

THE OCTAGON



Volume 95, No. 3, March 2012

Lehigh Valley Section of the American Chemical Society

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Next Meeting
832nd Meeting of the LVACS
Friday, March 16, 2012
Moravian College

High School Teachers Night

Location: Moravian College – North Campus
Reception: 5:30 – 6:15 pm, Snyder Room, Hauptert Union Building
Dinner & Business Meeting: 6:15 pm – UBC Room, Hauptert Union Building
Evening Presentation : 7:30 pm Dana Lecture Hall, Collier Hall of Science
Menu: Buffet featuring Chicken Stuffed with Sun Dried Tomatoes, Spinach and Asiagio Cheese, Flounder Stuffed with Crabmeat Imperial, and Spring Vegetable Stir Fry
Cost: members \$30, students & retirees \$15 (High School Chemistry teachers will be our guests.)
Contact: Reservations: LouAnn Vlahovic by **Noon, Monday, March 12th**. Please include your name, affiliation. Registration can be made by phone (610-861-1425) or by email melnv01@moravian.edu (the

last two digits are numbers). Please put LVACS Registration in the subject line. (Note: email registrations will be confirmed by a return email.)

Directions: Directions to Moravian can be found on the web at <http://www.moravian.edu/admission/directions.htm>. Suggested parking is in Lots M, N, & O, along Locust Street. A campus map is available at <http://www.moravian.edu/campusMaps/north.htm>.

Moravian College encourages persons with disabilities to participate in its programs and activities. If you anticipate needing any type of accommodation, have any questions regarding physical accessibility or would like more information, contact Al Martin, 610-861-1433.

Evening Program

In an effort to assist high school science teachers in their work, tonight's meeting will be devoted to local resources for high school science teachers and their classes. We will hear from Prof. Rodger Berg about DeSales University's chemical demonstration team, from Prof. Brian Exton of Cedar Crest College on the Science in Motion program, and from Prof. Carl Salter of Moravian College on the High School

Spectrometer Loan Program. It will definitely be a fun and informative meeting, and should be valuable to science teachers in all disciplines, not just chemistry.

2012 Spring LVACS Meetings

January -Wednesday, January 18

Your Home or Office - Webinar

February -Thursday, February 16

Muhlenberg College

March - Friday, March 16

Moravian College

H.S. Teachers' Night

April - Tuesday, April 24

East Stroudsburg University

Student Poster Session

Undergraduate Awards Night

May - Date TBA

A Night at Steel Stacks

Wendy Cornell, PhD., Head of Proprietary Information and Knowledge Management Dept at Merck Research Laboratories in Rahway, NJ

Adrian E. Roitberg, PhD., Full Professor at the Quantum Theory Project, Department of Chemistry, University of Florida at Gainesville, FL, Senior Editor of the Journal of Physical Chemistry of the American Chemical Society, as well as a Board Member of the Journal of Molecular Modeling, the International Journal of Quantum Chemistry, and Advances in Quantum Chemistry

Sarah Larsen, PhD., Professor of Chemistry at the University of Iowa (UI), co-director of the Nanoscience and Nanotechnology Institute at UI (NNI@UI) and a senior editor for The Journal of Physical Chemistry

Guests

Penn State Berks Chemical Society

Greglynn Gibbs, Advisor

Heather Young, President

Heather Schmale, Vice-President

Meserret Zekarias, Treasurer

Kevin Arndt, Outreach Chair

Carol Libby, et. al., Moravian College

Charles Fischer

Open Issues

The meeting format was a webinar, supported by a Local Section Innovative Project Grant from the American Chemical Society.

Lorena Tribe thanked the 2011 officers for their service, and introduced the new officers and committee chairs.

LVACS Executive Committee and Committee Chairs - 2012

Chair: Lorena Tribe – Penn State Berks

Chair Elect: Tara Baney – Merk & Co., Inc.

Past Chair: Nigel Sanders – Specialty Minerals, Inc.

Secretary: Kelley Caflin - United States Army Armament Research, Development and Engineering Center, NJ.

Treasurer: Roger Egolf – Penn State Lehigh Valley

Councilor: Carol Libby – Moravian College

Councilor: Pamela Kistler – Cedar Crest College

Alternate Councilor: John Freeman – East Stroudsburg University

Alternate Councilor: T. Michelle Jones-Wilson –

Minutes - January 18, 2012

Lehigh Valley Section of the American Chemical Society

The regular meeting of the Lehigh Valley ACS was called to order at 7:00 pm on January 18, 2012 via Webinar based at Penn State Berks by Lorena Tribe.

Hosts

Lorena Tribe – LVACS Chair

James Karlinsey, Asst. Prof. Chemistry, Penn State Berks – Moderator (remote)

David Aurentz, Assoc. Prof. Chemistry, Penn State Berks – Technical Support

Speakers

East Stroudsburg University

Committee Chairs

Awards: High School Scholarships. William Miles – Lafayette College

Awards: Organic Chemistry Scholarship. John Freeman – East Stroudsburg University

Chemistry Olympiad. Elaine Gannon – Muhlenberg College

Education. Al Martin – Moravian College

Long-Range Planning. Nigel Sanders – Specialty Minerals, Inc.

National Chemistry Week. David Aurentz – Penn State Berks

Newsletter /Website. Michelle Jones-Wilson – East Stroudsburg University

Program. Tara S. Baney – Merk & Co., Inc.

Public Relations. Greglynn Gibbs – Penn State Berks

Safety. Lee Silverberg – Penn State Schuylkill

Women Chemists. Danielle Ringhoff – Lehigh University

Younger Chemists. Sara Hayik – DeSales University

The business meeting was adjourned.

Webinar

James Karlinsey moderated the speakers' presentations.

The theme of the evening was the role of undergraduate research and global experiences in the formation of a competent scientific work force in the 21st century.

Wendy Cornell (Brief Bio Attached) opened the discussion describing her career path, emphasizing the importance of her experiences outside the US. Her remarks set the stage for the evening.

Adrian E. Roitberg was introduced. (Brief Bio published in the January Octagon)

Prof. Roitberg's presentation was titled "Undergraduate research: Much more than just a cute idea". His presentation used statistical data to show that an increased interaction with foreign nationals leads to an enhanced desire to interact with the global community.

He reviewed current trends in destinations for research abroad, and analyzed international

experiences based on discipline and degree.

The 21st Century Skills from the National Research Council 2010: Exploring the Intersection of Science Education & 21st Century Skills lists Technical Excellency & Proficiency as baseline assumption, closely followed by Adaptability (Complex Communication skills), Non-routine problem solving, Self management/self development, and Systems Thinking, which Prof. Roitberg linked to outcomes of international research experiences.

Moving from a generic presentation to a more personal note, Prof. Roitberg gave an overview of two REU programs run by himself and by Prof. Valeria Kleiman (incidentally, his wife) based at the University of Florida: The US/South America REU Site in Chemistry & Molecular Biodiversity, and the US/France REU Site in Chemistry.

Over the last ten years more than 100 undergraduate students have traveled from the US to do research in the framework of these programs, and more than 100 foreign national students have visited the US to do research here.

There is abundant anecdotal evidence of the impact of these experiences on the students, two quotes that stood out being "Observing identical techniques and strategies in a lab over 4000 miles from home, I finally appreciated that my discipline was universal", and "The summer abroad also helped me feel like more of a citizen of the world, a scientist of the world that will stay connected for my entire life."

Closing remarks were provided by Sarah Larsen (Brief Bio Attached), who reviewed the possible sources of funding for similar projects.

Questions were asked via Chat box.

Door prizes were awarded to the first 3 participants to ask a question. Recipients of the \$30 Amazon Gift Cards are Meserret Zekarias, Carol Libby and Charles Fischer.

Feedback

In response to webinar poll question at the end of the meeting, 95 % of attendees queried responded that they would be interested in attending another meeting with the same format.

Adjournment:

Meeting was adjourned at 9:00 pm by Lorena Tribe.

The next general meeting will be at 5:30 pm on February 16, 2012 at Muhlenberg College.

Minutes submitted by:
Greglynn Gibbs, PR Chairs

LVACS 831st Monthly Meeting

Held at Muhlenberg College, February 16, 2012
Meeting Called to Order

In memory of Charlie Russell:

Roger Egolf spoke of Charlie works within the local section including roles as chair, memberships to committees, and most recently running of the student award program.

Research student of Charlie's also spoke kind words about Charlie, saying that he was a great person and mentor and that he will be greatly missed.

Introduction of Officers

LVACS Executive Committee and Committee Chairs - 2012

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Past Chair: Nigel Sanders

Secretary: Kelley Caflin

Treasurer: Roger Egolf

Councilor: Carol Libby

Councilor: Pamela Kistler

Alternate Councilor: John Freeman

Alternate Councilor: T. Michelle Jones-Wilson

Committee Chairs

Awards: High School Scholarships. William Miles

Awards: Organic Chemistry Scholarship. John Freeman

Chemistry Olympiad: Elaine Gannon

Education: Al Martin

Long-Range Planning: Nigel Sanders

National Chemistry Week: David Aurentz

Newsletter /Website: Michelle Jones-Wilson

Program: Tara S. Baney

Public Relations: Greglynn Gibbs

Safety: Lee Silverberg

Women Chemists: Danielle Ringhoff

Younger Chemists: Sara Hayik

Departing Officers were thanked

Nigel Sanders: Gift and Past Chair Pin

Al Martin, Kelley Caflin, and Pam Kistler also received a gift of appreciation

Webinar Prizes: Congrats to those of you who won the Gift Cards at the January webinar!

Carol Libby, Charles Fischer, and Meserret Zekarias

Webinar minutes:

If you attended the webinar please email please email Kelley Caflin letting her know you attended trying to populate a full list of attendees. (Kelley.caflin@us.army.mil)

Minutes were accepted- with a note to add meeting attendee's names

Budget:

Floor was open for discussion— Budget was approved

ACS Presidential Message:

Please be proactive in recruitment of new ACS members

Please reach out to your students about becoming a member

Carol Libby: Attended leadership institute and gave thanks to Tara Baney

Moravian will not be hosting student night as normal East Stroudsburg will host

Tara Baney: Gave thanks to Carol Libby for course at the leadership institute

Tara attended talks of engaging and motivating volunteers and leading w/o authority

Tara is excited to bring new ideas from the institute to the Executive board retreat.

Nigel Sanders: Long Range planning: brainstorming at Executive retreat, taking a look at the next 3 to 5 years. Thinking about goals, member involvement, etc.

Bylaws were approved...biggest change elections can now be done electronically!

Chem Olympiad:

62 students will take local exam with the possibility to send 10 to the national exam

Messages from committee chairs:

National chemistry week: If you have events planned please Dave Aurentz know

Public Relations: Please give Greglynn Gibbs a list of contact information for local newspaper which we can use to spread the word of LVACS meeting and events

Safety: Lee Silverberg sent a message of looking forward to projects in the future year... more information to follow after retreat.

Women in Chemistry: Check out the Facebook page to see articles posted by Danielle Ringhoff on women in chemistry.

Next meeting will be held and Moravian- High School Chemistry Night

Volunteers are in need for the Lehigh valley Science and engineering Program

Please consider volunteering for Chemists Celebrate Earth Day... April 22nd!

Meeting adjourned,
Respectfully Submitted,
Kelly Caflin, Secretary LVACS

In Memory: Charlie Russell



Dr. Charles E. Russell, Ph.D., 55, died on January 26, 2012. He was born October 27, 1956 in Roxbury, CT to Janice Wheeler Russell and Charles A. Russell Esq. He lived in Allentown with his wife, Winifred Neifert Russell. A 1978 graduate of Wesleyan University, Charlie received

his Ph.D. in organic chemistry from Colorado State University in 1983. After graduation he moved to France where he worked as a research assistant and a post-doc. Charlie settled in Allentown, PA in the fall of 1988 and began teaching at Muhlenberg College. Charlie was an active member of the American Chemical Society and held several leadership positions over the years in the Lehigh Valley Section of the ACS. Most recently Charlie had organized Student Awards Night for the LVACS. He received several summer faculty research grants that allowed him to continue working with students during the summer. His recent research interest was in organometallic chemistry. Charlie will truly be missed by his students and colleagues alike and it can be seen in the responses of students upon hearing of his death. "Dr. Russell was such a wonderful professor and an even more amazing person." "He helped me be a better chemist and better man." His legacy lives on in the lives of the people he has touched, "He will truly be missed by the thousands of students he has inspired."

LV-ACS Scholarship for Organic Chemistry

The Lehigh Valley Section of the American Chemical Society will award its annual Scholarship for Organic Chemistry this May. To be eligible, students should be below the junior level, currently enrolled in organic chemistry at an institution in the section, and a chemistry, biochemistry, or chemical engineering major. The competition entails taking the ACS Organic Chemistry Examination (45%), a letter of recommendation from the student's organic chemistry professor (10%), and an essay on a topic in organic chemistry (45%). The value of the scholarship is \$1000. Additionally, the top essay will receive \$100. Details about the exam, letter, and essay follow below. Students should indicate their interest in the scholarship in advance of 27 April 2012 to Dr John Freeman, Jfreeman@po-box.esu.edu.

ACS Organic Chemistry Examination: The exam will be administered on Saturday, 28 April 2012, at Moravian College, Bethlehem, PA from 9:00-10:30 AM. Students should report to the entry foyer of Collier Hall of Science by **F o r d i r e c t i o n s s e e** <http://www.moravian.edu/default.aspx?pageid=17> Juice and bagels will be available at 8:45 AM.

Letter of Recommendation: Professors writing a letter of recommendation on behalf of a student who is applying for the Lehigh Valley ACS Scholarship should speak to the student's skills in lecture and laboratory in Organic Chemistry I and Organic Chemistry II. Please provide the course grade for Organic Chemistry I and comment on performance on written exams, proficiency in organic lab, and participation in recitations, problem sessions or course-related group work. If possible, address the student's quantitative skills by commenting on her or his performance in quantitative analysis or its local equivalent. The letter of recommendation must be submitted in a sealed plain envelope and signed by the professor over the seal. The student will be required to bring the sealed letter to the ACS Organic Chemistry Exam at Moravian College on 28 April 2012.

Essays: The student should choose a molecule, a group of molecules, or a process in organic chemistry to write about. The essay should be written at a level to interest and educate a general chemist who has completed sophomore-level organic chemistry. Synthesis, mechanism and structural elucidation should be covered for the chosen molecule (or representative examples of a chosen group). If a process is chosen, the physical and chemical basis for its success should be explained. Judicious use of structures is expected. The essay should address the impact of the molecule or process on society and the student's personal interest in it. The essay should run from 1600 to no more than 1800 words in Times New Roman 12 point font with one-inch margins on all sides. Each page should have a header with the student's last name, brief essay title and page number. An additional page with references must

be included. References should follow the style of *The Journal of the American Chemical Society* (an article from a recent issue can serve as a model). The winning essay will be published on the section website with a link in the *Octagon*.

The essay will be rated on:

- 30% - Appropriate depth of coverage of the molecule(s) or process.
- 30% - Appropriate depth of coverage on the impact on society and student's interest.
- 20% - Ease of reading, including grammar, spelling, and logical flow of the material.
- 10% - appropriate use of structures and figures.
- 10% - Appropriate use of references.
- 5% - Penalty for failure to adhere to the formatting rules provided.

LVACS & WCC

As the newly appointed Chair of the Women in Chemistry Committee (WCC) for our local LVACS Section, I have



been trying to think of ways to reinvigorate our female constituents. For those who are unfamiliar, the Mission of the ACS WCC is to be leaders in attracting, developing, promoting, and advocating for women in the chemical sciences. There are four goals designed to fulfill the mission statement:

1. Attract women to a profession in the chemical sciences.
2. Take an advocacy position within the ACS on issues of importance to women in the chemical sciences.
3. Provide leadership for career development opportunities for women in the chemical sciences.
4. Promote and recognize the professional accomplishments of women in the chemical sciences.

With the last goal in mind, this is the first Spotlight, in what I hope to be a series, on a Woman in

Chemistry in the Lehigh Valley Section of the American Chemical Society. For those interested in getting more involved with our local section, this would be a great place to begin. Please feel free to contact me at dnr204@lehigh.edu if you have an idea you are willing share and make happen.



This month's Spotlight focuses on Doctoral Candidate Sherri Young. Sherri came to Lehigh University in 2007 after a wonderful undergraduate experience at Albright College. While at Albright, Sherri was involved in two research projects: one using NMR to explore keto-enol tautomerization, and another examining the rearrangement

mechanism of substituted imines to form oxadiazoles. As a junior, Sherri also participated in a summer program at Lehigh University, CESAR (Center for Emeritus Scientists in Academic Research), working with Dr. Robert Rapp.

Now in her 5th year of studies as a Ph.D. student in the Heindel/Flowers Groups, and contemplating the next step in her career, I sat down with Sherri to find out what got her started on her career in chemistry.

How did you get started in your field?

I knew even as a young girl in grade school that I loved science and math. It was during my junior year in high school when I was taking a forensic chemistry class that my passion for chemistry was sparked. I matriculated to Albright, took my first Organic Chemistry class with Dr. Christian Hamann, and it was all over. I found myself fully engaged in this new world of reaction mechanisms. My professors suggested I follow my passion for research and apply to graduate school, so here I am almost five years later.

You have mentioned having mentors encouraging you all along. How have they helped?

Yes, I have had several mentors who have inspired me. My current advisors, Dr. Ned Heindel and Dr. Bob Flowers, have been tremendous mentors, each having taught me more than they realize. In addition to encouraging me to publish and present my work, the most beneficial thing they have done for me is to give me space to grow and develop into a scientist. I have had the good fortune of being able to explore my own research ideas, which I believe is essential for personal growth. In addition, Dr. Karine Fabio, a Research Scientist with the Heindel Group, has inspired me to work towards being a strong, successful woman in science. I had many mentors at Albright College as well, especially Dr. Pamela Artz, Dr. Christian Hamann, and Dr. Robert Rapp, all of whom have made a profound impact on my life.

What have you had to sacrifice along the way, if anything?

There have definitely been sacrifices. Coming to the realization that this is not a "9 to 5" was a big step initially. I have sensed a bit of a disconnect with friends and family who have more traditional work schedules. While I would love to spend more time with my friends and family, I have made a commitment to my career that not everyone fully understands and have even lost a good friend because of this.

Making the commitment to pursue graduate studies has also been a financial sacrifice in the short term. Since my husband and I married almost two years ago, we are yearning for the day when we can buy a house and start a family. For now, we have to be patient and put our careers first. It is difficult when you see your friends moving forward with these aspects of their lives as your personal life is delayed, but I am confident that it will all be worth it in the end.

With so much sacrifice, how do you balance work and life?

I take it all one day at a time. I married into a large, very loving Italian family, which can be overwhelming at times. There are many family events throughout the year and although my

husband and I are committed to spending as much time as possible with our families, we have also made it a point to make time for ourselves.

I know life will get much more complicated once my husband and I start a family – a source of personal anxiety for me over the past couple of years. Nevertheless, as long as we continue to work as a team, it will all be fine. I will never be a gourmet chef and our house won't be the cleanest, but we will do our best with the time and resources we have. That is all that anyone can do.

When you take time for yourself, what do you like to do? Any hobbies?

I really enjoy staying active – hiking, playing tennis, running, aerobics, spinning, yoga, etc. I believe that if my body is healthy, my mind will also be healthy. Exercise is a tremendous stress reliever for me, allowing me to have sharper focus on my work. I also enjoy reading anything by David Sedaris – a satirical writer. Baking is yet another outlet, but I suffer from low self-control so I tend to share my treats with my lab mates. This may or may not be the reason why we have such a good working relationship.

What are your future plans?

I think many graduate students begin their job searches saying, "I will not post-doc, no matter what!" I, too, started out that way, thinking I would be able to get a research position in industry. However, the work climate has changed so much over the past few years. So many organic chemistry positions are being outsourced to foreign countries where chemists are still employed at a much cheaper rate. Now I am open to the idea of postdoctoral work. I think it would be a great opportunity to grow and extend my knowledge as a chemist, especially if I can focus on biochemistry. Consequently, I have also reevaluated my plans to go into industry. I started out with aspirations to teach at a small liberal arts school similar to Albright, hoping to inspire others the way my professors have inspired me. After I started doing research, I switched gears and was sure that the pharmaceutical industry and drug discovery was

the place for me. Now, I am revisiting my original plan – to teach at a small school. It would allow me to develop research projects and have a focus on teaching as well.

Any final thoughts? Favorite quotes?

Simple but profound – "Never, never, never quit."
~Winston Churchill.

Announcing . . .

MARM 2012

Chemistry on the Chesapeake



May 31- June 2, 2012
UMBC, Baltimore MD

Sponsored by
Maryland Section of the American Chemical Society

Featuring

Remsen Award Recipient
Dr. Daniel G. Nocera
*Henry Dreyfus Professor of Energy and Professor of Chemistry
Massachusetts Institute of Technology*



Symposium Topics

Chemistry of Renewable Energy
Environmental Chemistry of Water, Air, and Soil
Food and Sensory Chemistry
Nanotechnology: Materials and Environmental, Health, and Safety
Advances in Separations and Characterization of Biologicals
Fluorescent Molecules for Imaging and Measurements
Metabolic Engineering of Microorganisms
Chemistry of Medicine
Forensics



MARM 2012 -- Save the Date & Call for Abstracts

What: Middle Atlantic Regional Meeting of the American Chemical Society (MARM 2012)

When: May 31 -- June 2, 2012

Where: University of Maryland – Baltimore County, Baltimore, MD

You are cordially invited to participate in MARM 2012.

Visit the website at: <http://www.marmacs.org/2012>

Registration and Abstract Submission are now both open at the website!

The 43rd Middle Atlantic Regional Meeting (MARM 2012) of the American Chemical Society will be held from Thursday, May 31 to Saturday, June 2, 2012. Hosted by the Maryland Local Section, the meeting will take place at the University of Maryland Baltimore County in Baltimore, MD. Many exciting and informative symposia and events are being planned.

- Meet your colleagues
- Renew, Reward, Re-energize
- Networking Opportunities
- Top speakers
- Accelerate your career
- Make sure you attend
- Catalyst for success
- Be part of it!

Be part of this special event with speakers from industry, education and government at a variety of **TECHNICAL AND POSTER SESSIONS**:
<http://www.marmacs.org/2012/program.html>.

Symposia will focus on: • Analytical, Biological, Physical, Organic, and Inorganic Chemistry • Chemistry of Renewable Energy • Environmental Chemistry of Water, Air, and Soil • Food and Sensory Chemistry • Nanotechnology: Materials and Environmental, Health, and Safety • Advances in Separations and Characterization of Biologicals • Fluorescent Molecules for Imaging and Measurements • Metabolic Engineering of Microorganisms.

Meeting Highlights will include: • A presentation by Remsen Awardee Dr. Daniel G. Nocera • Workshops on Career Development • Chemical Entrepreneurship • Analytical Instrumentation Methods • Education Events-Vendor Exhibitions, • WCC Luncheon • Student member events • YCC events.

The deadline for submitting abstracts to participate in sessions is April 15.

Organizing Committee:

General Chairs: Paul Smith (pjsmith@umbc.edu),
Stephanie Watson (stephanie.watson@nist.gov)

Program Chairs: Brad Arnold (barnold@umbc.edu), Ken Cole, (kenneth.cole@nist.gov)

Treasurer: Angela Sherman (ASherman@ndm.edu)

Exhibits: Takashi Tsukamoto (ttsukamoto@jhmi.edu)

Short Course - High Polymer Latexes

Professor Mohamed El-Aasser, Professor of Chemical Engineering and Vice President of International Affairs at Lehigh University is the organizer of our 43rd annual one-week short course, "Advances in Emulsion Polymerization and Latex Technology", to be held Lehigh University during the week of June 11 – 15, 2012. This course is designed for engineers, chemists, other scientists and managers who are actively involved in emulsion work and for those who wish to develop expertise in the area.

The course is an in-depth study of the synthesis and properties of high polymer latexes. The subject matter includes a balance of theory and applications as well as a balance between chemical and physical problems. Lectures, given by leading academic and industrial workers, begin with introductory material and review, and progress through recent research results. The course fee is \$1,550.00 for the entire week, but there are certain discounts that are available.

Further information can be obtained from:

Dr. Eric Daniels

Emulsion Polymers Institute, Lehigh University

111 Research Drive, Bethlehem, PA 18015

Phone: (610) 758-3602 FAX: (610) 758-5880

E-mail: Eric.Daniels@lehigh.edu

The course website may be found at:
http://fp2.cc.lehigh.edu/inemuls/epi/Lehigh_sc.htm

Submissions to the Octagon

LVACS members, we want to know about what you do! Please submit pieces of interest to the chemistry community for publication in the Octagon. Articles about chemistry or science in the Lehigh Valley are always welcome. Let us know about upcoming events, educational opportunities or job openings.

The Octagon is published eight times per academic year, September through May. Each issue generally arrives three weeks before a section meeting. Thus the deadline for submissions is approximately one week earlier. Please email the editor at lvacs@verizon.net for specific questions about deadlines for any issue. Email submissions to lvacs@verizon.net

A note about formatting:

Please submit text as simple .txt files, or you may paste the text into an email. If you use later versions of MS word please do not submit documents as .docx files. I cannot always read all content in .docx formatted files. It would be best to use the "save as" option, generally found under the file menu, to save the document as .txt. Also images embedded (pasted) in MS word (particularly later versions) are problematic to extract and put in the newsletter while retaining good image quality. Whenever possible, please submit images in a standard format such as .jpg, .jpeg, .gif, .tiff or .bmp as individual files, rather than embedded within a document. If the placement of images is critical you could submit two versions (one embedded so that I can see where you would like images placed) and the other as separate files so that I may maintain figure resolution.

LVACS Officers - 2010

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