

Gordon Research Conferences: Winter Program, 1973

Alexander M. Cruickshank

The Winter Gordon Research Conferences will be held 8–26 January, 1973 in Santa Barbara, California, at the Miramar Hotel.

Purpose. The Conferences were established to stimulate research in universities, research foundations, and industrial laboratories. This purpose is achieved by an informal type of meeting consisting of scheduled speakers and discussion groups. Sufficient time is available to stimulate informal discussion among the members of each conference. This type of meeting is a valuable means of disseminating information and ideas to an extent that could not be achieved through the usual channels of publication and presentation at scientific meetings. In addition, scientists in related fields become acquainted and valuable associations are formed that often result in collaboration and cooperative efforts among laboratories.

Meetings are held in the morning and in the evening, Monday through Friday, with the exception of Friday evening. The afternoons are available for recreation, reading, or participation in discussion groups, as the individual desires.

It is hoped that each conference will extend the frontiers of science by fostering a free and informal exchange of ideas among persons actively interested in the subject under discussion. The purpose of the program is to bring experts up to date on the latest developments, to analyze the significance of these developments, and to provoke suggestions concerning the underlying theories and profitable methods of approach for scientific research. The review of known information is not desired.

In order to protect individual rights

and promote discussion it is an established requirement of each conference that no information presented is to be used without specific authorization of the individual making the contribution, whether in formal presentation or in discussion. Scientific publications are not prepared as emanating from the Conferences.

Registration and reservations. Attendance at the Conferences is by application.

Applications must be submitted in duplicate on the standard application form which may be obtained from the office of the director. This procedure is important because certain specific information is required in order that a fair and equitable decision on the application may be made. Attendance at each conference is limited to approximately 100 conferees.

The director will submit the applications of those requesting permission to attend a conference to the committee for that conference. This committee will review the applications and select the members in an effort to distribute the attendance as widely as possible among the various institutions and laboratories represented by the applications. A registration card will be mailed to those selected. Advance registration by mail for each conference is required and is completed on receipt of the card and the deposit of \$30. This deposit is not required from foreign scientists. Checks are to be made payable to the Gordon Research Conferences. The deposit will be credited against the fixed fee for the conference. A registration card not accompanied by the deposit will not be accepted.

The board of trustees of the Conferences has established a fixed fee of \$150 for conferees covering registration, double room with bath, City of Santa Barbara room tax, meals, and services for five conference days. It

will not include golf, telephone, taxi, laundry, conference photograph, or any other personal expenses. The fixed fee was established to encourage attendance for the entire conference and to provide the special fund that is available to each conference chairman for the purpose of assisting conferees who attend a conference at total or partial expense with their travel or subsistence expenses or with both.

It is to the advantage of all participants to attend a conference for the entire week. The fixed fee will be charged regardless of the time a conferee attends the conference—that is, for the periods of from 1 to 4½ days. It is divided as follows: registration fee \$50, room and meals \$100 including services, for five conference days. An additional charge will be made for a single room if no double rooms or roommates are available. These rooms will be assigned in the order that applications are received. An additional charge will be made for rooms occupied more than five conference nights (Sunday through Thursday).

Guests. Accommodations are available for guests. (Children must be at least 12 years of age.) All guest requests should be made at the time the attendance application is submitted. The charge for room and meals for a guest is \$100 for five conference days. A deposit of \$30 is required for each guest reservation. This deposit will be refunded if cancellation is received 2 weeks prior to the conference.

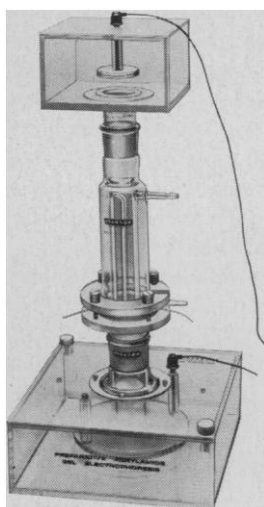
Special Fund. A special fund is provided from the registration fee and is made available to the chairman of each conference for the purpose of increasing the participation of research scientists who could not otherwise attend. Its use is not limited to speakers and discussion leaders, but may be granted to any registered conferee by the chairman. The money is to be used as an assistance fund only to contribute toward conferees' travel expenses, registration fee, and/or subsistence expenses at the conference location. Total travel and subsistence expenses usually will not be provided.

Cancellation. The conferee deposit is forfeited if an approved application is cancelled. This deposit is not transferable to another conference or conferee.

Membership. Requests for membership in the Conferences or for additional information should be addressed to: Dr. Alexander M. Cruickshank, Di-

The author, director of the Gordon Research Conferences, is professor of chemistry at the University of Rhode Island, Kingston 02881.

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rector, Gordon Research Conferences, Pastore Chemical Laboratory, University of Rhode Island, Kingston, Rhode Island 02881. Telephone: 401-783-4011.

The program for the Conferences is as follows:

Electrochemistry

James D. E. McIntyre, chairman; Stanley Bruckenstein, vice chairman.

8 January. Solid-state electrochemistry (D. O. Raleigh, discussion leader); James C. Phillips, "Structural principles for new ternary solid electrolytes"; Boone B. Owens, "Thermodynamic properties of AgI-based solid electrolytes"; Walter L. Roth, "Structure and ionic transport in super ionic conductors."

9 January. Bioelectrochemistry (F. W. Cope, discussion leader): Gilbert N. Ling, "Molecular mechanism of the electrical potential of living cells"; Arthur A. Pilla, "Electrochemical phenomena in growth processes"; Ralph N. Adams, "Applications of electrochemical techniques in the neurosciences"; Philip N. Sawyer, "Electrochemical aspects of thrombogenesis—bioelectricity old and new."

10 January. Surface chemistry and physics of metals (B. E. Conway, discussion leader): Robert Gomer, "Energy distributions in field emission"; Michael J. Dignam, "Infrared spectroscopy of adsorbed species"; Gabor Somorjai, "LEED and Auger electron spectroscopy studies of reactions on platinum surfaces"; Arthur T. Hubbard, "Study of oriented single crystal electrodes by thin-layer electro-chemistry and LEED."

11 January. Electrochemical adsorption and catalysis (E. B. Yeager, discussion leader): Roger Parsons, "Catalysis by electrodes"; M. W. Breiter, "Adsorption of organic compounds at noble metal electrodes"; V. S. Bagotzky, "Electrocatalysis"; N. A. Shumilova, "Oxygen electrode reactions."

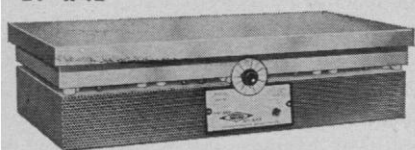
12 January. Electrode kinetics (A. J. Bard, discussion leader): Donald E. Smith, "The multiplex modes of A. C. polarography"; Barry Miller, "Hydrodynamic modulation at rotating ring-disk electrodes."

Polymers

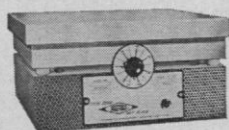
John I. Lauritzen, Jr., chairman; Roger S. Porter, vice chairman.

15 January. (J. F. Johnson, session

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chairman): G. Wegner, "Solid state polymerization"; D. Reneker, "Formation of crystalline polymer inside monomer crystals; solid state polymerization of trioxane and related compounds." (W. T. Barry, session chairman): J. Lando, "Solid state polymerization of monolayers and multilayers."

16 January. (H. D. Keith, session chairman): A. Keller, "Polymer crystallization"; F. Khoury, "On the morphology of 6-6 nylon crystallized from solution." (R. K. Eby, session chairman): J. D. Hoffman, "Some new developments in the theory of polymer crystallization and their application."

17 January. (F. Bailey, session chairman): F. McGarry, "Toughened thermoset resins"; H. Keskkula, "Rubber toughening of polystyrene." (W. R. McDonald, session chairman): F. Winslow, "Weathering of polyethylene."

18 January. (J. Knox, session chairman): J. C. W. Chien, "Morphology and properties of collagenous materials"; R. K. Eby, "Observations of the glass transition in polyethylene." (J. I. Lauritzen, Jr., session chairman): Open session.

19 January. (R. Porter, session chairman): A. Peterlin, "Fracture of polymers with fiber structure"; N. Tschoegl, "Dynamic mechanical properties of block copolymer blends; a study of the effects of terminal chains in elastomeric materials."

Biochemistry of Aging

Denham Harman, chairman.

22 January. Opening remarks: Steven M. Horvath. (F. Marott Sinex, chairman); Nucleus: G. Roger Chalkley, "Nuclear changes with age"; Robert Painter, "DNA repair mechanisms and age." (D. Rao Sanadi, chairman); Mitochondria: David R. Wolstenholme, "Mitochondrial biogenesis."

23 January. Mitochondria: Bertram Sacktor, "Effect of age on oxidative-phosphorylation and mitochondrial enzymes activities." (Bernard L. Strehler, chairman); Endoplasmic reticulum: Albert A. Barber and Lynn Grinna, "Changes in structure, composition, and function with age." Lysosomes: Gerald Weisman, "Lysosomes and aging."

24 January. (Charles H. Barrows, Jr., chairman); Hormones: Richard Adelman, "Hormonal changes with age"; Connective tissues: Carl Franzblou, "Changes in collagen, elastin, and mucopolysaccharides with age." (Roy Walford, chairman); Immune system:

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T. Makinodan, "Cellular aspects of age-associated impairment of the immune system."

25 January. (Leonard Hayflick, chairman); Protein synthesis: Robert Schimke, "Effect of age on protein synthesis." Lipids: James Mead, "Lipids and aging." Linus Pauling.

26 January. (William F. Forbes, chairman); Trace elements: Klaus Schwarz, "Trace elements"; D. J. Eattough and R. M. Izatt, "Trace elements: effect of age on function and tissue concentration." (Ralph Goldman, chairman); Practical considerations: Le Roy E. Duncan, "How can we best apply current aging knowledge to the problem of increasing the healthy life span of man?"

Forthcoming Events

December

10-13. Association of **Military Surgeons** of the United States, Washington, D.C. (W. Welham, AMSUS, 8505 Connecticut Ave., Chevy Chase, Md. 20015)

11-14. **Health Physics Soc.**, 7th mid-year topical symp., San Juan, Puerto Rico. (P. Paraskevoudakis, Puerto Rico Nuclear Center, College St., Mayaguez 00708)

11-15. American Soc. of **Agricultural Engineers**, Chicago, Ill. (J. L. Butt, ASAE, P.O. Box 229, St. Joseph, Mo. 49085)

11-15. **Neutron Monitoring for Radiation Protection Purposes**, Intern. Atomic Energy Agency, Vienna, Austria. (J. H. Kane, Information Services, Atomic Energy Commission, Washington, D.C. 20545)

11-15. **Uncertainties in Hydrologic and Water Resources System**, sponsored by Intern. Assoc. of Hydrologic Sciences, American Geophysical Union, U.S. Geological Survey (Water Resources Div.), Tucson, Ariz. (C. C. Kisiel, Dept. of Hydrology and Water Resources, Univ. of Arizona, Tucson 86721)

14-15. **Derivatization in Chromatography**, Gainesville, Fla. (R. F. Severson, Florida Chromatography Discussion Group, Route 4, Box 25-E, Lake City 32055)

14-16. Symposium on **Computer and Information Science**, 4th intern., Miami Beach, Fla. (COINS-72, Center for Informatics Research, 339 Larsen Hall, Univ. of Florida, Gainesville 32601)

14-19. American Acad. of **Optometry**, New York, N.Y. (C. C. Koch, AAO, 214-215 Foshay Tower, Minneapolis, Minn. 55402)

15-16. **Cerebral Function Symp.**, 4th annual, San Juan, Puerto Rico. (L. Smith, Cortical Function Lab., Porter Memorial Hospital, 2525 S. Downing St., Denver, Colo. 80210)

17-21. **Gerontological Soc.**, San Juan, Puerto Rico. (E. Kaskowitz, GS, Suite 520, 1 Dupont Circle, Washington, D.C. 20036)

18-20. **Research into Tertiary Science**, Society for Research into Higher Edu-