



Double Bond

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

Volume 87

April 2015

EDUCATION NIGHT BANQUET

Please join us in recognizing

Mr. Edward Bogdan

of Immaculata Academy
Outstanding High School Science Teacher of the Year

Tuesday, April 21, 2015

Cash Bar 6:15 p.m.
Buffet Dinner 6:45 p.m.

Awards 7:45 p.m.
Outstanding High School Science Teacher
Chemistry Olympiad High Scorers
Outstanding College Seniors

The speaker this year will be

Dr. John Peck of Praxair
whose talk will be entitled:

Overview of Oxygen Transport Membranes

Fairdale Banquet Center
672 Wehrle Dr.
Amherst, NY

Cost \$30, \$15 for students

**** RSVP by April 17, 2015 ****

Please send your reservation information to Alice Steltermann (716-888-2340, or steltermann@canisius.edu).

for more information, see page 2

UNDERGRADUATE RESEARCH SYMPOSIUM

It is not too late to send in your abstract for the 8th annual **WNYACS Undergraduate Research Symposium** at D'Youville College in Buffalo on April 11, 2015. Join us in celebrating the hard work of students at area colleges and universities.

Poster abstracts accepted through Thursday, April 2.

Information is available on the Symposium website:

wny.sites.acs.org/undergradsymposium.htm

2015 SCHOELLKOPF AWARD NOMINATIONS

Please consider submitting a nomination for the 2015 Jacob F. Schoellkopf Medal--the oldest continuously presented section award in the ACS.

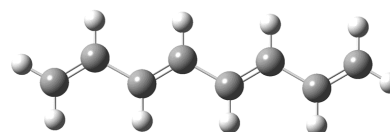
Information is available on the nominations website: wny.sites.acs.org/schoellkopfnomination.htm. Nominees not selected are automatically considered for the following year's medal, and updates of nomination packets are encouraged.

Questions may be directed to the Schoellkopf Committee Chair, Dr. Timothy Gregg:

(716-888-2259, greggt@canisius.edu)

Nominations should be submitted electronically as a single PDF document by **May 1, 2015** to the secretary:

Dr. Christopher J. Patridge
patridge@dyc.edu



2015 OUTSTANDING HIGH SCHOOL SCIENCE TEACHER OF THE YEAR

Mr. Edward Bogdan

Mr. Edward Bogdan of Immaculata Academy, Hamburg, NY is the 2015 Outstanding High School Science Teacher of the Year. When Edward joined the staff at Immaculata in 1998, the school only offered Regents Chemistry and class sizes were typically 10. In the past 16 plus years, the science offerings have substantially expanded to include Chemistry, Honors Chemistry, AP Chemistry, Physics and Honors Physics. The young women now not only take these upper level courses but dream of careers in these fields. His students continue on to higher education at the US military academies, Ivy League universities and engineering schools. The positive atmosphere he creates is reflected in the entire student body. All faculty, staff and students are witness to the full auditorium cheering every time he steps on stage to introduce his clubs at the annual assembly. To quote his principal Ms. Jill Monaco, "he holds a beautiful balance of seriousness and playfulness with everyone that crosses his path". Currently the Science Department Chair, he brings a wealth of experience and knowledge, and assists in decision-making for the entire science program. Mr. Bogdan is also being honored in this spring's edition of Business First as an Outstanding Educator.

WNY CHEMISTRY OLYMPIAD HIGH SCORERS

Listed below are the students with the highest scores on this year's Western New York Chemistry Olympiad Test, along with the name of each student's chemistry teacher at their school.

<i>Student</i>	<i>High School</i>	<i>Teacher</i>
Josh Biltekoff	St. Joe's	Mr. Matthew Hellerer
Bhaskar Roberts	Williamsville N.	Ms. Colleen Sowinski
Matthew Wiewiorski	St. Francis	Mr. Jason Cretacci
Ling Ming Kong	Williamsville N.	Ms. Colleen Sowinski
Ian Ferer	Orchard Park	Dr. Robert Rominger
Dong Hyun Yun	Williamsville E.	Ms. Stacy Bernard
Evan Busch	East Aurora	Mr. John Swiniuch
Anna Swetz	Orchard Park	Dr. Robert Rominger
Ian Rozensky	City Honors	Ms. Valerie Davis

These nine students have been invited to take the National Chemistry Olympiad exam later this month. The top 20 students from the national competition will take part in a two-week study camp in June at the U.S. Air Force Academy. At the camp's conclusion, four students will be named as the U.S. team to the International Chemistry Olympiad, July 20-29, in Baku, Azerbaijan.

75 YEARS AGO IN THE DOUBLE BOND

This excerpt appeared in April, 1940

Perhaps the most frightening aspect of modern war is the intellectual blackout which it creates. One does not have to subscribe to H.G. Wells' grim prophecy that "mankind, which began in a cave and behind a windbreak, will end in the diseased-soaked ruins of a slum"; but certainly the night in Europe cannot be long continued without the sacrifice of cultural values on so vast a scale that the chance of an enlightened and gracious life, not alone for this generation in Europe, but for the children and grandchildren of this generation, will be irretrievably lost.

If because of war exhaustion or chaos the universities and laboratories of Europe should be forced to suspend their fundamental activities for even half a decade, the consequences to the intellectual life of America would be immediate and disastrous. For scientific growth is almost invariably the result of cross-fertilization between laboratories and groups in widely separated parts of the world. Only rarely does one man or one group of men recite with clear, loud tones a whole important chapter, or even a whole important paragraph, in the epic of science.

Achievement in science, more often than not, is the result of the sustained thinking of many minds in many countries driving toward a common goal. The creative spirit of man cannot successfully be localized or nationalized. Ideas are starved when they are fenced in behind frontiers. If, as a result of the present cataclysm on the other side of the Atlantic, Europe freezes into an Arctic night, we shall not easily keep the fires lit in the universities and laboratories of America.

The source of this passage is the Annual Report from the Rockefeller Foundation for 1939, and can be read at:
www.rockefellerfoundation.org/about-us

In more general and even more foreboding language, that report continues: ...in spite of many unfortunate exceptions, there seems to be at least some effort in influential circles in Europe to insulate important scientific research work from the shock of war... but an attempt to keep scientific workers at their tasks, laudable as its motive is, meets but a small portion of the problem. At best it can salvage for the future only those whose promise is already indicated. Nowhere is there occult imagination to detect in a humble patent examiner a future Einstein, or to see in a tanner's son a Louis Pasteur. Darwin at twenty showed no particular promise in his studies...

No human precaution can protect a nation from the sacrifices which war levies upon future talent--the undiscovered scientists, the gifted minds, the intellectual and spiritual leaders upon whom each generation must build the hope and promise of the generation to come. The mortgage which war places upon the economic resources of a country is as nothing compared with the mortgage levied upon its future intellectual and cultural life.

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