

CHEMunicator

July, 2012

Newsletter of the Rochester Section of the ACS

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Message from the Chair:

Fellow ACS Members

2012 is a special year for the Rochester Section of the American Chemical Society. This year the Rochester Section celebrates its 100th Anniversary. One hundred years ago, on February 21, 1912, the very first meeting of the Rochester Chemists' Club took place. Victor J. Chambers, the Chairman of the University of Rochester Chemistry Department, was named President.

Over the last 100 years, the Rochester Section of the American Chemical Society has sponsored a wide variety of professional, educational, and outreach activities for the benefit of its members and the general public. As we approach the next 100 years, we, no doubt, will face different challenges and opportunities.

To prepare for the future, the Rochester Section of ACS will hold a Strategic Planning Workshop in November. **You will be receiving an e-mail survey around the end of June to help us prepare for this event.** This on-line survey will take just a little of your time to complete, but will influence the outcome of the new strategic plan and shape the course of this local section through the coming years. Please invest those moments to help strengthen the input for this event and ensure your perspective is included.

Thanks in advance for your time and consideration. Your input will help us build a future for the Rochester Section as strong as the last 100 years.

Sincerely,
Steve Szatynski
Chair, Rochester ACS Local Section

Message from the Editor:

You will find much of the information from the Section's Website also in the CHEMunicator; but in the newsletter the goal is to present the information in an article format and provide an archive of this information. Website information changes frequently as updating is needed. Shortly after an event has occurred that information is removed from the website. The CHEMunicator seeks to gather information of use to the Rochester Section's members into windows of one to several months for our members, an allow you to go back to see older information. The newsletter may make it easier for members to get a snapshot of our activities while the website attempts to provide the most recent information and updates on our activities.

Ken Schlecht

2012 Chemistry Olympiad Update

Each year the Rochester Section of the ACS participates in the Chemistry Olympiad. The Section can identify up to 10 students to take the rigorous 4¾ hour 2012 U.S. National Chemistry Olympiad (USNCO) exam on Saturday, April 21, 2012, at McQuaid Jesuit High School. The Section does a preliminary screening of students based upon recommendations from their teachers. Teachers send a one-page recommendation explaining why they feel the student should be chosen to participate. Students must be U.S. citizens less than 20 years of age who will graduate no earlier than the spring of 2012. The following students from the schools listed below participated in this year's exam:

Jeff Gould	Pittsford Mendon
Felix Jin	Brighton
Sanjana Kumar	Pittsford Sutherland
Joseph Moore	Honeoye Falls—Lima
Matthew O'Toole	Pittsford Sutherland
Mitchell Perry	Brighton
Nathaniel Rogalskyj	McQuaid Jesuit
Jessica Schultz	Webster Thomas
William Simkins	Fairport High School

The top 20 students taking the USNCO exam attends an intensive two-week training camp (May 29-June 13) at the U.S. Air Force Academy; none of our students were in the top 20 nationally. The U.S. then sends a team of four students to compete against other nations at the IChO. The team members participate in both theoretical (written) and laboratory examinations over several days. Gold, silver and bronze medals are awarded to the highest achievers. The IChO also provides students with the opportunity to interact with their peers from other countries. The 2012 IChO will be held July 21-30 in Washington, D.C.

Mr. Brad Bovenzi, a chemistry teacher at McQuaid Jesuit High School has organized the event for the Section for many years. Thanks Brad.

The Rochester Section to Host the 38th Northeast Regional Meeting (NERM) 2012

The 38th Northeast Regional Meeting of the American Chemical Society (ACS) will be held at the Radisson Hotel Rochester Riverside from **September 30th to October 3, 2012**. Chemists from academe, government and industry will converge in Rochester to present papers or posters of their research work, hear about the latest cutting edge advances in the chemical/biochemical sciences, and participate in career-based activities. Undergraduate and high school programming will also be included.

Special events are planned throughout the conference. **Professor Xiaoliang Sunney Xie**, Mallinckrodt Professor of Chemistry and Chemical Biology, Harvard University, will be honored as the winner of the prestigious **2012 Harrison Howe Award**. Professor **Bassam Z. Shkhashiri, 2012 President of the ACS**, will participate in the Science Teacher Workshop by presenting one of his chemical demonstration shows as well as participating in a book signing event. A **Presidential luncheon is planned with Prof. Shkhashiri and Professor Cathleen Crudden, 2012 President of the Canadian Society of Chemistry**. The topic for this international meeting is "The Collaborating Role of Chemistry in Our Societies".

2012 is a special year for the Rochester Section of the American Chemical Society. This year **the Rochester Section celebrates its 100th Anniversary**. An ice cream social is planned to celebrate the anniversary along with a slide presentation of key events over the last 100 years. These 100 years are best described by our slogan, **"100 Years of Creating a Better Future through Chemistry"**.

This is a great opportunity for area companies to highlight their technologies and products to the northeast region of ACS which includes Maine, Vermont, Massachusetts, Rhode Island, Connecticut, and New York (except New York City). The NERM 2012 web site has information on the technical program, exhibition space, available sponsorships and program advertising offerings.

Professor Richard Hartmann, Department of Chemistry, Nazareth College, is Chairman for NERM 2012. He can be reached at 585-389-2585 or rhartma0@zimbra.naz.edu. Terry Bluhm is Program Chair and can be reached at TLBluhm@gmail.com. The Rochester Section invites you to register for NERM 2012 and consider giving a paper or poster. For a complete list of topics, to register or for more information visit our web site at WWW.NERM2012.ORG.

Section members will need to register for some of our usual fall events (Harrison Howe Award, and Award Banquet) through the National ACS NERM website. Members will not need to pay a NERM registration fee to attend these events.

YCC Younger Chemists Committee

If you are a young chemist starting your career, the Younger Chemists Committee of Rochester is here for you! The goal of the YCC is to help young chemists integrate into the profession of chemistry and become more involved with the ACS. On August 17 we will be hosting a summer picnic at Genesee Valley Park. In October, we will be co-hosting a career building workshop event with the University of Rochester. For more information, please visit our website at YCCrochester.org

February 21, 1912

On February 21, 1912, a small group of scientists gathered at Mechanics Institute (now the Rochester Institute of Technology) at the corner of Spring Street and South Plymouth Ave in downtown Rochester. The meeting was called to order by the 31-year old chief chemist of the Bausch and Lomb Optical Company, Harrison E. Howe. Also present was Victor J. Chambers, the Chairman of the University of Rochester Chemistry Department, and Samuel A. Lattimore, retired Professor of Chemistry and past-Chairman (1867-1908) of the UR Chemistry Department.

These men had gathered to conduct the very first meeting of the Rochester Chemists' Club. Chambers was named President, and Lattimore was given the title Honorary President. The initial roll consisted of just under 100 members. **Thirty members, including Lattimore, were also charter members of the American Chemical Society, which itself had been founded 36 years earlier in 1876.**

A few months later, in July 1912, the Rochester Chemists' Club was issued an ACS charter and formally became the Rochester Section of the American Chemical Society. It was the 40th Local Section of the ACS (there are now more than 180), and Victor Chambers served as its first Chair.

Throughout 2012, the Rochester Section of the ACS will celebrate its 100th Anniversary with a number of activities, culminating in a special celebration during NERM 2012. Please watch for special events, historical newsletters, and other items relating to this important milestone in the Section's history.

If you are aware of particular items relating to Rochester Section history, or have suggestions for other ways to recognize its 100th anniversary, please reply to this email or send a note Anniversary Chair Dick Cobb (dcobb4@rochester.rr.com).

2012 High School Chemistry Student Recognition Nights:

The Rochester Section's annual **High School Chemistry Student Recognition Nights** were held at the **Nazareth College Performing Arts Center** on Monday, May 21st and Wednesday, May 23rd, 2012. Both evenings included a chemistry demonstration show by members of the Rochester Section, presentations of the student awards and a reception following the ceremony. The students participating in the National Chemistry Olympiad Exam were also recognized. In total 955 students from the Rochester and surrounding region were awarded certificates of achievement in chemistry by the Section.

Group pictures from each school are available on the Rochester ACS website. The schools are listed below:

Monday - 336 students	Wednesday - 270 students
Bishop Kearney HS	Avon HS
Bloomfield HS	Brighton HS
East Rochester HS	Brockport HS
Greece Arcadia HS	Byron-Bergen HS
Greece Athena HS	Dansville HS
Honeoye Falls Lima HS	Fairport HS
Irondequoit HS	Franklin HS
Livonia HS	James Monroe HS
Northwest College Preparatory HS	Keshequa HS
Our Lady of Mercy HS	Lyndonville HS
Palmyra Macedon HS	Lyons HS
Pavilion HS	McQuaid Jesuit HS
Penfield HS	Red Jacket HS
Pittsford Sutherland HS	School of the Arts
Rochester Early College International HS	Webster Thomas HS
Ruben A. Cirillo HS	Wheatland-Chili HS
Wayne HS	
Williamson HS	
Wilson HS	

Schools for the remaining 349 students choose to present the Certificates at their own ceremonies.

The Section thanks Beth Burns, Jane Shebert, and all the other volunteers (Heidi Asarese, Brad Bovenzi, Cecelia Christopher, Bonnie Dupuis, Nita Eldred, Donna Himmelberg, Deb Janes, Anna McGrath, Maryann Mendel, Jim Reynolds, Ken Schlecht, Candace Schneggenburger, Shayne Watterson, & Tim Wilson) for organizing the event this year.

Welcome to the ACS Career Tips column.

If you're looking for your next job, there's nothing more important than building your professional network. According to career experts, the best hires come from referrals or word of mouth. Employers rely on employees and trusted colleagues to recommend good candidates. This is why networking is one of the most effective ways of finding a job.

The good news is that you already have a strong foundation of colleagues, classmates, and friends, and social media makes it easy to create professional relationships outside your immediate circle.

Here are 5 practical steps you can take now to develop a valuable professional network:

1. **Reconnect.** Ever wonder where past classmates have landed? Or that favorite boss from your last job? It is likely that these connections can provide insight and access to ideas and opportunities. Between LinkedIn, Facebook, and the ACS Network (www.acs.org/network), and it is easy to locate them and reconnect. When reconnecting, take the time to catch up and rebuild the relationship, whether you get together online or over a cup of coffee.
2. **Connect.** Add a personal element to your professional relationships. When people have a personal connection, they are more willing to share and lend a hand. Get to know the people you interact with professionally. Ask about their family or their plans for the weekend. Getting to know more about them will strengthen your network and improve your working relationships.
3. **Grow.** Your network can grow exponentially as you build relationships through social media or events such as ACS local section and national meetings. **Set a goal to meet two or three new people at an event or every month online.** Ask about what they do and what they are interested in, and try to find connections. Trade contact information with those you'd like to get to know better, then make sure to follow up.
4. **Respond.** It's easy to get inundated with e-mail and invitations to connect online, but if you want to build a strong network, it's important to keep communications flowing. Don't ignore requests for help from others, and respond to those seeking advice. If you can't help, refer them to those who can.
5. **Give.** Relationships are built on reciprocity. Provide information to others. To do so, remember what's important to them. Refer back to your notes—where you met, interests, discussion topics, etc. Share articles or papers you think would be of interest or reference a sport or hobby they follow. Keeping connected with your contacts builds valuable, lasting relationships.

Networking is one of the most successful ways to find a new job, and you never know when you might need to make a job change.

The Rochester Section sponsors monthly Networking Mixers on the 1st Tuesday of each month (**except this July** {due to the July 4th Holiday}, **and this October** {due to our hosting NERM 2012}) at McGregor's on Jefferson Rd. This is an excellent opportunity to Network!

The 2012 Rochester Section Chemistry Teacher-of-the-Year

Mrs. Candace Schneggenburger, was announced as the **2012 Rochester Section Chemistry Teacher-of-the-Year** at the High School Student Recognition Nights. The actual Award will be presented at the Section's Awards Dinner to be held in October during the NERM 2012 meeting at the Rochester Radisson Hotel. Mrs. Schneggenburger is a chemistry teacher at **Palmyra Macedon High School**. In addition to her teaching duties, she is the high school's Science Department Chair, as well as the Science Chair for the Palmyra Macedon school district. She also volunteers for the Section's High School Chemistry Student Recognition Night.

Teachers can be nominated by their colleagues or principals by submitting a letter to the Chair of the Section's High School Teacher-of-the-Year Committee (Beth Burns). The letters are usually due in early spring. A committee of teachers, college professors, and members of the Rochester Section evaluate the nominees and a winner is chosen. The nominees that are not selected have their recommendation carried over to the next year's pool of candidates. The award consists of a plaque and a \$100 check presented at the Awards dinner in the fall. The award winner is then nominated for the ACS Regional Chemistry Teacher-of-the-Year.



COUNCIL CORNER

D. Richard Cobb – Councilor

Here are some of the highlights from the 243rd ACS National Meeting that was held in San Diego, California from March 24th – 29th, 2012

ACTIONS OF THE COUNCIL

Election Results

Candidates for ACS President-Elect:

- The Committee on Nominations and Elections presented to the Council the following nominees for selection as candidates for President-Elect, 2013:
Thomas J. Barton,
Luis A. Echegoyen,
William A. Lester, Jr., and
Barry M. Trost.

By electronic ballot, the Council selected THOMAS J. BARTON and LUIS A. ECHEGOYEN as candidates for 2013 President-Elect. These two candidates, along with any candidates selected via petitions, will stand for election in the Fall National Election.

The nominees for the office of President-Elect alternate each year between academia and industry/government. The nominees in 2013 are from academia.

Candidates for District I Director:

- The Councilors from District I (The Rochester Section's District) voted earlier this year, and selected the final two candidates for District I Director from a list of four nominees. The final two candidates for the 2013–2015 term are:
DR. THOMAS R. GILBERT (Northeastern Section), and
DR. NEIL D. JESPERSON (New York Section)

The election of the District I Director will be conducted in the fall. Ballots will be mailed to the Council on or before October 10.

Candidates for Directors-at-Large:

- The Committee on Nominations and Elections announced the selection of the following candidates for Directors-at-Large for a 2013-2015 term:

Carol A. Duane,
Valerie J. Kuck,
Helen (Bonnie) A. Lawlor, and
Ingrid Montes.

The election of two Directors-at-Large will be conducted in the fall. Ballots will be mailed to the Council on or before October 10.

Committee Review:

- As part of a regular performance review, the Council VOTED to continue the Committee on Project SEED. This Committee sets policy for all Project SEED programs, including review of Project SEED I and II program applications for student research projects, funding decisions, and Project SEED college scholarship applications.

The Society's Finances

- Despite the sluggish economy, ACS generated strong operating results in 2011. Total revenue was \$472.0 million, up +1.8% over 2010. The Net from Operations was \$20.9 million, or \$7.7 million favorable to budget. This result was attributable to better-than-expected performance by the ACS Publications Division and careful expense management across the Society. While operating results were favorable, Unrestricted Net Assets declined from \$130.5 million to \$102 million. The decline was primarily due to a sizable accounting charge related to the Society's closed postretirement benefit plans. ACS ended the year in compliance with four of the five Board-established financial guidelines.

2013 Member Dues:

- The Council VOTED to set the member dues for 2013 at the fully escalated rate of \$151 (\$148 in 2012). This rate is established pursuant to an inflation-adjustment formula in the ACS Constitution and Bylaws.

Petitions to Amend the Constitution and Bylaws:

- (For Action) The Council took action on two amendments (petitions) to the ACS Constitution and Bylaws: The Petition to Amend Recorded Vote Request Procedure and the Petition on Market Data Collection. The Council VOTED overwhelmingly to approve both petitions. The Petition to Amend Recorded Vote Request Procedure provides that a call for a recorded vote after a clicker vote has commenced will be out of order, as would a call for a recorded

vote after the initial clicker voting has taken place. The Petition on Market Data Collection seeks to add a provision to allow for controlled market testing to collect data before the Society changes benefits, dues, or membership categories. The Board of Directors will vote within 90 days on whether to ratify the approved petitions.

- (For Consideration) The Council received two petitions for consideration: The Petition on Candidate Comment in C&EN and the Petition on International Chemical Sciences Chapters Funds. The Petition on Candidate Comment in C&EN seeks to restrict candidates for election to the Board of Directors from publishing comments in C&EN for a six-month period prior to the mailing of the election ballot. The Petition on International Chemical Sciences Chapters Funds seeks to clarify that the Board of Directors may allocate funds to international chapters for specific purposes. The Council is expected to act on these two petitions at the fall Council meeting.

Member Statistics:

- Membership recruitment and retention efforts were very successful last year. The Society ended 2011 with 164,215 members – the highest number in Society history. 24,249 new members were elected into the Society – 16,092 Regular Members and 8,157 Undergraduate Members.

Attendance Report:

- As of March 28, 2012, the ACS spring national meeting had attracted 16,921 registrants including 8,974 regular attendees and 5,742 students.

Chemical Professional's Code of Conduct:

- The Council VOTED to approve the Chemical Professional's Code of Conduct as submitted by the Committee on Economic and Professional Affairs. This document offers guidance for Society members in various professional dealings, especially those involving conflicts of interest.

ACTIONS OF THE BOARD OF DIRECTORS

At this meeting, the ACS Board of Directors considered a number of key strategic issues and responded with several actions.

The Board's Committees:

- The Committee on Grants and Awards presented the Board with a screened list of nominees for the 2013 Priestley Medal, Charles Lathrop Parsons Award, and the Award for Volunteer Service to the ACS. The Board VOTED to approve the screened lists, and will now vote on, and announce, the winners of these three awards after its June meeting. The Board also VOTED to approve a Society nominee for the National Medal of Science.
- On the recommendation of the Committee on Executive Compensation, the Board VOTED to approve several actions relative to compensation for the Society's executive staff. The compensation of the Society's executive staff receives regular review from the Board of Directors.

The Executive Director/CEO Report:

- The Executive Director/CEO and several of her direct reports updated the Board on the activities of CAS (Chemical Abstracts Service), the ACS Publications Division, and the Society's General Counsel.

ACS vs. Leadscope Litigation:

- The General Counsel report included a briefing on the ACS vs. Leadscope litigation. As previously reported, ACS has appealed to the Ohio Supreme Court, and the Court agreed to hear the case. Briefs have been filed in support of our position by several prestigious organizations, including the Ohio Attorney General, the Ohio Chamber of Commerce, the Ohio Manufacturers' Association and the Ohio State Bar Association. On September 7, the Supreme Court heard oral arguments in the case, and a link to the arguments can be found on acs.org. A ruling has not been issued but could come at any time. A more detailed report appears in the most recent edition of the Councilor Bulletin. Please contact the Office of the Secretary if you would like a copy.

Other Society Business:

The Board received the following:

- a briefing on current virtual and hybrid meeting strategies using the Virtual Career Fair and Virtual Exposition;
- a report from the Committee on Professional Training-Committee on Education (CPT-SOCED) Task Force on the American Association of Medical Colleges and the Howard Hughes Medical Institute report *Scientific Foundations for Future Physicians* – wherein the CPT-SOCED task force is considering the implications of chemistry-related recommendations contained in the report;
- a report from the President-Elect on plans and priorities during her presidential year; and a discussion on presidential succession budgets - particularly in light of increasing international and domestic travel demands.

The Board approved:

- the 2015 Pacifichem budget and authorized reimbursement, on a pro rata basis, to the participating ACS Divisions for expenditures in support of the Pacifichem program and activities;
- changes to Board Regulations regarding the composition of the Planning Committee and the appointment of canvassing and award committees;
- a proposal to administer and present the AkzoNobel North American Science Award as recommended by the Committee on Grants and Awards; and
- proclamations recognizing the 100th Anniversary of the South African Chemical Institute and the 80th anniversary of the Chinese Chemical Society.

The Society's International Activities and its Open Session:

The Board welcomed and received reports from several international guests representing the following scientific societies: the Canadian Society for Chemistry, the German Chemical Society, the Hungarian Chemical Society, the International Union of Pure and Applied Chemistry, the Mexican Chemical Society, and the Royal Society of Chemistry.

The Board held a lively, well-attended open session which featured a special forum on "The Future of Graduate Education and Research in the Chemical Sciences." Members attending this standing-room only session received an overview and update from the chair and executive director of the ACS Presidential Commission on Graduate Education in the Chemical Sciences. The commission is addressing two major questions: "What are the purposes of graduate education in the chemical sciences?" and "What steps should be taken to ensure that important societal issues, as well as the needs and aspirations of students, are addressed in graduate school?" Members discussed how the Society might offer greater assistance on this very important and timely topic.

ADDITIONAL INFORMATION:

The Society Committee on Education supported the recommendations from a task force to create a stand-alone association housed within ACS, supported by professional staff and governed by a volunteer board of association members.

The following is a list of URLs and email addresses presented on slides at the Council meeting. You will find the information noted on these sites helpful.

Safety:

safety@acs.org – email address for sharing ideas on “How can ACS best cultivate a culture of safety in US universities and colleges?” www.acs.org/safety - information on the Committee on Chemical Safety including “Creating Safety Cultures in Academic Institutions”

Employment/Careers:

www.acs.org/careers - information on ACS career resources. www.acs.org/ei - information on the ACS Entrepreneurial Initiative (Training and Resources)

Local Section Resources:

www.acs.org/getinvolved : grant information, important deadlines, officer resources.
www.acs.org/forms: submit annual reports, record meetings, activities and events year round.
speakers@acs.org: nominate speakers for the Online Speaker Directory

Other

www.acs.org/strategicplan - information on the new ACS Strategic Plan for 2012 and Beyond
www.acs.org/bulletin5: location of the Society’s governing documents and unit bylaws, and information on the petition process to amend the Society’s governing documents.
bylaws@acs.org: email address for questions to the Committee on Constitution and Bylaws.
www.acs.org/climatescience: information on the Climate Science Toolkit

As your Councilor, I am proud to be serving as a Member of the ACS Committee on Nominations and Elections (N&E). In this role, I serve on three Subcommittees:

- Subcommittee for the President-Elect elections
- Subcommittee for the Director-at-Large election
- Subcommittee for Interim Elections

PLEASE HELP: If you have any suggestions for National ACS office, please do not hesitate to send them on to me. It is vital that we come up with some solid industrial nominees for President-Elect in 2014.

Please remember that, as Councilors, both Rich Hartmann and I are YOUR voices on the national level. Feel free to contact us at:

Thank you!

D. Richard Cobb

DCOBB4@rochester.rr.com

865-9291

Project SEED

Summer Education Experience for the Disadvantaged

The **Rochester Section of the American Chemical Society** is an active participant in Project SEED. Project SEED places economically disadvantaged high school students in academic, industrial, and government research laboratories for eight-to-ten weeks during the summer to learn what it's like to work as part of a team doing hands-on research. Local Chairperson for Project SEED is Lea Vacca Michel. She can be contacted at cytochromec@gmail.com.

There are two programs within Project SEED:

Summer I Program: I is an 8 to 10 week program for first-time participants. Students are given a scientific research project in chemistry or a related field and receive a \$2,500 fellowship award.

Summer II Program: provides Summer I students the opportunity to continue research or start a new project. Participants receive a \$3,000 fellowship award and may be eligible for a travel grant to present research at ACS or other scientific meetings.

Half of the fellowship award comes from the national ACS, the other half is usually contributed by the laboratory the student works in. This year the Rochester Section has identified two mentors: Marcus Hoffman at SUNY-Brockport, and Gabrielle Gaustad at RIT. Three Rochester City School District students have been nominated. Transportation for the students to the colleges is an issue in making Project SEED successful. The Rochester Section is providing additional support with \$200 for bus transportation for the 10-week program (50 days, \$100/student). Individual Section members could help support this program by funding the transportation costs.

Project SEED is always looking for mentors for students to work with. If you have any such interest for future summers, please contact Lea.



THE ROCHESTER SECTION *of the*
AMERICAN CHEMICAL SOCIETY



MEMORIAL ART GALLERY
UNIVERSITY *of* ROCHESTER

Thursday, October 18, 2012

Chemistry & the Arts Lecture Series

Memorial Art Gallery - 500 University Ave., Rochester, NY

7:00 p.m.: **Dr. Francesca Casadio**, The Art Institute of Chicago

The Secret Lives of Masterpieces: CSI at the Art Institute of Chicago

ABSTRACT For the past 9 years a state-of-the-art scientific laboratory has been developed at the Art Institute of Chicago to enhance our understanding and long-term preservation of the works in the collection. In this talk we will present a behind the scenes look at the research taking place in preparation for exhibitions and scholarly catalogues of paintings from the Institute's renowned Modern and Impressionists collection. Part forensic science, part detective work, this lecture will unravel the creative and technical feats of art giants such as Monet and Picasso. It will illuminate how the tools of science can shed new light on the work of conservators and art historians and potentially alter the way in which the public looks at each work of art.

SPEAKER BIO: Francesca Casadio joined the Art Institute of Chicago in July 2003 to establish and direct a state-of-the-art conservation science laboratory. As the Museum's first A.W. Mellon Senior Conservation Scientist she is in charge of planning and carrying out scientific research in support of the preservation and study of the Museum's collection. Dr. Casadio has also established and co-directs a research and education collaborative program in conservation science with Northwestern University. Dr. Casadio received her Ph.D. and M.S. degrees in Chemistry from the University of Milan, Italy. In 2006 Dr. Casadio was awarded the L'Oréal Art and Science of Color Silver Prize for distinguished contribution to the creative meeting of science and art through color with her collaborative research with Professor Van Duyne of Northwestern University. Her work has been featured on air, online and in print on: reuters online media, US National Public radio, The Chicago Tribune, Crain's Chicago Business, Italy's il Corriere della sera, il Sole 24 ore, Vogue Italia, radio rai, and other media.

8:00 – 9:30 p.m.: Reception – Bausch & Lomb Parlor

