



31ST NATIONAL ORGANIC SYMPOSIUM

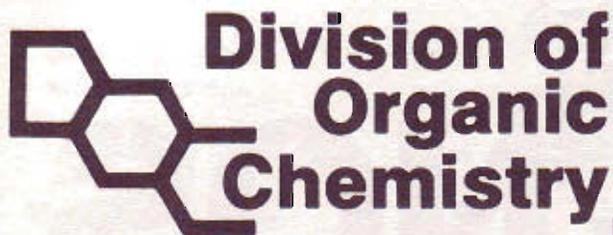


**June 18-22, 1989
Cornell University
Ithaca, NY**

LOCAL ORGANIZING COMMITTEE

**Bruce Ganem
Jon Clardy
John Terry
Heinz Koch
Earl Peters
Beth Ganem
Mary Rachun**

*Co-Chairman
Co-Chairman
Treasurer
Poster Sessions
Campus Liaison
Food and Beverages
Arrangements Coordinator*



American Chemical Society

Symposium Executive Officer, Department of Chemistry
University of Texas, Austin, TX 78712 (512) 471-3915

January 5, 1989

Dear Colleague:

It is my pleasure to invite you to attend the 31st National Organic Symposium of the American Chemical Society, which will be held on the campuses of Cornell University and Ithaca College in Ithaca, New York, June 18-22, 1989.

The National Organic Symposium has had a long history of presenting the most distinguished lecturers representing all aspects of organic chemistry. As you will note from the accompanying list of speakers, this year's symposium clearly extends that fine tradition.

The program is highlighted by the Roger Adams Award Lecture on Tuesday evening. In addition to the ten other plenary lectures, the Local Organizing Committee has planned two evening poster sessions. These have proven quite popular at the past two symposia. If you would like to present a poster, please complete and return the poster submission form and abstract contained in this mailing by March 1, 1989. The Program Committee will review the submissions and inform you of their acceptance or rejection by April 1, 1989.

Having recently visited Central New York State for the first time, I can tell you that the symposium site is outstanding! The city of Ithaca lies at the foot of Cayuga Lake, bounded on the east by Cornell University and on the south by Ithaca College. Both campuses offer spectacular views of the clear blue lake and surrounding countryside. The area provides numerous opportunities for short excursions that might be combined with a family vacation, and several tours have been arranged. A wide variety of accommodations is being offered on the Cornell Campus.

We have tried to make the symposium as attractive and affordable as possible. We encourage you to bring your family and experience the great outdoors of the Finger Lakes country. The opportunity to participate in an outstanding scientific program of the caliber of this National Organic Symposium while enjoying the quiet environs of Central New York is a hard combination to beat.

Please submit your registration forms as early as possible. I look forward to seeing you in Ithaca in June.

Sincerely yours,

Stephen F. Martin
Symposium Executive Director



18-22 June 1989
Ithaca, New York

NOS

January 5th, 1989

Dear Colleague:

We are delighted to announce that the 31st National Organic Symposium of the American Chemical Society will be held in Ithaca, New York on the campuses of Cornell University and Ithaca College. This year's symposium is being sponsored in part by the Cornell Section of the ACS and in part through generous financial contributions from several corporations in the pharmaceutical industry.

Our Symposium Executive Officer, Stephen F. Martin, has assembled a superb scientific program. Additionally, the program will include two evening poster sessions that have been quite popular in recent years. As co-chairmen of the Local Organizing Committee, we wish to extend a very sincere invitation to attend the 31st edition of NOS in June.

Cornell University and Ithaca College are located in the heart of the Finger Lakes region of Central New York, whose terrain was sculpted tens of thousands of years ago by receding glaciers. The result is a collection of deep gorges, cascading waterfalls, spectacular wildflowers and hiking trails. Besides offering opportunities for sailing, canoeing, bicycling and fishing, Ithaca is the southernmost point in the Cayuga Wine Trail, where local vintners produce award-winning wines using a very special sort of organic chemistry!

Ithaca also enjoys an artistic and cultural life comparable to cities many times its size. Once the home of the American film industry, the city has several art galleries and a professional summer stock theater. Musical offerings range from jazz to symphony concerts and from rock groups to the popular Ithaca Town Band.

We hope you will register to attend the 31st NOS and discover our city in the warm June sunshine. An exciting scientific and social program has been planned for your enjoyment.

Sincerely yours,

Jon Clardy
Co-Chairman

Bruce Ganem
Co-Chairman

31st National Organic Symposium Program

Monday, 19 June

- 8:30 am Welcome, Announcements and Opening of the Symposium
- 9:00 am Professor E.J. Corey
"New Methods and Reagents for Enantioselective Synthesis"
- 10:45 am Professor Julius Rebek, Jr.
"Molecular Recognition in Synthetic and Bio-organic Chemistry"
- 7:30 pm Professor George M. Whitesides
"The Physical-Organic Chemistry of Surfaces and Interfaces: Self-Assembled Monolayer Films"
- 8:45 pm Posters

Tuesday, 20 June

- 9:00 am Professor Philip D. Magnus
"Synthesis of Ditynene Antitumor Agents and α -Helical Peptide Mimics"
- 10:45 am Professor Peter G. Schultz
"Catalytic Antibodies"
- 7:30 pm Adams Awardee - Professor George A. Olah
"From Structural-Mechanistic Studies to Synthetic Reactions in Hypercarbon Chemistry"
- 8:45 pm Posters

Wednesday, 21 June

- 8:15 am Professor Scott E. Denmark
"Studies on the Origin of Stereocontrol in Additions to Aldehydes and Acetals"
- 10:00 am Professor W. Clark Still
"Synthesis of Novel Host Molecules"
- 11:15 am Professor Robert G. Bergman
"Transformations of Organic Compounds Mediated by Organotransition Metal Complexes"

Thursday, 22 June

- 9:00 am Professor Clayton H. Heathcock
"*Daphniphyllum* Alkaloids: Biomimetic Chemical Synthesis or Chemomimetic Biosynthesis"
- 10:45 am Professor Roald Hoffmann
"Hypothetical Allotropes of Carbon"

31st National Organic Symposium

The 31st National Organic Symposium, held in Ithaca June 18 - 21, was a huge success: nine hundred registrants and their guests enjoyed the science and scenery of Cornell University, Ithaca College, and the Finger Lakes region.

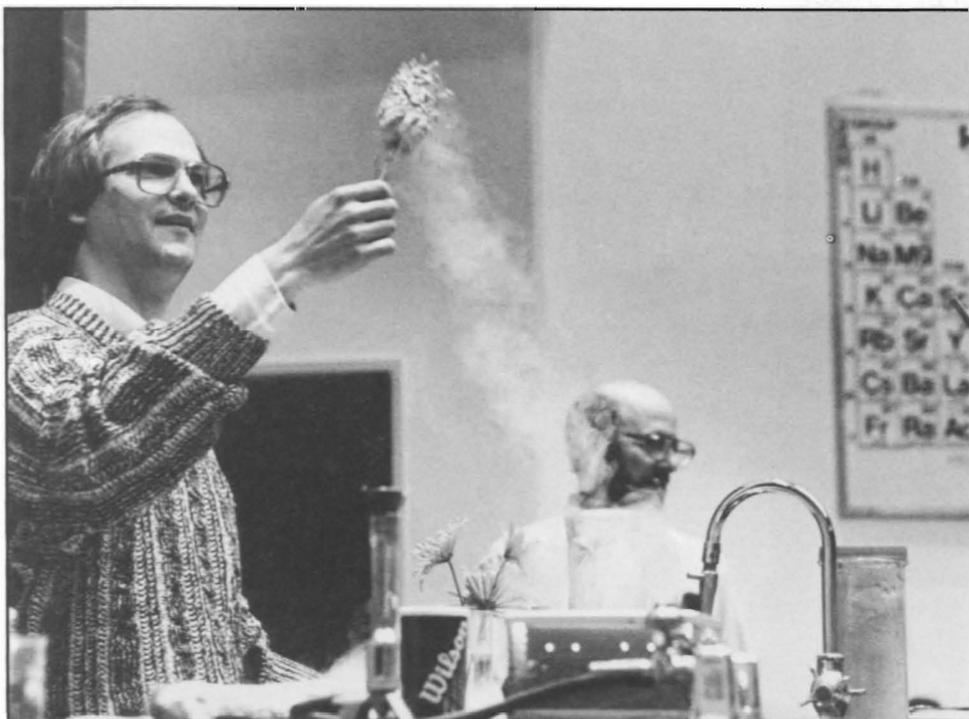
George A. Olah (left) being congratulated by Paul Gassmann (right)



Symposium Executive Director, Stephen F. Martin (far left), and speakers (left to right) Julius Rebek, Jr., Scott E. Denmark, Clayton H. Heathcock, George M. Whitesides, E.J. Corey, George A. Olah, Robert G. Bergman, W. Clark Still, Peter G. Schultz and Philip D. Magnus.

Dr. Demo

They arrived to thunderous applause, one of them wearing shades, which he put aside, with some ceremony, in favor of safety glasses. Then it was quiet. The trio, like something from Macbeth, gathered at the center of the bench, consulting. Apparatus stood ready on lab carts. Veterans of Chem 207 pointed and whispered to their neighbors as they recognized the props associated with some of the best-remembered moments of those lectures.



Professor Wolczanski (left) and John Terry amaze the crowd

That was the scene in Baker 200 as professors Jon Clardy and Pete Wolczanski, assisted by lecture-demonstrator John Terry, reprised student favorites during an evening of colors, noise and lots of smoke. "Dr. Demo," as the event was called, was organized by the Cornell Chemists, our undergraduate chemistry club, as a special finale to the year.

More than 500 people jammed the auditorium to watch magnets float, styrofoam change to slime, clear liquids take on color, and roman candles erupt in a brilliant array. At the end, they showed their appreciation to the three demonstrators with a standing ovation.