

ACS President-Elect, Dr. Bassam Shakhashiri, to Speak at May Dinner Meeting

A native of Lebanon, Dr. Shakhashiri is the son of a physician who is retired from the U.S. National Institutes of Health in Bethesda, MD. The Shakhashiris, father, mother, son and two daughters, came to the United States in 1957 when Bassam was 18 years old with one year of college (at the American University of Beirut) behind him. He completed undergraduate work at Boston University (Class of '60) with an A.B. degree in chemistry, served as a teaching fellow at Bowdoin College for one academic year and then earned master's and Ph.D. degrees in chemistry at the **University of Maryland** ('64 and '68 respectively). After a year of post-doctoral research and two years as a junior member of the chemistry faculty at the University of Illinois, Urbana, Dr. Shakhashiri joined the faculty of the University of Wisconsin in 1970, a position he has held since. In 1977 he was the founding chair of the University of Wisconsin System Undergraduate Teaching Improvement Council. In 1983 Dr. Shakhashiri founded the Institute for Chemical Education (ICE) and served as its first director. His work with ICE inspired the establishment of the Center for Biology Education, the Merck Institute for Science Education, the Miami University (of Ohio) Center for Chemical Education, the Sacred Heart University SMART Center, and others.

His *SCIENCE IS FUN!* presentations in Madison at shopping malls, the Capitol Square, the Great Walk of the Muscular Dystrophy Association, KIDS EXPO, etc., as well as his visits to schools and colleges, have reached tens of thousands of students, their teachers, and parents throughout Wisconsin. In 1996-97 Dr. Shakhashiri chaired two working groups of the Wisconsin Academy of Science, Arts, and Letters, which reviewed and helped shape the Wisconsin Science Standards and the Wisconsin Mathematics Standards. Dr. Shakhashiri has given about 1000 invited lectures and presentations in the



Dinner meeting information and speaker bio continued on pages 2-3

MARM 2011 Registration is open until May 5th!

The 2011 Middle Atlantic Regional Meeting (MARM) of the American Chemical Society will be held Saturday, May 21st to Tuesday, May 24th, 2011 on the campus of the University of Maryland, College Park, and is hosted by the Chemical Society of Washington. This meeting will feature national and international leaders in the chemical sciences and will include a broad selection of research and education symposia. Saturday's events focus on research and education. Sunday morning features career-related workshops and symposia, while the afternoon has plenary lectures on energy, climate change, and disease, as well as an ice cream social at which you can meet ACS Board of Directors and candidates for President-Elect. Monday's events are diverse and intense in research and technology, and they continue into Tuesday. The CSW monthly dinner meeting will be held jointly with the MARM Awards Dinner on Monday, May 23rd.

Register at: <http://www.marmacs.org>



General Chair: Mike Doyle
 Program Chair: Phil DeShong



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Claims for missing issues should be sent to CSW at the above address. **Member change of address** should be sent to ACS, PO Box 3337, Columbus, OH 43210; phone 800-333-9511; e-mail: service@acs.org; or edit member profile online at www.acs.org.

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THE CHEMICAL SOCIETY OF WASHINGTON PRESENTS: 1103rd Dinner Meeting, Joint with the MARM Awards Banquet and Presentation by ACS President-Elect Bassam Shakashiri

Monday, May 23rd
Stamp Student Union,
Prince George's Room, Room 1210.
University of Maryland
College Park, MD

6:00 pm Check in and Social Hour
7:00 pm Dinner

COST \$30.00 Members & guests, \$15.00 Students

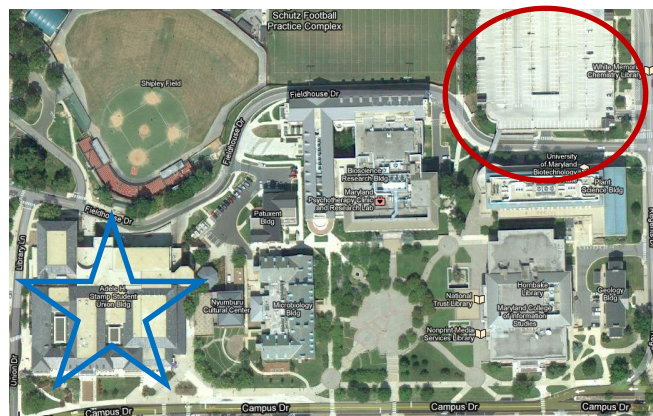
Menu includes Classic Caesar Salad, Tuscan Chicken (Grilled Chicken on a Bed of White Beans, Diced Tomatoes and Oregano), Penne Pasta with Sun-Dried Tomatoes and Creamy Pesto Sauce, Oven-Roasted Umbrian Vegetables, Marinated Fresh Mozzarella and Tomato tossed in Olive Oil with Fresh Basil, Focaccia, Ciabatta, and Bread Sticks, and a Tiramisu Torte.

Make reservations by **Monday, May 16, 2011, 12:00 noon**, to the CSW office: csw@acs.org or 202-659-2650. Please designate the names in your party. The public is invited to attend. You may attend the talk only, but reservations are appreciated. **Those who make a reservation but are unable to attend should send a check for the cost of their meal to the CSW office.**

Directions: From Baltimore Ave. (US Hwy 1), enter campus using Campus Dr. At the traffic circle, bear to the right onto Regents Drive. Parking is available in the parking garage (marked with circle on map) that is across from the Chemistry building and a short distance from the Student Union (marked with a star on map). Parking is unrestricted after 4:00 pm. Campus Dr. is also accessible from University Blvd. or Adelphi Rd., on the west side of campus.

METRO: Green Line to College Park. The University runs a free shuttle bus from the College Park Metro Station. The bus stops at the Student Union. If you need a map, you can get one from the Maryland website, www.umd.edu.

Click on the map to get personalized driving directions from Google Maps.



Volunteers needed for PG Child Resources Center Family Festival, June 11

As the Chemistry community continues its celebration of the International Year of Chemistry (IYC), the Chemical Society of Washington will continue its outreach activities on Saturday, June 11, 2011 at FedEx Field in Landover, Maryland for the Family Festival. The 1st Annual Family Festival will bring children, families and the greater community together for a fun-filled afternoon. The festival will be from 11:00 am to 3:00 pm.

Volunteers from CSW will provide hands-on activities for children who attend the event as a part of CSW's participation in the International Year of Chemistry. June will still be the second quarter of IYC, whose theme is, "alternative energy." The third quarter will start in July with the theme of "materials." The CSW activities at the

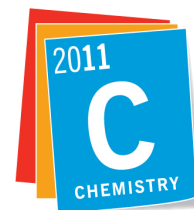
Family Festival will focus on both of these themes. Volunteers will also hand out copies of the *Celebrating Chemistry* publication, and various chemistry themed products. If you would like to volunteer for this event, please contact the CSW coordinator, Kim Morehouse (Kim.Morehouse@fda.hhs.gov). More information about the Family Festival can be found on their website (<http://www.childresource.org/news.php?id=77>).

Alternative Energy (IYC 2nd Quarter)

Viable alternative energy sources will be presented as a key aspect of sustainability. The alternative energy focus coincides with *Chemists Celebrate Earth Day (CCED)*, which was celebrated on April 22, 2011.

Materials (IYC 3rd Quarter)

The significant facets of recycling, properties of materials, and nanomaterials will be introduced.



International Year of CHEMISTRY 2011

May Dinner Meeting Speaker Bio, Continued from Page 1

United States and other countries. He has co-authored several publications including *Manual for Laboratory Investigations in General Chemistry*; *Workbook for General Chemistry*; *Chemical Demonstrations: A Handbook for Teachers of Chemistry*, Volumes 1, 2, 3 and 4; and semi-programmed booklets on equilibrium, kinetics, and organic chemistry. His publications, television programs, and website (scifun.chem.wisc.edu) are the bases for what thousands of chemists and teachers present annually during National Chemistry Week, National Science and Technology Week, and in classrooms and science museums across the country and abroad.

In 1984 he was sworn-in as Assistant Director of the National Science Foundation for Science and Engineering Education by the President's Science Advisor. In this position he was the principal education officer of the federal agency chiefly concerned with research in the natural sciences and engineering. As such, he was responsible for the design and administration of a wide variety of programs to improve all levels of education in mathematics, engineering and the sciences. In September of 1990, he returned to Madison and has taught introductory level chemistry to over 600 students annually. Among his many awards are the 1977 Kiekhofers Distinguished Teaching Award from the University of Wisconsin-Madison, and the 1979 Manufacturing Chemists Association Catalyst Award. He is the youngest recipient of two of the American Chemical Society's most coveted recognitions—the James Flack Norris Award for Outstanding Achievement in the Teaching of Chemistry (1983) and the ACS Award in Chemical Education (1986). In 1982 he was given the Ron Gibbs Award of the Wisconsin Society of Science Teachers for outstanding contributions to science education at the local, regional, national, and international levels. In 1987, he was cited for distinguished public service by the District of Columbia Science Education Association, the National Science Teachers Association, the South Carolina Academy of Science, and the Boston University General Alumni Association.

Register or Volunteer Today!

Join more than 600 chemical science and engineering professionals at the 15th Annual Green Chemistry & Engineering Conference. The conference, in partnership with the 5th International Conference on Green and Sustainable Chemistry, will take place **June 21-23, 2011** in Washington, DC. This premier green chemistry conference will feature five keynote speakers, a student workshop and outreach event, press room, and more. Visit the conference web site, www.gcande.org, for additional details, including registration and opportunities to sponsor or exhibit. Interested in volunteering during the conference? Contact greenchem2011@acs.org about volunteering.



Call for Nominations for 2011 CSW Officers/Councilors/Managers

The annual election of Officers, Councilors and Managers of the CSW will be held in accordance with the Bylaws, by a ballot in November 2011.

The current President will become Past President, and the current President-Elect will become President. Councilors serve three-year terms, as indicated below. The term of the Secretary expires at the end of 2011. A Secretary will be elected for a two-year term. Managers serve two-year terms as indicated below. Three Councilors, three Alternate Councilors, and six Managers will be elected according to the number of votes cast for each candidate.

All CSW Members are now invited to submit nominations for President-Elect, Secretary, Councilors, and Managers. Self-nomination is acceptable. These nominations largely determine who will be candidates, since the CSW Bylaws state: "The candidates shall be selected in the descending order of the number of nominations received."

Nominating ballots should be submitted to the CSW Office for receipt by June 20, 2011. All CSW members are eligible for nomination. Incumbents are eligible for nomination to the same position (if the term expires) or any other position as Officer, Councilor or Manager.

Current Officers:

President: Michael Doyle, UMD; President-elect: Robert

Wiacek, Pixelligent Technologies; Past President: Carol Henry, GWU; Secretary: Jason Schaff, FBI; Treasurer: Kathryn Hughes, NAS

Managers

Through 2011: Catherine C. Fenselau, UMD; Zory Glaser, JHU; Joshua Goldberg, Nath & Associates; Wayne R. Wolf, USDA; Jennifer Young, ACS; Vacancy

Through 2012: Walter Benson, FDA (ret); Robert Breneman, Montgomery College; Greg Brewer, Catholic U; Nicole Payne; Stefanie Sherrill, UMD; Michael Wagner, GW

Councilors

Through 2011: Douglas Raber, Greenpoint Science; Noel Turner, NRL (ret); James Zwolenik, NSF (ret)

Through 2012: John Malin, ACS (Ret); Kim Morehouse, FDA; John Ruth, USDA (ret)

Through 2013: Joseph Antonucci, NIST; Carol Henry, GWU; Bhushan Mandava, consultant

Alternate Councilors

Through 2011: Philip DeShong, UMD; Jennifer Sample, JHU; Vacancy

Through 2012: Robert Barron, FDA (ret); Elise Ann Brown, USDA (ret); Daron Freedberg, FDA

Through 2013: Regina Cody, NASA; Fred Metz, EPA (ret); Amy Mullin, UMD

Nomination Ballot Instructions – Please Read Carefully

1. Use the nomination form, a copy of the form, or submit the requested information using a sheet of paper and labeled "Nomination Ballot".
2. For each nomination, indicate the corresponding office, name of the nominee, and the nominee's telephone number or email address, if known. **IMPORTANT:** If you have determined that the nominee is a CSW member and is willing to be a candidate, please indicate by marking "y" for yes next to the candidate's name.
3. **DO NOT** sign the nomination ballot. **If your signature appears on the ballot it will be invalidated.** Anonymity for nomination ballots is a requirement of the ACS By-Laws V Section 11 c.
4. Place the ballot in an envelope, sign your name on the outside and print your name underneath.
5. Mail **in time to arrive by June 20, 2011** to: Chemical Society of Washington, (CSW); Attn: Chair, Nominations Committee; 1155 16th St., NW, O – 218; Washington, DC, 20036.

2011 CSW Nomination Ballot – Nominations are invited for the following offices/positions (numbers of positions to be filled shown in parentheses). President-Elect (1); Secretary (1); Councilors, including Alternate Councilors (6); Managers (6). **For Each Nominee:** please indicate the office or position, the name of the nominee, whether the nominee is a CSW member and is willing to be a candidate (indicate "y" under "willing to run") and, if known, the telephone number (including area code) and e-mail address of the nominee.

Office/Position	Name of Nominee	Willing to run (y)?	Phone No.	e-mail address

Please use additional paper, if necessary.

Project SEED Applications Available Now; Submissions Due June 1, 2011

CSW will be participating in the ACS 2011 Project SEED Program, funding 9 students with mentors. This program places economically disadvantaged high school students in a variety of research environments (academic, industrial, and governmental) for a period of eight to ten weeks during the summer months. For the past 41 years, Project SEED has helped high school students expand their education and career outlooks by providing opportunities for students who historically lack exposure to scientific careers.

Under Project SEED, high school students participate in a scientific research project in chemistry under the direct supervision of a mentor scientist. If selected, these

students are offered two exciting research opportunities:

- The Summer I program will provide first-time participants (rising sophomores, juniors and seniors) a fellowship award of \$2,500.

- The Summer II program will provide Project SEED Summer I students with an additional summer of scientific research. These students will receive a fellowship award of \$3,000. Additionally, Summer II students will be eligible for a travel grant of up to \$100 to present their research at an ACS or other scientific meeting contingent on availability of funds.

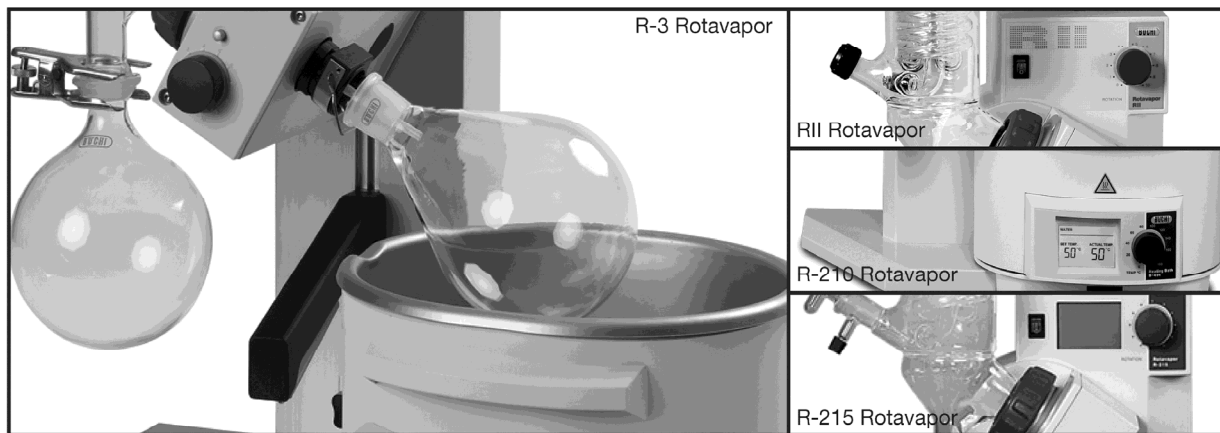
High School science teachers are needed as sponsors to identify excellent chemistry students to par-

ticipate in Project SEED and assist in the application process. These students must be economically disadvantaged, must be enrolled in high school and must have taken one year of high school chemistry. Applications and financial statements are due to Dr. Walter Benson on June 1, 2011 (WBenson270@aol.com). For more information, please visit www.acs.org/projectseed and www.acs.org/education.

The Retired Chemists Group

offers a social program of luncheons and outings available to all. <http://csw.sites.acs.org/rcg.htm>

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Call for 2011 CWS Award Nominations for Teaching and Service

CSW Community Service Award

This CSW award is given each year in recognition of outstanding service to the public by a CSW member. The award, a certificate, will be presented at the December CSW dinner meeting. Written nominations should describe why the candidate is deserving of the honor. Please send nominations by **September 15, 2011**.

E. Emmet Reid Award

The E. Emmet Reid Award is given annually by the Middle Atlantic Region (MARM) of the ACS to honor excellence in teaching chemistry at a liberal arts college which does *not* confer the Ph.D. degree. The award consists of a \$250 honorarium and a plaque. Nominating documents should include the nominee's curriculum vitae, list of publications, and an evaluation of the nominee's achievements as a teacher. These documents should clearly demonstrate the candidate's professional attributes including, but not necessarily limited to:

- Quality of candidate's teaching;
- Quality of research studies undertaken with students;
- Curriculum development work;
- Publications with student co-authors;
- Ability to inspire/ challenge students;
- Extra-curricular work in chemistry
- Courses taught, presentations made, awards received

Up to three seconding letters, while not mandatory, may be included. Please submit materials by **November 1, 2011**.

Leo Schubert Award

The Leo Schubert Award recognizes outstanding teaching of high school chemistry. The award was established in 1979 to honor Dr. Leo Schubert who died that year. Dr. Schubert devoted much of his career to developing programs for high school teachers and students. The award consists of an honorarium (\$500) and a certificate, which will be presented at the December CSW dinner meeting. Nominations for the award must be comprehensive and include details such as innovation in teaching, writing curricula, outside teaching, papers published, involvement in science fairs and post graduate study. Please send nominations by **June 1, 2011**.

Charles L. Gordon Award

The Charles L. Gordon Award recognizes exemplary service to the science of Chemistry and to the Chemical Society of Washington. Charles Gordon was an editor of *The Capital Chemist* for many years and served CSW in many ways. The award, a plaque, will be presented at the December CSW dinner meeting. Written nominations should include a description of the accomplishments on which the nomination is based. Please send nominations by **September 15, 2011**.

All nominations should be mailed or emailed to the Chemical Society of Washington, 1155 16th Street, NW, O-218, Washington, DC 20036. All winners and their guests (with the exception of the E. Emmett Reid Awardee) will be the guests of the CSW at the December CSW dinner meeting.

Important Dates for Award Nominations

June 1, 2011: Schubert Award nominations due

September 15, 2011: CSW Community Service Award nominations due

September 15, 2011: Charles L. Gordon Award nominations due

October 15, 2011: Hillebrand Prize nominations due

November 1, 2011: E. Emmet Reid Award nominations due



Nominations for CSW's Top Award, The Hillebrand Prize, Due October 15

Nominations are invited for the 2011 Hillebrand Prize, awarded annually for original contributions to the science of chemistry by a member or members of the CSW.

The Hillebrand Prize is the most prestigious honor given each year by CSW and is recognized nationally as a mark of significant accomplishment in chemistry. The Hillebrand Prize originated in 1924 and is named for Dr. William F. Hillebrand (1853-1925), an internationally recognized pioneer in analytical chemistry and one of Washington's most distinguished chemists. The prize carries an honorarium of \$2000. Many previous Hillebrand Prize winners have won numerous other national and international awards, including three who have received the Nobel Prize.

The nomination letter must be

limited to 1000 words. Two seconding letters may be sent, limited to a maximum of 500 words. The package should also contain a curriculum vitae, a list of publications, and a proposed citation of not more than 25 words. The nomination package should be submitted by e-mail, preferably as PDF file (s) to csw@acs.org. Nominations will be active for three years.

In accordance with the CSW Standing Rules, both the nominee and the nominator must be current members of CSW, but this restriction does not apply to writers of seconding letters. If you would like to verify the eligibility of an individual as a nominee or nominator, please contact the CSW Administrator at csw@acs.org. All materials must be received by October 15, 2011. The awardee will be announced before the

end of the year, and the Prize will be presented at a CSW dinner meeting in March 2012.

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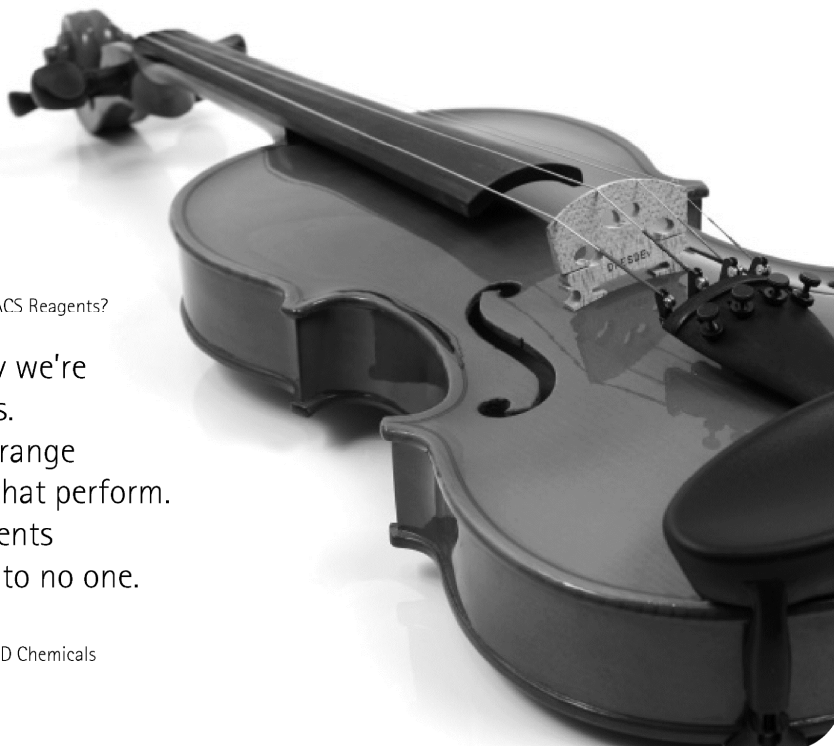
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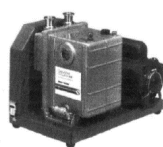
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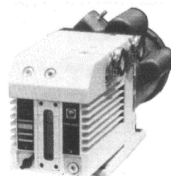
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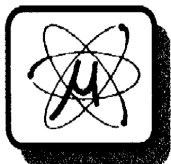
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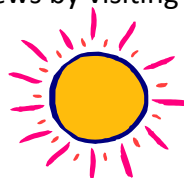
CSW Career Workshop Was a Success!

The Chemical Society of Washington hosted a Career Development Workshop for Chemists at George Washington University on April 9th, 2011. The workshop, entitled, "Experience from the Past and Tools to Build the Future," was attended by over 45 registrants ranging from undergraduate students to postdoctoral fellows. The full day symposium allowed participants to garner knowledge about the experiences of professionals who had taken diverse career paths which could be deemed traditional and non-traditional. Some of the best advice included, "pursuing your interests" and "not being afraid to change direction." In addition, the participants had the opportunity to hear about the current employment arena and to polish their resumes. The participants expressed enthusiasm over the symposium and the opportunity to learn from the invited speakers. The workshop was funded by a grant from the ACS Committee on Local Section Activities.



Photos: Career Workshop Panel Speakers (Top): Kathryn Hughes, Richard Jordan, John Malin, Bahram Moasser. Dr. James Zwolnick (Bottom), Workshop Chair, with participants.

The Capital Chemist will not be published in June, July, and August, but please keep up with your CSW news by visiting our website at sites.csw.acs.org!



Have a great summer!



CSW Calendar of Events

CSW Leadership Course

May 7, 2011

Location: ACS Headquarters

MARM 2011

May 21-24, 2011

University of Maryland, College Park

www.marmacs.org

May Dinner Meeting

May 23, 2011

Location: University of Maryland

Green Chemistry and Engineering Conference

June 21-23, 2011

www.gcande.org

CSW June Networking Happy Hour

Date & Location TBA



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May 3: Ten Commandments for Being a Successful Scientist

May 5: Creative Problem Solving in Chemical Research

May 19: Turning on the Light Bulb—Idea Generation and Idea Evaluation

May 26: The Chemistry of Cheese and Why We Love it