

The Chemical Record

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Columbus Section of the American Chemical Society, Inc.

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A Fulbright Year in Qatar

Wednesday, May 2, 2001

Come to our May mini-meeting and listen to Dr. Tom Weeks discuss his trip to Qatar where he was on the faculty of the chemistry department of Qatar University, while his wife was a volunteer college advisor at the U.S. Embassy. The talk will include slides, an overview of the culture (educational system, role of women, Islam, safety, etc.), and environmental issues. AND, come see a presentation of the

5:00pm Reception - coffee, soda, cookies.
5:30pm Presentation.

Directions: To get to Chemical Abstracts Service, take Rt 315 to the Lane Ave. exit. Go EAST to Olentangy River Rd. Turn LEFT (NORTH) and go past the Fawcett Center to Burnbrae St. (just before Ackerman/ Dodridge). Turn RIGHT and park in lot. Please enter building through the NORTH entrance and sign-in at the security desk.

A Message from the Chair...

April has again been a very busy and exciting month, with emphasis on science education issues. Our College Junior and Senior Awards Night at Denison University was well attended. Rosemary Marusak gave an outstanding presentation of her research work with undergraduates. This month also saw the High School Chemistry Olympiad and State Science Fair.

The month of May brings the Patterson-Crane Award, which this year will be hosted by the Dayton Section. Details of the meeting are summarized in this newsletter. Again a reminder that Tom Weeks will tell us about his Fulbright Year in the Middle East at a special meeting at Chemical Abstracts on May 2nd.

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Section News

A Message from the Chair...

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All of these events will bring to a close our program for the first part of the year. In the summer we have an opportunity to charge our batteries and prepare for a fresh start in the Fall. It is also a time when we must begin the process of maintaining and building on our growth and development.

A key aspect of this process is identifying new leaders and office-bearers. Some of you may be contacted to ask that you consider serving the Section by standing for office. Please give such a request your careful consideration. Only by continually bringing fresh faces and ideas to the Section can we truly meet the needs of our membership.

We hope to have a few summer events and will keep you informed of these.

My thanks to all who have worked to make the first part of this year such a success!!

Jimmy Cowan, Chair
(April 2001)

Younger Chemists Committee off to a Great Start!!

The Columbus Section YCC met for the first time on March 14th, 2001 for a company tour and Kick-Off meeting at Tosoh SMD in Grove City. There were eight in attendance, most of whom were ACS members or Student Affiliates who have not previously been active in the local section.

The second meeting was a Careers in Chemistry Panel Discussion held Monday, April 23rd 2001 at OSU, in conjunction with the Student



(On location with the YCC!)

Affiliates group. The panel consisted of Rachel Thurston (Battelle), Brian Hogg (Mettler Toledo), Jodie Harper (Sego International), T.V. Rajanbabu (OSU), Bonnie Wolfe (Hilliard Schools), Stephen Renner (Chemical Abstracts), George Greene (Ross Products), and Satish Nigam (ISP Fine Chemicals). Each panelist gave a brief job description and work history, followed by an open question and answer session from the audience. There were 30 in attendance at this meeting.

Anne Hawking
YCC Chairperson

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Section News

Highlights from Council Meeting at the ACS National Meeting

All three Section Councilors attended the ACS National Meeting in San Diego, CA, April 4, 2001: Jodie Harper, Theresa Huston, Jerry Timmons.

Council selected William Carroll, Jr. and Elsa Reichmanis as candidates for President-Elect of the ACS. The election will take place this fall. Council elected Donald Clarke to fill a vacancy on the Committee on Nominations & Elections. It was announced that Carol Duane and Helen Free were selected by the Councilors of District II to be candidates for District II Director (the Columbus Section is in District II). All members will vote to select the Director in October 2001.

President Attila Pavlath reported that approximately 50,000 members who have given the Society their email address will receive a poll from him. He encourages everyone to respond.

It was reported that the Society's website, www.chemistry.org, is undergoing a transition. At the Chicago Meeting in August, it will be introduced as a portal for all of your chemical information. Also reported is that the Society will publish a new journal, Journal of Protein Research, in 2002, as well as the decision that pre-prints will not be considered for publication, with the exception of ACS meeting Division pre-prints.

The new data center at Chemical Abstracts Service has been completed. It can hold 48 terabytes of data. Fully 85% of CAS' revenue derive from electronic sources. New prices for SciFinder Scholar will make it more affordable for smaller chemistry programs.

Council passed an amendment to the Bylaws to increase the size of each Standing Committee from a minimum of 6 members to a minimum of 12 members and from a maximum of 15 members to a maximum of 20

members. This bylaw change was initiated because many Councilors who wish to serve on Committees have not been able to because of the lack of available positions

Council approved an increase in dues for 2002 to \$112.00 for full members. This amount is derived from the formula established which ties the dues escalator to the Consumer Price Index.

Total membership at the end of 2001 was 163,016, exceeding the goal set by the ACS 2000 Membership Campaign. The retention rate also met goal at almost 94%.

Attendance at the San Diego meeting was estimated to be 17,824, making it one of the best-attended meetings.

A task force has been established to review the allocation of money from the Society to Sections and Divisions. As a stop gap measure, the Board approved additional funding for Sections and Divisions. A task force will recommend how to distribute this additional funding.

Council approved the 3rd Edition of the ACS Academic Professional Guidelines.

The theme of the 2002 National Chemistry Week is Chemistry of Art.

Please feel free to contact your Councilors for additional information.

* * * * *

Thanks to Section for Input. I would like to thank those of you who responded to a recent email asking your opinion on some different dues paying options being considered by the Committee on Membership Affairs. Your input has been noted. I will keep you informed of the Committee's decisions.

Jodie Harper, Councilor
Membership Affairs Committee

Section News

Jobs Available

ACADEMIC PROGRAM SPECIALIST

(COURSE COORD-GENERAL CHEMISTRY), CHEMISTRY, U-17798-042301; bachelor's degree in chemistry; administrative management experience and knowledge of university policies and procedures; training in computer programming desired; coordinates administrative support for general chemistry courses, including record keeping and distribution of instructional materials; manages quarterly offerings and/or enrollments; maintains class and grade rosters, and grade records; manages and coordinates activities of up to 150 graduate teaching associates and student

instructional assistants; distributes instructional materials, including quizzes and exams to staff and students; coordinates scheduling, preparation, administration, and grading of exams. Starts: June 1, 2001. Salary range: \$32,000-36,000. For more information, please see: <http://lrc-srvr.mps.ohio-state.edu/under/coursecoord.html>

CHEMICAL HYGIENE OFFICER

Part-time

Otterbein College has reopened its search for a half-time CHO who will be responsible for establishing and enforcing all chemical safety standards in compliance with standards set forth by the

college, as well as federal and state regulatory agencies. A bachelors degree is required, a masters degree is preferred. Recent directly related experience is highly desirable. Certification as a CHO is a plus. Salary is commensurate with experience and some pro-rated benefits are available. To apply send a cover letter, resume, salary requirements, and the names and telephone numbers of 3 professional references by May 4, 2001, to:

Office of Human Resources,
Otterbein College
Westerville, OH 43081.

Review of applications will begin May 7, 2001 and continue until the position is filled. To learn more about the position and benefits, visit www.otterbein.edu/humanres Otterbein College is an equal opportunity/affirmative action employer and educator.

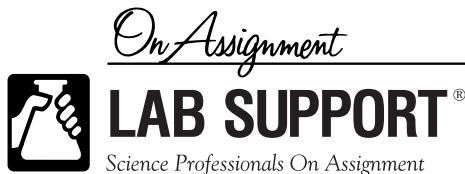
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EOE

2001 Patterson-Crane Award
Tuesday, May 8th, 2001

Virginia Kettering Dining Room
University of Dayton
Dayton, Ohio

5:30 pm: Reception.

6:30 pm: Dinner - Choice of Honey herb chicken or vegetarian strudle, 2 side dishes, salad.

7:30 pm: Patterson-Crane Award Presentation and Lecture:

“Nomenclature on the Web”

Dr. Gerry P. Moss
Queen Mary and Westfield College
London, E1 4NS, UK

Cost: \$20; \$14 for unemployed/emeritus members, \$5 for students. Register online at our web site. (Payment in advance must be received by May 2nd.)

Reservations: Please phone Marcella Gibbs, mgibbs@cas.org, 447-3600-x2721 by 3:00 pm Tuesday, May 1st. Please indicate retired/unemployed/spouse/student status and affiliation when making reservations. To cancel a reservation, please call Marcella by 11:00 am, Wednesday, May 2. No cancellations can be accepted after that time. Uncancelled reservations must be paid. Members having more than two unpaid reservations will be required to cover meal costs in advance. Early reservations are appreciated.

Executive Meeting for the Columbus Section at 4pm on Wednesday, May 9th at CAS. Any section member is welcome to attend the meeting.

Directions: From Columbus, take 70W to 675S (Dayton). Take 35W to Rt 48 (Main Street), exit on Main Street, and go south to Stewart Street. Turn LEFT on Stewart Street and go to Brown Street. Turn RIGHT on Brown Street, and go 7 blocks to Irving Avenue. Turn LEFT on Irving Avenue and go to the 3rd block on the left to Evanston Avenue. Turn LEFT on Evanston Avenue. Go to Stadium Drive, turn RIGHT to the top of the hill. Drive through parking lot G and park in lot S1.

Please refer to the campus map at <http://www.udayton.edu/campusmap/map.html>. The meeting is in the Virginia W. Kettering Residence Hall, which is #43 on the map.

About the Topic

Traditionally IUPAC chemical nomenclature has been developed by a group of experts and eventually published in Pure and Applied Chemistry. The advent of the web opens up a new approach to publicising recommendations with the ability to reach a far wider audience.

Almost all IUPAC organic chemical and biochemical nomenclature recommendations¹ and IUBMB nomenclature recommendations² are available from the web in a pair of interlinked web sites. Bibliographic data is available not only on the various nomenclature publications of IUPAC and IUBMB in English but also of all translations identified. Within the limitations of html the web presentation of documents is as close as possible to the published form but with the added advantage that all corrections have been applied. A list of errors is provided for those who wish to correct their paper copy. The search facility enables rapid location of relevant documents.

Currently users from 151 countries have been recorded. This has enabled a much wider dissemination of the recommendations than conventional printed versions.

The presentation will consider this nomenclature database and other web based nomenclature of possible interest to chemists. It will describe how the site was created and some future developments. Some conclusions are drawn from the detailed statistics maintained on the use of individual documents. Also of significance is the range of users implied from correspondence.

1. <http://www.chem.qmw.ac.uk/iupac/>

2. <http://www.chem.qmw.ac.uk/iubmb>

About the Speaker

Gerry Moss is a retired senior lecturer in organic chemistry at Queen Mary and Westfield College, University of London (UK). His research interests center on natural product synthesis and structure determination and have been mainly concerned with polyenes such as carotenoids and vitamin A analogues, but his research has also strayed into related areas such as the conducting polymers formed from polymerisation of conjugated diacetylenes. He has been involved on the publication of two dictionaries of natural products.

He received his first degree from Imperial College, London (1959), and his Ph.D. from Cambridge University (1962). Apart from a year at Columbia, NY and three back at Imperial College, he has spent his career at QMW.

He has been actively involved during the last quarter century with most of the international chemical nomenclature documents published by the Commission on Nomenclature of Organic Chemistry, the Joint Commission on Biochemical Nomenclature, and the Nomenclature Committee of the International Union of Biochemistry and Molecular Biology. His work in disseminating this information through the World Wide Web is particularly impressive. The official nomenclature Web site (<http://www.chem.qmw.ac.uk/iupac/>), developed and maintained by Dr. Moss, now includes almost all of the organic and biochemical documents and attracted over a third of a million users during the past year.

Other significant accomplishments include his revision and systematization of Austin Patter-son's fused and bridged fused ring nomenclature, his service on numerous nomenclature commissions, and the published nomenclature recommendations with which he has been involved.

Outside chemistry, he is much involved in the archaeology, local history and industrial archaeology of Surrey (the county south west of London stretching from the Thames to half way to the coast).

The Chemical Record

Email news, announcements, letters, opinions, etc. to srenner@cas.org.

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Calendar

May: 2nd; "A Fulbright Year in Qatar", Dr. Tom Weeks.

8th; Patterson-Crane Award.
Dayton, Ohio

9th; Executive Meeting, 4pm,
Battelle Rooms, Chemical
Abstracts Service. Any section
member is welcome to attend the
meeting.

September:

12th; "Decoding the Stradivariou
The Materials, the Sound, and the
Mystique", Dr. Joseph Nagyvary.

October: 4th; ACS President-Elect to visit.

November:

4-10th; National Chemistry Week.

14th; "Applications of
Biopolymers", Dr James N.
BeMiller.

December:

TBA, Combined meeting with
the AIChE; "A Labor of Love - the
art and technology of making
chocolate", Dr. Robert Mazurek.



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