

ISCE NEWSLETTER

Vol. 1, No. 1 Fall 1984

International Society of Chemical Ecology

From the Editor

Following the Gordon Conference on Plant-Insect Interactions held in Santa Barbara in January, 1983, Dr. Gerald Rosenthal approached me and many other Gordon participants concerning the creation and establishment of an International Society. We spoke of a Society that would best serve the needs of those individuals interested in ecological and physiological interactions mediated by natural chemicals. Thanks largely to Gerald's herculean efforts, the International Society of Chemical Ecology (ISCE) became a reality with the first annual meeting recently held in Austin, Texas.

In order to encourage greater cooperation and interaction among members from throughout the world, the ISCE Newsletter was established in June, 1984. The Newsletter is supported by membership dues and is scheduled to be published biannually. All efforts will be made to produce a Newsletter that is both informative and beneficial to ISCE members.

The success of the Newsletter will be dependent largely upon the input provided by members. It is anticipated that correspondence will be received from all over the world. It is essential to maintain the international aspect of the Society and the Newsletter. Although the first issue of the ISCE Newsletter focuses on the establishment of the Society, the annual meeting, and business report, members can be assured that the ensuing issues will reflect the interests of the active members. Lastly, as editor of the Newsletter, I want to sincerely thank all members who have contributed articles to the Newsletter and to those members who have expended considerable energy, time, and personal funds towards establishing an excellent Society that will benefit those interested in Chemical Ecology.

Eloy Rodriguez

President's Message

It is indeed exciting to share with you all that has transpired since the decision was made at the Gordon Conference to launch our new International Society of Chemical Ecology. In July 1983, the Executive Committee, Jean Langenheim, Michael Martin, Gerald Rosenthal, Milton Silverstein, John Simeone, and myself, gathered at Gerald's home in Lexington, Kentucky. Here, punctuating business with the pleasures of delicious fare in the gracious Lexington setting, we defined the Society's functions, acclaimed the intimate relationship of the *Journal of Chemical Ecology* to the International Society of Chemical Ecology, began developing our constitution, initiated the groundwork for the successful procurement of a tax exempt IRS status, and more importantly, laid plans for the first annual meeting.

The program for our first meeting in Austin, Texas, was well-organized by Larry Gilbert. The amenities were not only competently and comfortably arranged, but the entire meeting received strong financial support from the University of Texas. Morning symposia included first rate lectures on topics such as CHEMICALS IN COMMUNICATION, by Dietland Muller-Schwarze, Jeffrey Aldrich, Jack Schultz and Gunnar Bergstrom; CHEMICALS IN OFFENSIVE, DEFENSIVE AND COMPETITIVE INTERACTIONS, by Murray Blum, Gordon Burghardt, Kathleen Keating and Charles Wahle; CHEMISTRY AND PATTERNS, by Jean Langenheim, Norman Negus, Michael Martin and Eloy Rodriguez; and EVOLUTIONARY BIOLOGY OF CHEMICAL INTERACTIONS, by Konrad Dettner, Kevin Spencer, Keith Brown and Fred Gould. Afternoons were devoted to concurrent sessions of outstanding contributed papers and poster sessions. The graduate student presentations were especially impressive. This is indicative of a strong future for Chemical Ecology. On Tuesday night we were feted with a gala Texas barbecue followed by a delightful and memorable speech, "Adopt, Adapt, Improve," by our witty banquet speaker,

David Jones. The First Annual ISCE Meeting was electrifying for the 130 participants. Perhaps most significant was the Society's desire to establish a sense of cooperative understanding and interdisciplinary communication among its members.

I urge each of you to encourage your colleagues who have an interest in Chemical Ecology not only to join ISCE, but also to submit your best articles for publication in the *Journal of Chemical Ecology*. Our Society is off to a great start and we can all look forward to great national and international meetings in the future.

Lincoln Brower

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REPORTS ON THE FIRST ANNUAL ISCE MEETING

The University of Texas at Austin hosted the First Annual Meeting of the International Society of Chemical Ecology during June 9-13, 1984. Over 100 participants enjoyed the excellent facilities of the Jester Center in this historic gathering. The meeting consisted of a number of invited lecturers presenting theme papers during morning hours, followed by afternoon contributed paper and poster sessions. In addition, several field trips were conducted that exposed the participants to some of the exciting research in Chemical Ecology being conducted at the University of Texas.

The lectures and contributed papers were all of excellent quality. The most stimulating feature of the meeting was the diversity of the subjects covered. Exposure to various Chemical Ecology problems, which range from marine organisms and insects to vertebrates, provided new insights and broadened the experiences of everyone with whom I talked. In addition to the formal programs, participants had the opportunity to attend workshops and discussion groups covering such topics as new chemical methodology and the chemical diversity of the organisms under study.

The only disappointing part of the program was the fact that there were three simultaneous contributed paper sessions due to the large number of participants. This was unfortunate for those of us interested in being exposed to the diversity represented by the talks.

The conference was a great success and I look forward to the second meeting. I also wish to extend my thanks on behalf of the Society to Dr. Gerald A. Rosenthal for spearheading the development of the Society and especially to Dr. Larry Gilbert and his group at Austin for organizing this exceptional first annual meeting. Dr. Gilbert has set an excellent foundation for future meetings of the International Society of Chemical Ecology.

S.B. Vinson

A Student's Perspective

I think all those attending the First Annual Meeting in Austin felt it was a truly exceptional conference. It was superbly organized and covered a tremendous variety of topics in Chemical Ecology. So often, Chemical Ecologists find themselves at the fringes of conferences; however, being among a large group of scientists well-informed in my field seemed like a real homecoming. The meeting was a unique experience for me. Everyone was friendly, and the faculty made special efforts to create a nurturing environment. The Executive Committee of ISCE has done much to ensure that student members are considered as equals. I came away from this meeting with relevant information, good advice, and new friends.

We are now forming a Student Affairs Committee (S.A.C.) with the support of the Executive Committee. The S.A.C. will provide programs and services designed to enhance student/faculty relationships and provide information needed for career skills and decisions. At present, we are considering the following:

- A) Job Placement Service
- B) Student Meetings, Symposia, Workshops and Student/Faculty Breakfasts at the annual meetings
- C) Periodic Polls and Election of Student Representatives
- D) Announcements of upcoming Grant Deadlines in the ISCE Newsletter
- E) A Techniques/Career Pamphlet Library
- F) Student Travel Grants and a Student Research Fund.

If you would like a more active role in planning and executing these programs, we invite your membership in the Student Affairs Committee.

You will be receiving a S.A.C. questionnaire sometime this Fall. Until then, PLEASE send any opinions or suggestions to:

Peter Canney, Chairperson S.A.C.
Section of Neurobiology & Behavior
Department of Psychology
Uris Hall
Cornell University
Ithaca, New York 14853

Peter Canney

Second Annual International Society of Chemical Ecology Meeting

The Second Annual Meeting of the International Society of Chemical Ecology will be held at the University of Wisconsin, Madison, WI, from June 8-12, 1985. The University offers a stimulating environment for a scientific meeting and the natural beauty of Lake Mendota. During the ISCE meeting, plan to combine science with personal relaxation. Arrangements are being made to provide the best in accommodations and food services at modest prices.

Registration forms for contributed papers and poster sessions, as well as details on topics, invited speakers, lodging, and transportation, will be provided in the March 1985 issue of the ISCE Newsletter.

Members requesting information about the June ISCE Meeting should contact Dr. Dale Norris, 237 Russell Laboratories, 1630 Linden Drive, University of Wisconsin, Madison, WI 53706. Members are also encouraged to write to the Editor and suggest possible topics to be covered at the upcoming Meeting.

Dale M. Norris

BUSINESS REPORT

The business meeting was called to order at 2:05 p.m. on June 10, 1984, as part of the First Annual Meeting of the International Society of Chemical Ecology, Inc. John Simeone provided an amusing and informative historical account of the *Journal of Chemical Ecology*. I reviewed the status of our 1983-84 recruitment efforts that resulted in the enrollment of about 600 members as of August 1, 1984; nearly 40% of our members are from 38 countries other than the United States. The Executive Committee approved the production of a Membership Directory for distribution in 1985 after collection of the 1984-85 dues. The 1983-84 budget was approved (a copy is available to any member upon request). We ended the first year with a surplus of about \$2,000 from an income of around \$8,000.

The membership dues were set at \$20 for non-student members, \$10 for student members, and \$200 for life members. Five dollars of the \$20 dues for non-student members were allocated specifically to aid graduate student travel to our annual meeting and to support a fund to aid their field work in Chemical Ecology.

Jean Langenheim presented the by-laws for approval. The version approved by the Executive Committee has been submitted to IRS. Thanks to the efforts of Eloy Rodriguez, we received final approval of our petition for tax exemption from IRS. As of September 12, 1983, the date of our incorporation by the Commonwealth of Kentucky, all dues and gifts to the ISCE, Inc. are retroactively tax deductible. A copy of the official by-laws will be included in the Membership Directory.

Lincoln Brower led a stimulating discussion on the roles and functions of the Society. Finally, John Simeone presented the slate of officers for 1984-85. The Constitution was amended to increase the number of Council Members from 8 to 15. The additional 7 Council Members, including 1 Graduate Student, will be announced shortly.

FIRST ELECTION OF THE INTERNATIONAL SOCIETY OF CHEMICAL ECOLOGY, INC.

Austin, Texas, June 10, 1984
Slate Presented by Nomination
Committee

President: Lincoln Brower
Vice-
President: Gunnar Bergstrom
Secretary: Eloy Rodriguez
Treasurer: Gerald Rosenthal
Editorial
Board Member: Robert M. Silverstein

Approved by vote at the meeting.

Council: Yoko Naya
Jean Langenheim
Michael Martin
David Jones
Larry Gilbert
Delbert Thiessen
Thomas Mabry
John Simeone

Presented by Nomination Committee. All have agreed to serve.

Gerald A. Rosenthal

Funding Sources

Members will be encouraged to inform the Society of possible funding sources in the area of Chemical Ecology.



Literature Relevant to ISCE

We will be publishing a list of recent books, journals, newspaper and magazine articles, and films submitted by members that are relevant to the Society.



Upcoming Symposia and Conferences

We encourage individuals to submit dates and titles of upcoming symposia and conferences that are of interest to ISCE members.



Research Articles

Articles will be solicited by the Editor from regular and student members covering a wide variety of topics related to Chemical Ecology.



Job Placement

Members are requested to submit information concerning future employment opportunities.



Profile on Members

Two members will be profiled for their contributions to ISCE in each issue of subsequent Newsletters.



ISCE Graduate Awards

Students selected for ISCE travel and field research awards will be announced in the upcoming Newsletter issues.

Newsletter Items

In order for the ISCE Newsletter to be a valuable article to the members, we will be soliciting information from all our members for the following items to be included as regular Newsletter features. It is anticipated that the subsequent issues will have a standard format. Input from the members is essential if the Newsletter is to be informative and useful. We hope that members throughout the world will fully participate in the production of the ISCE Newsletter.

International Readers' Exchange: News and Comments

We hope to engage members in a dialogue of ideas and information. Individuals are encouraged to send their comments (or gripes) and ideas to the Editor of ISCE.

Recruitment Drive

Please note that enclosed with your notice of membership dues is an announcement of the establishment of ISCE, Inc. and an addressed envelope. Please take the time to pass these materials to one colleague or student whom you believe might be interested in joining ISCE. This request for each member of ISCE to pass on these materials represents the principal recruitment effort for 1984-85. Our success in increasing the membership, thereby creating a much sounder foundation upon which to operate and improve the potential for worthwhile professional activities, rests entirely with this venture. Please help in this important activity. In addition, if you know of other individuals who might be interested in obtaining more information on ISCE, kindly include their names when you return your 1984 dues.

ISCE is also appealing to students. The more student members ISCE has, the stronger the Society's student program will be. Student membership is only ten dollars, which is a great return for the investment.

Building ISCE Membership

Why is the International Society of Chemical Ecology (ISCE) Membership so important to you? ISCE has sought to identify individuals from a diversity of fields which constitute Chemical Ecology and to bring them together for significant professional and personal interactions. Consequently, ISCE offers unique opportunities for the exchange of materials, updated information, relevant research developments, employment announcements, and sources of funding, all at an international level. Presently, our membership stands at 575 with a large international representation comprising of 39 countries. ISCE needs your support and professional contributions.

After ISCE active membership is established, a formal membership directory will be published early in 1985. To become a growing part of ISCE, please fill in the form using BOLD LETTERS that can be easily read.

INTERNATIONAL SOCIETY OF CHEMICAL ECOLOGY, INC.

101 T.H. Morgan Building
University of Kentucky
Lexington, KY 40506-0225

Membership dues for 1984-85 have been set at \$20 for regular members, \$10 for student members, and \$200 for life members. Please send your check or money order (no cash, please) in US\$ to the address above and made to the order of: **International Society of Chemical Ecology, Inc.**

Name (BOLD LETTERS): _____

Institution/Company: _____

Mailing Address: _____

_____ Zip Code: _____

Telephone: _____

I enclose (circle one):

\$20 for regular membership

\$10 for student membership

\$200 for life membership*

* ISCE has established a LIFE MEMBERSHIP program and set the assessment at \$200. These funds will be invested in a high interest-bearing savings account and the income generated will be allocated to support graduate student field work and other scholastic activities in Chemical Ecology. ISCE LIFE MEMBERSHIP is an extremely worthwhile venture that will establish a perpetual fund to support the meaningful professional activities of young investigators. If you have any questions about the program, please call Dr. Gerald A. Rosenthal at (606) 257-2652.

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