too late to get involved, so get in touch with us we can certainly use your talents.

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The banquet dinner choices are:

- 1) Chicken Chasseur (chicken in a white wine sauce with mushrooms and tomatoes) and served with red skin mashed potatoes and sautéed green beans
- 2) Vegetarian/Vegan option: Peppers stuffed with a lentil ragu and served with sauteed green beans

The meeting reservation form is at: <http://registration.acscincinnati.org/> This is the best and easiest way to register. As an alternative, you may send your reservations by email to Kim Carey at Kim.Carey@uc.edu. If absolutely impossible to make reservation by internet, telephone 513-556-0293. Deadline for reservations is 12:00 noon on September 29, 2010. Include your name, affiliation, dinner choice and state if you are in the ½ price category. If you decide you must miss a meeting after you have registered, please call to cancel. If you do not cancel, the Section will charge you because it will have been charged by the University.

Directions:

If you approach via I-75, take the Hopple Street exit and turn left at the light. You will pass over the highway. At the next light, go straight (straight here is actually about a 45 degree turn to the left). You are now on Martin Luther King Drive. Continue up King to the 4th traffic light. You will reach the first one quickly, the second one about ½ mile after that, the third (Clifton Ave.) after going up a long hill, and the 4th as you continue eastward with the campus on your right. Turn right at this 4th traffic light onto campus, and then right into the Woodside Garage.

If you approach Cincinnati coming south on I-71, get off at the Taft Street exit (exit 3). After the light at the end of the off-ramp, continue straight (west) on Taft for about 1.3 miles. At this time, Hughes High School is directly in front of you, and you must turn. Turn right onto Clifton Avenue. The University is now on your right side. Continue on Clifton to King; turn right (eastbound) on King and follow to the first light. Turn right onto campus, and then right into the Woodside Garage.

Map of Campus: <http://www.uc.edu/architect/documents/Logistics/logisticsbw.pdf>
(Map on p. 7)

National Chemistry Week – Seeking Volunteers

The ACS Cincinnati Section will once again be promoting National Chemistry Week (October 17th-23rd) throughout the greater Cincinnati region.

This year's theme is "Behind the Scenes with Chemistry". Every year during NCW we provide fun-filled, learning experiences by carrying out chemistry demonstrations at the Cincinnati Museum Center, many local libraries and schools. We will be contacting volunteers soon with more information on National Chemistry Week (NCW), including a date for training. If you haven't participated before, but are interested in NCW outreach activities to local libraries, please contact us to be included on the distribution list.

Your National Chemistry Week coordinator is:

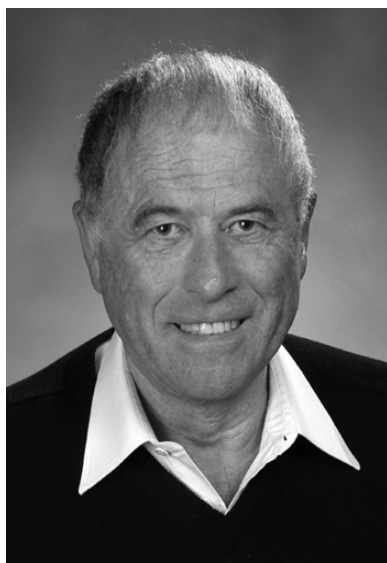
Jackie B Thomas: thomas.jb.1@pg.com

Nominations for Cincinnati Chemist of the Year and Research Associate of the Year

Recognize your colleagues and co-workers for their outstanding contributions to our field. Please submit a nomination for Cincinnati Chemist of the Year or Research Associate of the Year. The nomination deadline is **December 31**. The Chemist of the Year should hold a terminal degree and must be a member of the Cincinnati section of the ACS. Nomination requires two letters of recommendation and the nominee's CV. The Research Associate of the Year must be or have been a practitioner within the chemical discipline. ACS membership is not a requirement. Nomination requires a letter of recommendation; CV and additional documentation are optional, but appreciated.

Nomination materials should be sent to:

Heather A. Bullen
Department of Chemistry
Northern Kentucky University
Nunn Drive
Highland Heights, KY 41099
email: bullenh1@nku.edu
phone: 859-572-5411; fax: 859-572-5162
<http://www.nku.edu/~bullenh1/>



Kurt Wüthrich
The Scripps Research Institute
La Jolla, CA

2010 Oesper Awardee

The Department of Chemistry at the University of Cincinnati and the Cincinnati Section of the ACS will present the 2010 Oesper Award to Professor Kurt Wüthrich from The Scripps Research Institute at the Oesper Banquet and Symposium at UC, October 8, 2010.

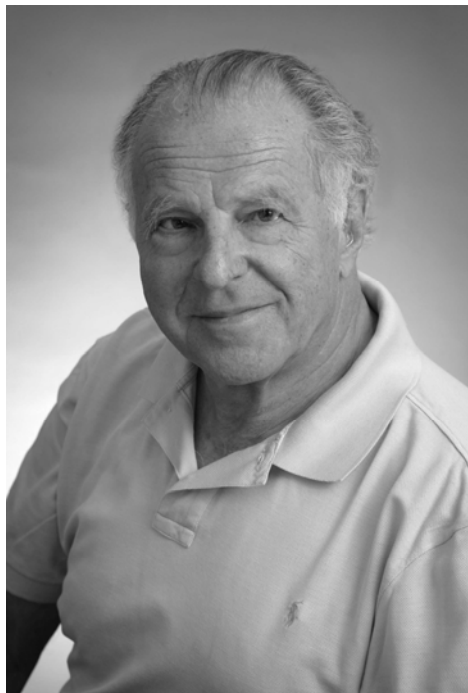
The 2002 Nobel Prize winner is being recognized for his contribution to determining the three-dimensional structure of biological macromolecules by nuclear magnetic resonance spectroscopy in an environment similar to that in the living cell.

Professor Wüthrich is currently Cecil H. and Ida M. Green Professor of Structural Biology at The Scripps Research Institute, La Jolla, CA, USA and Professor of Biophysics at the ETH Zurich, Zurich, Switzerland. His research interests are in molecular structural biology and structural genomics. His specialty is nuclear magnetic resonance (NMR) spectroscopy with biological macromolecules, where he contributed the NMR method of three-dimensional structure determination of proteins and nucleic acids in solution. The Wüthrich groups have solved more than 70 NMR structures of proteins and nucleic acids, including the immunosuppression system cyclophilin A–cyclosporin A, the homeodomain–operator DNA transcriptional regulatory system, and prion proteins from a variety of species.

Dr. Wüthrich was born in Switzerland on October 4, 1938, is married to Marianne Briner, and has two children, Bernhard Andrew and Karin Lynn. He studied chemistry, physics and mathematics at the University of Bern from 57–62, obtained the Eidgenössisches Turn- und Sportlehrerdiplom and a Ph.D. in inorganic chemistry with Prof. Silvio Fallab at the University of Basel in 1964, was a post-doctoral fellow in Basel (Prof. S. Fallab), at the University of California in Berkeley, CA, USA (Prof. R.E. Connick) and at Bell Telephone Laboratories in Murray Hill, NJ, USA (Dr. R.G. Shulman) before joining the ETH Zürich in 1969 (Privatdozent 1970, Assistant Professor 1972, Associate Professor 1976, Professor of Biophysics 1980, Chairman of the Department of Biology 1995–2000). Since 2001 he shares his time between the ETH Zürich and The Scripps Research Institute. Professor Wüthrich's achievements have been recognized by the Prix Louis Jeantet de Médecine, the Kyoto Prize in Advanced Technology, the Nobel Prize in Chemistry, and by a number of other awards and honorary degrees.

Visit the ACS Cincinnati Section On-line:

www.acscincinnati.org



Oesper Banquet Speaker

Charles Weissmann

The Scripps Research Institute, Florida

Charles Weissmann, M.D., Ph.D., Professor and Chairman, Department of Infectology, obtained his M.D. (1956) and Ph.D. degrees (1961) at the University of Zürich. After 7 years at the NYU School of Medicine as a post-doc, Assistant and then Associate Professor, he became Director of the Institute of Molecular Biology, University of Zürich in 1967. In 1999 he moved to the MRC Prion Unit, University College, London as Senior Scientist. In 2004 he was appointed Chairman of the Department of Infectology, Scripps Research Institute, Florida.

Dr. Weissman has contributed significantly to our understanding of RNA virus replication, developed site-directed mutagenesis and reverse genetics, discovered quasispecies in viral populations, cloned the human interferon alpha genes and produced recombinant interferon in *E.coli*, cloned the prion gene and demonstrated that its knockout in mice abrogated prion replication and conferred protection from prion disease.

Professor Weissmann has been internationally recognized for his work, including memberships in the Royal Society (United Kingdom) and National Academy of Science (USA). He has been awarded six honorary doctoral degrees and many leading scientific prizes. He was a cofounder of Biogen, the first European biotechnology company and served on several corporate boards.

Ralph & Helen Oesper Poster Session

The ACS Cincinnati Section and the UC Department of Chemistry will co-sponsor the Ralph & Helen Oesper Poster Session & Social Hour, Oct. 8, 2010 @ 5:30 pm-7 pm in the Great Hall Tangeman University Center, University of Cincinnati. Registration is now open; submit abstracts by October 1st, 2010 to Jamie Heimkreiter at jheimkre@advancedtesting.net. Email confirmation of receipt of your abstract will serve as registration for the Poster Session. Please submit using Microsoft Word or similar format, single spaced, 150 words or less.

NMR with Proteins –from Hemoglobin to Structural Genomics

Kurt Wüthrich

The Scripps Research Institute, La Jolla, CA, USA

My research group is specialized in the use of nuclear magnetic resonance (NMR) spectroscopy for studies of proteins, and we represent this technique in the crystallography-centered Joint Center for Structural Genomics (JCSG; NIGMS U54 GM074898). Structural genomics uses 'high-throughput' technology of protein production and structure determination for studies of gene products with unknown structure, unknown function and minimal similarity to previously studied proteins, which sets it apart from "classical structural biology". The outlook is to further develop approaches for predicting physiological protein functions from knowledge of new three-dimensional structures. The NMR method is complementary to structure determination by X-ray crystallography by the fact that it investigates proteins under solution conditions close to the physiological milieu in body fluids, generating data on protein structure, stability, dynamics and intermolecular interactions in solution. NMR thus has an exciting role in the future challenge to use the expanding coverage of the protein universe with three-dimensional structures as a basis for gaining new insights into protein functions and chemical biology.

A Tale from Two Cities

Charles Weissmann

The Scripps Research Institute, Florida

For many decades, the nature of the agent that causes transmissible spongiform encephalopathies such as kuru, Creutzfeldt-Jakob disease or Mad Cow disease remained an intractable mystery. Research in San Francisco and Zurich has shown that the infectious agent, the "prion", consisted mainly if not exclusively of a protein termed "PrP^{Sc}", and that its propagation came about by PrP^{Sc}-seeded conversion of the normal host protein "PrP^C" into likeness of itself. We have recently found that prions are subject to mutation-like events and selection, despite the fact that they do not contain nucleic acid.

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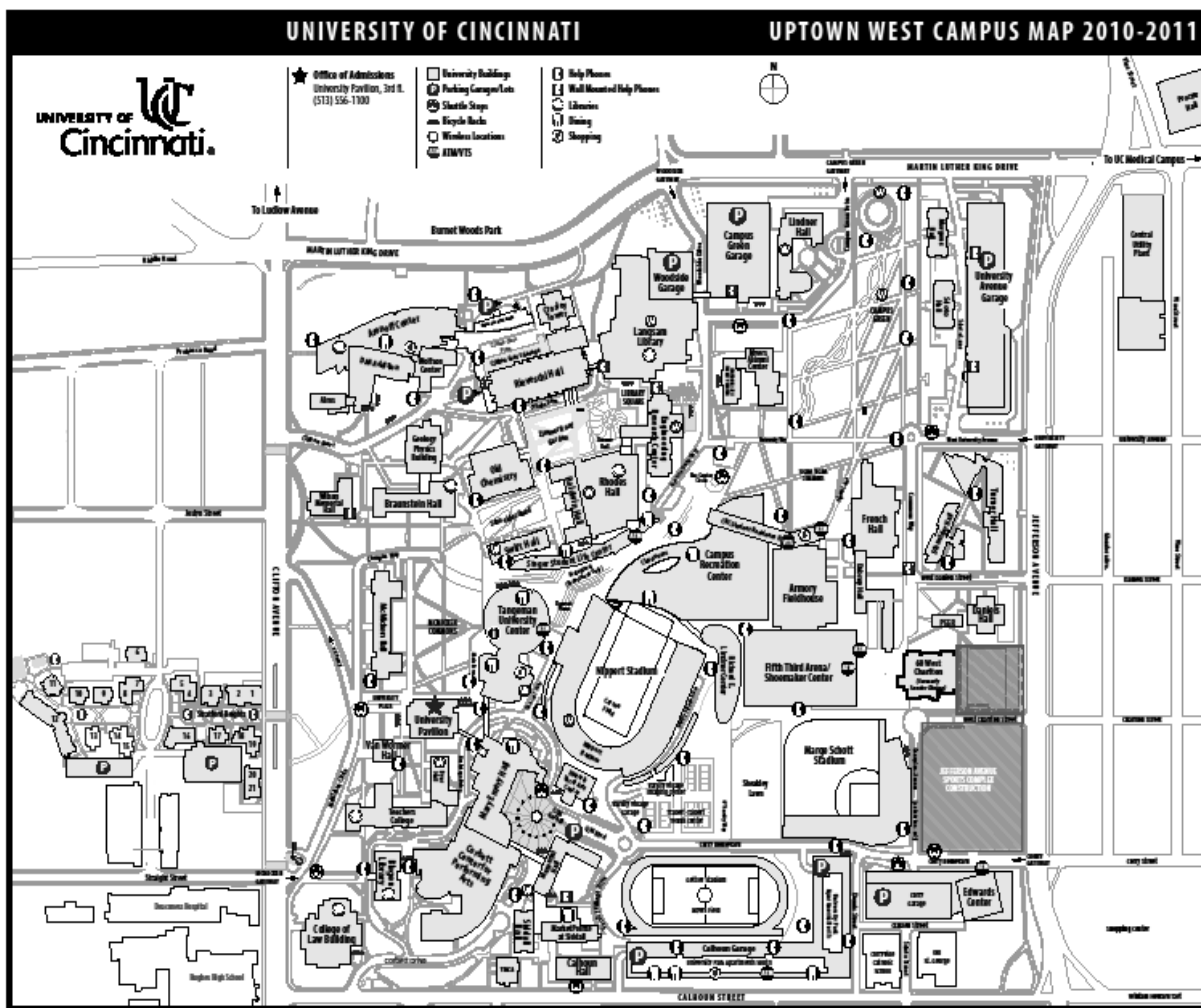
(Continued from page 2)

The information for the 2010 NCW Poster Contest is included in this issue of CINTACS too. The poster contest is open to students from kindergarten to grade 12 to understand and appreciate the roles that chemistry can play in productions such as common special effects, makeup artistry, and movie set design and materials. **Please pass the information to students, parents and educators you know or direct them to the Cincinnati ACS Section website at: <http://www.acscincinnati.org/acs/>**

There continues to be opportunities for getting involved as our 2010-2011 year of meetings and events have begun. I would love to hear from you, I welcome your ideas, input and any help you can offer.

“Think of giving not as a duty but as a privilege” – John. D. Rockefeller Jr.

Victor M. Arredondo



Another Fun Cincinnati Earth Day Celebration 2010 at Sawyer Point!

Last April 17th the Cincinnati Section of the ACS hosted a booth at the annual Earth Day Celebration at Sawyer Point. This year's theme was "Plants – The Green Machines," we had yet another great year of attendance as there were several activities people could participate and even take home. The demonstrations we performed include: making recycled paper out of news papers, making biodegradable flower pot out of news paper and masking tape, "drawing" on goldenrod paper with dilute ammonia, testing different plant-based foods for starch content, and making patterns on fabric from flowers and stems. We also had a several information sharing posters, one on how to make biodiesel from used cooking oil along with samples, and another on photosynthesis.

I extend my sincere thanks and appreciation to all those who helped with the selection of demonstrations, setting up, manning the booth and closing down for the day: Gloria Story, Ming Ming Lu, Kristie Jones, Keelin Walser, Qingshi Tu, Susan Hershberger, Darwin and Subira Popenoe, and anyone else I may have missed. I'm looking forward to another fun Earth Day next year.

Donna Wiedemann

SPONSORS SOUGHT FOR 8 SECTION MEETINGS IN THE 2010-2011 PROGRAM YEAR

Again we are seeking sponsors for each of our 8 monthly Section Meetings in the new program year. Sponsorship entails a commitment of sponsorship (cash or cash equivalent) of \$1000 to essentially pay for the many expenses associated with a quality meeting to be presented to the membership. These expenses include retiree and student meal discounts, speaker's expenses, travel, housing, food, A/V, room rental for the meeting, and a Social Hour where attendees can meet others and build networks and contacts for career growth and enhancement.

Sponsors are recognized in all of the 8 issues of CINTACS, and by introduction at the sponsored meeting. This "advertisement" is of great value, especially to new companies in the Cincinnati

area. In several instances this has led to participation in governance activities in the Section.

Over the past 6 years of this successful program, Companies, academic departments, retirees, and faculty have been sponsors of monthly meetings. We are always striving to broaden the base of sponsors as this leads to better representation in Section programs and services to the membership.

If you or your employer has an interest in being a sponsor, please contact the undersigned for more details. Beyond these volunteers, we will be making phone calls and letter contacts to reach our goal of 8 sponsors. Every effort will be made to align the Sponsor's areas of interest with our monthly topics.

Ted J. Logan, CHAIR
Sponsorships and Solicitations Committee
Cincinnati Section, ACS
Phone: 513-385-8856
E-mail: TJLOGANCIN@AOL.COM

Students Invited to Enter National Chemistry Week Poster Contest

As part of every National Chemistry Week (NCW) celebration, the American Chemical Society (ACS) sponsors a national poster contest for students in Kindergarten – Grade 12. The theme for the 2010 contest is “Behind the Scenes with Chemistry,” which celebrates the chemistry in movies, set design, makeup artistry, and common special effects. This is a wonderful opportunity for students to use their creative abilities and to appreciate the chemical concepts that explain the special effects seen in movies. Students in all schools (public, private, parochial, etc.) or home schooled students are eligible to participate.

Theme

Students should create a poster that celebrates the 2010 theme “Behind the Scenes with Chemistry!” The poster should be fun, motivational, informative, and inspire students to learn about the chemistry of the special effects used in movies and television. Students should consider the roles that chemistry can play in productions such as common special effects, makeup artistry, and movie set design and materials. Examples of previous poster contest themes and winners and more information on the theme are available below.

2010 Categories

- Grades K – 2nd
- Grades 3rd – 5th
- Grades 6th – 8th
- Grades 9th – 12th



Judging

Please use the guidelines below when judging posters in your local sections. The national poster contest will be judged using these same guidelines.

Entries will be evaluated based on:

- Artistic Merit (use of color, quality of drawing, poster design & layout)
- Poster Message (should be fun, motivational and promote the important role that the periodic table and/or the elements play in everyday life)
- Originality and Creativity (unique, clever and/or creative design)
- Neatness (free of spelling and grammatical errors and/or stray marks)

All posters must be:

No larger than 11 X 17 inches.

Original works by the student without aid from others.

Hand-drawn using crayons, paint, colored pencils or markers.

On poster boards (Entries submitted on foam board will not be accepted).

Each entry must have the [2010 Contest Entry Form](#) completely filled and attached to the back of the poster. Entries lacking complete and legible information will not be considered.

Home schooled students are eligible for the contest and should include the name of any homeschooled group with which they are associated.

ACS is not responsible for lost, damaged, or delayed postal shipments.

All posters become the property of the American Chemical Society. Acceptance of winning constitutes consent to use winners' names, likenesses and entries for editorial, advertising and publicity purposes by the American Chemical Society.

All Posters must be postmarked by October 17, 2010.

Winners of the Cincinnati Section of the ACS along with their teachers and parents will be honored as guests of our local section's dinner meeting in April of 2011.

The Cincinnati Section ACS will submit the local winning poster in each of the four grade categories to the National ACS Office of Community Activities in Washington, DC. First and second place winners of the national contest will be announced on the national website and via email announcement. Thus, if you are a winner in the local or the national ACS contest you will be notified. If you are not notified, then you did not win.

Educators: Please encourage your students to participate in this contest...it is FUN. You can find more information and additional resources for your classroom/students at: www.acs.org/hcw WE ENCOURAGE CLASSROOMS TO COLLECT AND SEND ALL STUDENT ENTRIES IN ONE LARGE ENVELOPE TO THIS ADDRESS.

Send posters by 10/17/10 to:

**Jamie Heimkreiter
Peter Cremer North America
3117 Southside Avenue
Cincinnati, OH 45204**



**2010 BEHIND THE SCENES WITH CHEMISTRY
POSTER CONTEST ENTRY FORM**

Please fill out this form, print, and attach to the back of the posters. All fields are required. Incomplete forms will invalidate the entry.

Student's Name							
Grade							
Parent/Guardian							
School or sponsoring group (e.g. Boys and Girls Club or Scout Troop, 4-H, etc.)							
Street Address							
Address Line 2							
City				State		Zip	
Judging Category							
K-2 nd	<input type="checkbox"/>	3 rd -5 th	<input type="checkbox"/>	6 th - 8 th	<input type="checkbox"/>	9 th - 12 th	<input type="checkbox"/>
FOR LOCAL SECTION USE ONLY							
Local Section Name (Number)							
NCW Coordinator Name							
Telephone							
Email							

EDUCATIONAL GRANTS

The Cincinnati Section of the American Chemical Society has funds available for the purpose of improving chemical education in the geographic area served by the local section (OH: Adams, Brown, Butler, Clermont, Clinton, Hamilton, Highland and Warren counties; KY: Boone, Campbell, and Kenton counties; IN: Dearborn and Ohio counties).

The Educational Grants Committee was established to make recommendations to the Cincinnati Section Board of Directors for the disbursement of these funds. The committee hereby invites applications for these grants from all members (teachers, students, industrial chemists, etc.) of the chemical community in the service area of the section. Applications will be accepted and reviewed two times during the year according to the following schedule:

Review Month	Application Deadline	Notification Date
April	April 2, 2010	May 3, 2010
December	December 3, 2010	January 10, 2011

Grants will be awarded for such activities as attending educational workshops, participation in summer research programs, innovative education programs, instructional equipment, etc. Proposals, which incorporate the use of funds from other agencies or corporations, including the agency, or corporation, with which the applicant is affiliated, will be given preference in the selection process. Funds will generally not be awarded for the purchase of common supplies or chemicals. However, any application, which meets the basic criteria for which the fund was created, will be given serious consideration.

Grants will be, in most cases, limited to \$1,500; exceptional proposals will be considered for larger amounts. No school or organization will be allowed to receive more than one (1) award per calendar year. Within one year from the time the grant is awarded, a report describing the use of the funds and the impact that the project had on improving chemical education is expected to be forwarded to the committee chairperson, Ms. Gloria Story.

For further information or an application, please visit the Cincinnati Section's website, <http://www.acscincinnati.org/acs/> or contact:

Gloria Story
The Procter and Gamble Co.
8700 Mason-Montgomery Rd.
Mason, OH 45040
Phone: 513-622-3021
E-mail: story.gm@pg.com

The Cincinnati Section of the American Chemical Society
EDUCATIONAL GRANT APPLICATION

DATE: _____

Name: _____

Organization: _____

Department: _____

Address of Organization: _____

County: _____ State: _____ Zip Code: _____

Name and Title of Official Certifying Organizational Compliance with the Grant:

Signature: _____

Name/Title (print or type): _____

ACS Member or Affiliate? (circle one): Yes No

How many individuals will benefit from this grant if your proposal is funded? _____

Grant criteria: Funds are to be used to improve chemical education in the area served by the Cincinnati Section of the American Chemical Society.

Grant Proposal: The proposal should contain 300-500 words, double-spaced on official letterhead. It should describe the objective(s) of the project, how the project will be carried out, how the project would improve chemical education, how the program fits into the education program (if the applicant is from a school), and who would benefit. Also, the proposal should contain a detailed budget that outlines expenditures, the amount being requested from the Educational Grant Committee and the amount being requested from other sources.

Send five (5) copies of the application and the proposal to:

Gloria Story
The Procter and Gamble Co.
8700 Mason-Montgomery Rd.
Mason, OH 45040
Phone: 513-662-3021
E-mail: story.gm@pg.com

Reports: Grant recipients are required to submit a report to the Committee within one year from the time of notification of the award. The report will include an outline of how the funds were used, what had been purchased, if anything, with the funds and what benefits have been derived thus far from the use of the funds.

Acknowledgment: It is requested that the major instruments purchased with the use of these funds be tagged with the following acknowledgment: "This equipment was purchased (in part) with an Educational Grant from the Cincinnati Section of the American Chemical Society."

Report from Council ACS National Meeting, Boston

Reported by:
Bruce Ault
Roger Parker
Bill Oliver

During its session on Aug. 25, 2010 at the Boston ACS National Meeting, Council hear reported from the officers of the Society as well as reports from standing committees. Council elected members to the following committees: Committee on Committees, Council Policy Committee and Committee on Nominations and Elections. Candidates for national elections this fall were announced, include the two candidates for President-elect for 2011. They are Luis A. Echegoyen, Professor, University of Texas at El Paso, and Bas-sam Z. Shakhashiri, Professor, University of Wisconsin.

Council considered one petition, The Petition on Recorded Votes. The Council voted to approve the Petition on Recorded Votes. This petition provides for additional voting methods, e.g., electronic clickers that have been recently used at Council meetings, when conducting recorded votes. The Board of Directors will vote within 90 days on whether to ratify the approved petition. As part of a regular performance review, the Council voted to continue the Committee on Science. Continuation of the Committee on Science also requires Board of Directors concurrence. In addition, Council voted to change the territory of the Northeast Oklahoma Local Section to include all members residing in the North Central Oklahoma Local Section territory. The North Central Oklahoma Local Section will be dissolving on December 31, 2010 because its membership has fallen below the minimum requirement. Also, Council voted to change the territory of the Binghamton Local Section to include the Norwich Local Section, which will dissolve on December 31, 2010 because its membership also has fallen below the minimum membership requirement.

Finally, a special discussion item was put on the Council agenda for this meeting. ACS President Joseph Francisco invited the Council Policy Committee to present a proposal to move Council meetings from Wednesdays to Tuesdays. The proposal included survey results from Councilors and other stakeholders followed by a robust discussion on the pros and cons of a move. Councilors concluded their discussion with a straw poll that showed 128 are supportive of the proposed move of Council to Tuesdays, 225 oppose the move, and 56 are undecided. The Council Policy Committee and the Board of Directors will decide by spring 2011 whether the Council should move from Wednesday to Tuesday.



ACS Celebrates IYC 2011... A 3-Pronged Approach

Join the Movement

IYC 2011 presents an opportunity to get involved, to educate and to captivate a wide variety of audiences about the transforming power of chemistry!

- Year-long Outreach Activities coordinated through the Office of Community Activities
- IYC-themed Grant Programs for Local Sections, Technical Divisions, Student Chapters, and High School Chemistry Clubs
- Programming at ACS National and Regional Meetings
- Challenge Grants to Technical Divisions
- Online toolkits featuring ideas, templates, and resources to support members as they plan IYC 2011 celebrations (www.acs.org/iyc2011)

Get Connected

Efforts during 2011 will lead to lasting connections with new collaborators and contribute to the strengthening of our relationships with pre-existing partners.

- A Multi-day event with Chemical Heritage Foundation (CHF), the American Institute of Chemical Engineers (AIChE) and the American Chemistry Council during February 2011
- Partnerships with National Academies of Science and U.S. Government Agencies
- Collaborations with Sister Chemical Societies Worldwide and various U.S. STEM Organizations

Spread the Word

One of the most important components of the ACS IYC 2011 effort will be communicating chemistry - its creative future and the role it plays in improving all of our lives.

- *365: Chemistry for Life:* our web-initiative designed to highlight everyday chemistry – every day!
- IYC web page at: www.acs.org/iyc2011
- ACS Publications
 - ACS Matters
 - ACS Publications
 - C&EN
 - ACS Journals
- ACS Network: Join the IYC Group and let us know your plans!
- Technology-enabled mechanisms: podcasts, mobile platforms



Get Involved Now!

1. *365: Chemistry for Life:* Nominate an "everyday" chemistry topic (elements, discoveries, processes, people, etc.) to be highlighted at www.acs.org/iycsurvey. Deadline: September 17, 2010.
2. *Spread the Word:* Get the word out about IYC 2011 in your school, workplace and community through your participation NCW 2010. Visit our web page to download FAQs and other items to assist you in getting the word out.
3. *Subscribe to the IYC Bulletin:* Stay current on all things IYC at ACS! Send an email to iyc2011@acs.org to sign up now.
4. *Plan and Tag for IYC:* Decide how you want to celebrate IYC 2011 and let us know through the IYC Group on the Network or at iyc2011@acs.org!



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Outreach for the International Year of Chemistry

The ACS Committee on Community Activities invites you to celebrate the International Year of Chemistry!

Host festivals, make presentations at your local school or mall, partner with local civic organizations, and show how chemistry is an international science!

- Develops an awareness of water, its sources, and the importance of water purity with its relevance to sustainability.



- Coincides with Chemists Celebrate Earth Day (CCED).
- Features viable alternate energy sources as a key aspect of sustainability.

**1st Quarter
Environmental**

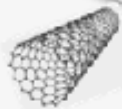
**2nd Quarter
Energy**



**3rd Quarter
Materials**

**4th Quarter
Health**

- Focuses on the important aspects of recycling, properties of materials, and nanomaterials.



- Coincides with National Chemistry Week (NCW).
- Features the positive impact of the chemical sciences on the world as it relates to nutrition, hygiene, and medicine.



Water and the many faces of Chemistry will be included in each theme.



Let us know how we can help your local section have a successful IYC!
Contact us at cca@acs.org.



To learn more about IYC go to www.acs.org/iyc2011.

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