



of Western New York



Double Bond

The Newsletter of the Western New York Section of the American Chemical Society

Volume 84

September 2012

2012 SCHOELLKOPF MEDAL

The Western New York Section of the
American Chemical Society
invites you to be present
at the eighty-second presentation of the
Jacob F. Schoellkopf Medal

to

Dr. Luis A. Colón

*in recognition of his pioneering contributions to the
advancement of separation science, his dedication to
mentoring and advancing of diversity in the chemical
sciences, and his service and leadership in the profession*

Tuesday evening the eleventh of September
two thousand twelve

Cash Bar with cold and hot hors d'oeuvres at six o'clock

Dinner at seven o'clock

Presentation to follow dinner

Salvatore's Italian Gardens Restaurant

6461 Transit Road

Depew, NY

Formal Dress Optional

R.S.V.P. by September 4, 2012

(further details are found on page 13)

CALL FOR 2013 OFFICER NOMINATIONS

If you have ideas and energy, then get involved with the Western New York Local ACS Section. We are looking for new voices from among our local ACS members, and getting on the Executive Committee is a great way to turn your chemistry ideas into action. We will be filling a Member-at-Large position with a 2-year term, and we are seeking leaders for other positions.

If you are interested in becoming more active in our section yourself, or wish to nominate someone else, please contact a member of the current executive board listed at the end of this newsletter.

Nominations, including contact info for you and the nominee, should be sent to Dr. Timothy Gregg by email at greggt@canisius.edu or (716) 888-2259 by October 15, 2012.

Elected officers must be members of ACS.

Details concerning the election for 2013 officers will be posted in the next issue of the *Double Bond*.

2012 INTERNATIONAL CHEMISTRY OLYMPIAD

The 44th International Chemistry Olympiad was held at the University of Maryland, College Park at the end of July. Members of the US team won one gold and three silver medals in the competition, which includes laboratory and exam phases over the 10-day event.

For all of this year's results, see the [IChO Website](#).

The 45th International Chemistry Olympiad will take place in Moscow in July 2013.



2012 SCHOELLKOPF MEDAL

The Schoellkopf Committee of the Western New York Section of the American Chemical Society is pleased to announce that Dr. Luis A. Colón from the Department of Chemistry, University at Buffalo, SUNY, is the 2012 Jacob F. Schoellkopf Award recipient. Dr. Colón will be presented with the Schoellkopf Medal in recognition of his pioneering contributions to the advancement of separation science, his dedication to mentoring and advancing of diversity in the chemical sciences, and his service and leadership in the profession.

Luis A. Colón was born in Cidra, Puerto Rico and received the B.Sc. degree in chemistry from the University of Puerto Rico (UPR) at Cayey. After a stint as Senior Chemist in a pharmaceutical company (Syntex F.P., Inc.) in Puerto Rico, he started graduate school in the Department of Chemistry at the University of Massachusetts-Lowell, where he completed his Ph.D. in 1991, working with Professor Eugene F. Barry. He was a postdoctoral fellow in the research laboratory of Professor Richard N. Zare at Stanford University before joining the faculty in the Department of Chemistry at the University at Buffalo, SUNY (UB) in 1993, where he holds the rank of Professor and just finished his term as Chair of the Department.

Colón's research interests are in the field of micro/nano chemistry, including the study and development of new chromatographic media and column technology in separation sciences, detection schemes for monitoring mass-limited samples and the development of new strategies to separate and analyze complex chemical or biochemical sample mixtures. He is well regarded for his work in capillary electrochromatography (CEC), column packing technology, the use of small particles (even below the micron size regime) in liquid chromatography (e.g., UHPLC), and the development of organosilica hybrid stationary phases in LC. Currently, his group is studying the use of nanomaterials as stationary phases as well as new monolithic structures for chromatographic applications. He is the author of about 100 publications, and holds eight U.S. patents, and with his team, has delivered over 400 presentations related to his research. Colón has supervised and mentored 23 PhDs, 10 Masters students and over 30 undergraduate researchers. He has served, or is serving, on the Editorial/Advisory Board of *Analyst*, *Applied Spectroscopy Reviews*, *Electrophoresis*, and *Microchemical Journal*. He also served as the editor of *The Analyst*, an international journal of the Royal Society of Chemistry (2001-2007). He served as the chair of the Western New York Section of the ACS, as a member of the Governing Board of the Northeast Regional Chromatography Discussion Group, and on the Executive Committee of the ACS Subdivision of Chromatography and Separation Chemistry. Colón is a member of the



Dr. Luis A. Colón

American Chemical Society (ACS), the American Association for the Advancement of Sciences (AAAS), the Royal Society of Chemistry (RSC), the Society for Applied Spectroscopy (SAS), and the Puerto Rico Chemist Association.

Colón was awarded the National Science Foundation (NSF) Minority Research Initiation Award (1994), the Whitaker Foundation Fellowship (1994-97) and received the NSF Award for Special Creativity (1999-2001), the University at Buffalo Inventors Recognition Award (2000 & 2001) and the 2003 Faculty of the Year Award by the Compact for Faculty Diversity and AGEP. In 2005, he was elected Fellow of the Royal Society of Chemistry; that same year, the Hispanic Scholarship Fund honored him with *The Optimista* Award and inducted him into its Alumni Hall of Fame, a distinction shared with the 17th Surgeon General of the United States of America (Dr. Richard Carmona). More recently, the American Association for the Advancement of Science (AAAS) presented him with its 2009 Mentor Award. In 2010, he received the ACS Stanley C. Israel Regional Award for Promotion of Diversity in Chemical Sciences; in 2011 he was recognized along with the UB Chemistry Department as one of the *Examples of Excelencia* in educating Latinos in the USA. Colón has also been honored with the 2012 UB Graduate School's Excellence in Graduate Student Mentoring Award, the 2012 Geoffrey Marshall Mentoring Award by the Northeastern Association of Graduate Schools, and the 2012 A.A. Benedetti-Pichler Award by the American Microchemical Society for his outstanding research in microchemical analysis.

2012 SCHOELLKOPF AWARD BANQUET

Tuesday, September 11, 2012

Salvatore's Italian Gardens Restaurant

For reservations, please call Alice Steltermann at the
Canisius College Department of
Chemistry and Biochemistry
(716) 888-2340

Dinner Selections:

Filet Mignon**Chicken Milanese**

(Panko breaded chicken, topped with tomatoes, red onion, shaved asiago & drizzled with balsamic glaze)

Fresh Salmon

(served with a lobster dill sauce)

Vegetarian

(roasted vegetables with Mediterranean orzo in olive oil)

Wine served with meal

\$40.00 per person (\$20 per student)

Please respond by September 4, 2012.

*Make checks payable to
Western New York Section – American Chemical Society.*

**WCC/ELI LILLY TRAVEL AWARD**

The ACS Women Chemists Committee (WCC) and Eli Lilly and Company sponsor a program to provide funding for undergraduate, graduate, and postdoctoral female chemists to travel to meetings to present the results of their research.

Awards are made on the basis of scientific merit and financial need. Funds may be applied only for registration, travel, and accommodations, and are restricted to travel to meetings within the United States. Grant funds are limited, but there are some funds designated for undergraduates.

In addition to financial support, the award provides networking opportunities for recipients who attend an ACS national meeting. The WCC hosts a poster session and reception for awardees at each national meeting. In addition, awardees are invited to the WCC Luncheon where they receive recognition. The luncheon also provides a valuable networking opportunity as awardees sit at the head tables along with ACS governance and WCC members. Lastly, awardees are invited to a private dinner with WCC members, a dinner that is generously sponsored by the ACS Executive Director.

The deadlines for receipt of applications are:

- Feb. 15 for meetings between July 1 and Dec. 31.
- Sept. 15 for meetings between Jan. 1 and June 30.

[Online Application Form:](https://fs7.formsite.com/acsdiversity/form135499784/secure_index.html)

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PETER E. DEMMIN

Peter E. Demmin, Ed.D, age 74, of Amherst and formerly of the city of Tonawanda, died May 7, 2012.

Dr. Demmin was a 1955 graduate of Tonawanda High School and received his BS, MS and Ed.D from the University of Buffalo. He was employed as a teacher at Amherst Senior High School for 36 years, 26 as chair of the science department. He taught advanced placement chemistry, authored a review book for AP chemistry, and, after retirement, was a chemistry consultant for the College Board.

70 YEARS AGO IN THE DOUBLE BOND

WNYACS hosted the 1942 National Meeting of the ACS, and the following excerpts come from the September, 1942 issue of the Double Bond

It is our hope that this issue of the *Double Bond* will prove useful to our visitors. It has been written with that idea foremost in our minds. We could have devoted pages to the history of Buffalo, the Local Section, the beauties of Niagara Falls and so on. However we feel that in times like these you came to Buffalo chiefly to get technical information and if we have facilitated your work in any way we have done our bit.

We regret that wartime restrictions prevented our scheduling industrial trips for you. Also that we are unable to describe the many interesting chemical plants in this area. However winning the war is with us now more important than anything else so such trips will have to wait until more peaceful times.

This is the third time that we of the Western New York Section have had the honor of acting as host and it is with pleasure that we again extend the hand of greeting. Our first National Meeting was the Spring Meeting of 1919, which was known as the Victory Meeting. We were hosts again in 1931 during the great depression. Today in 1942, we meet in a world at war but we know that this gathering will help pave the way for another Victory Meeting.

May we presume upon your time for a moment to introduce ourselves again? This is necessary because since 1931 when we last met our membership has more than doubled. Today there are approximately 628 National Members in our section. On November 18 1905, when we first organized, we numbered 37. Our growth since that date...parallels the rapid expansion of the industrial resources of the Niagara Frontier. Approximately 90% of our members are industrial employees, 5% are teachers in schools and colleges

Editor's note: The 2012 WNYACS roster lists 747 members. 50% of the membership is employed at "Academic Institutions" with a total of 20% employed by various "Manufacturers" and 2% in "Government". Of the remaining categories of employer, 18% of the current membership is listed as "Other", "No response" or "NA"

Our membership includes 22% who are employed "Internationally".

Where's a good place to EAT? is apt to be one of the visitor's first thoughts, or queries.

You can count on good food in Buffalo's leading hotels, the Statler, the Lafayette and the Buffalo, but in case you may wish to investigate other eating places, let's stroll north from the Hotel Statler on Buffalo's famous Delaware Avenue and see what it has to offer.

Only a block north at the corner of Huron Street is Charlie's, a restaurant which is an epicure's delight. There is no better place anywhere for a choice steak dinner than Charlie's. This is one of Buffalo's more expensive eating places.

Two blocks further north is the Touraine Hotel which has for many years maintained a high standard for the food served in its dining room and coffee shop.

Almost across the avenue at No. 311 is Chez Ami with its revolving bar. This restaurant and night club is well known for the high quality of its entertainment and its food.

Buffalo now boasts a Howard Johnson, at No. 650 Delaware Avenue, corner of North Street. To anyone who has ever eaten in one of these famous restaurants no further word is necessary. We urge the uninitiated to become acquainted with Howard Johnsons. Fried clams are one of the specialties here.

Across the avenue at No. 641 is Kathryn Lawrence's, a fine restaurant housed in one of Buffalo's most famous old homes--the Ansley Wilcox mansion. In this home more presidents of the United States have been entertained than in any other home in America. It was in this mansion that Theodore Roosevelt took the path of office as President of the United States following the death of President McKinley in 1901.

A short distance to our left at 147 North Street is Tuyn's, a restaurant noted for the quality of its meals, and listed in Duncan Hines "Adventures in Good Eating".

Further north, where Delaware Avenue "flows around" Gates Circle is the Park Lane Restaurant at 33 Gates Circle. The Park Lane is another fine place to eat, with "atmosphere".

One of Buffalo's newest and most distinctive restaurants is the fashionable Dog Club located at 91 Niagara Square, just a few steps from the Statler. This attractive restaurant and cocktail bar should prove to be very popular with visitors at this Buffalo meeting.

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