

TEXAS SOCIETY OF ELECTRON MICROSCOPY

NEWSLETTER

NO. 3

4 OCTOBER 1967

President's Notes

As one can see elsewhere in the Newsletter the meetings for this year are taking form. An attempt to bring in a well known guest lecturer or lecturers for each of the meetings is being made. We are very grateful to the various corporate members for their very willing assistance in this endeavor.

The TSEM membership itself is loaded with talent and we could most certainly select main speakers from its own ranks and thereby have an adequate supply of "feature attractions" for all of our meetings. I feel it is preferable, however, if we can bring to each of the meetings some outside talent. These people can give us new and different ideas in our own areas of research; help to keep us current in their specialized areas; and, stimulate intra-society communication among the membership. In addition to meeting others in the regional area who have similar interests, these are the very accomplishments most important to the Society. These guests will hopefully carry back to their individual scientific communities a favorable impression of our society and its membership.

To assist your executive board in the acquisition of such guest lecturers I would request that you inform us of any consultants or guests that might be coming to your laboratory on or about the dates of these meetings. The guests for the Winter, Spring and Fall meetings have not yet been selected so any suggestions you might give us would be helpful.

Dues!!! The treasurer has informed me that over one hundred members have not paid their dues for this year. I am sure this is an oversight on the part of these members and I look forward to a much better report following the October meeting. This is your Society and with such a fine beginning let us not allow complacency to slow us down.

Your executive board constantly looks for suggestions to improve the service to the membership. Please forward any thoughts you may have. I am particularly interested in your response to the programs planned for the various meetings. I look forward to seeing you in Houston. I feel Drs. Cole and Brinkley have an excellent program planned.

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Houston Meeting

20-21 October 1967

Holiday Inn 4640 South Main

Local Arrangements Chairman, Bill Brinkley
Section of Experimental Cytology
The University of Texas M. D. Anderson
Hospital and Tumor Institute at Houston
JA 9-4311, extension 283
Home number PA 9-2481

Program Chairman, Arthur Cole
Chief, Section of Biophysics
The University of Texas M. D. Anderson Hospital
and Tumor Institute at Houston
JA 9-4311, extension 256
Home number OV 6-5242

Reservations

Holiday Inn 4640 South Main Phone 526-2811

Better do it now!

Motel is about equidistant from downtown Houston, Rice University,
Texas Medical Center and Astrodome.

Limousine service from airport to the Holiday Inn (South Main)

Brochure, map, and registration forms are enclosed.

Program (entire program at Holiday Inn, 4640 South Main)

Friday 20 October 1967

Registration 3:30 p.m. - Lobby

Cocktail Hour 6:00 - 7:00

Banquet 7:00 - 8:15

Guest Speaker 8:15 PM

Dr. A. C. van Dorsten
Research Adviser
Philips Research Laboratories
Eindhoven, Netherlands

Dr. van Dorsten is a leading authority in the field of electron optics and electron microscopy. He has been associated with the design of the Philips electron microscopes for a number of years and has worked in various research areas including image formation and resolution, low voltage and high voltage applications, anti-contamination and image intensification techniques.

Subject: Electron Microscopy of Macromolecules

Dr. van Dorsten is present at this meeting through the support of Philips Electronic Instruments

Saturday 21 October 1967 (Holiday Inn, 4640 South Main)

Registration 8:00 - 9:00 a.m.

Symposium on Membranes

Chairman: Arthur Cole
Chief, Biophysics Section
The University of Texas M. D. Anderson
Hospital and Tumor Institute at Houston

Guest Speaker 9:00 - 10:15

Dr. Fritiof S. Sjöstrand
Department of Zoology
University of California, Los Angeles

Dr. Sjöstrand in his distinguished career has contributed to many phases of anatomy and biology with particular interest in the ultrastructure of cells and cellular membranes as related to function, and to retinal structure and function. His name has been linked with that of the Karolinska Institute during much of his scientific activity. He has been active in the support of editorial and journal activities, particularly the *Journal of Ultrastructure Research*.

Subject: Membrane Structure and Function

10:15 - 10:30 Coffee

Invited Discussants 10:30 - 11:30

Dr. W. Gordon Whaley
Member Graduate Faculty
The University of Texas

Dr. Charles W. Philpott
Associate Professor of Biology
Rice University

Open Discussion 11:30 - 12:00

New Members

The following are new members or members with new addresses (new members designated by *).

*Carol Baker
1301 Townsend, Apt. 1
San Antonio, Texas 78209

*Ronald L. Johnson, M.D.
Dept. of Otolaryngology
Baylor University College of Medicine
Houston, Texas 77025

*Mrs. James M. Wallace
4906 Lahoma
Dallas, Texas 75235

*W. Gordon Whaley
Cell Research Institute
The University of Texas
Austin, Texas 78712

*James H. Roan
2901 Live Oak Drive
Apt. B-5
Mesquite, Texas

*Gordon W. Heath
Dept. of Histology
The Univ. of Texas Dental Branch
P. O. Box 20068
Houston, Texas 77025

Joel E. Young, Ph.D.
Department of Chemistry
Baylor University Medical Center
3500 Gaston Avenue
Dallas, Texas

*Mr. Paul Quinton
2130 Bartlett
Houston, Texas 77006

Norton G. McDuffie
P. O. Box 7414
U.T. Station
Austin, Texas 78712

*Annie Ramsey
106 Forrest Ave., Apt. A
Narberth, Penn. 19073

Edward Eddy
Department of Anatomy
Harvard Medical School
Boston, Mass 02115

*Douglas Harbell
2307 Perez
Pasadena, Texas 77502

*Dr. Roger B. Arhelger
222 Yosemite
San Antonio, Texas 78232

Gertrude M. Adams
Radiation Biology Lab
Texas A & M University
College Station, Texas

*Mrs. James M. Wallace
4906 Lahoma
Dallas, Texas 75235

*Rudall H. Dietter
P. O. Box 1144
Houston, Texas 77001

*Frank Seabury
Texas A & M University
Dept. of Biology
College Station, Texas 77847

*Penelope W. Coates
The University of Texas
Southwestern Medical School
Department of Anatomy
5323 Harry Hines
Dallas, Texas 75235

*Katsumi Hayashida
Perkin Elmer Corporation
3911 Stoney Brook Drive
Houston, Texas 77092

C. Ward Kischer
Dept. of Anatomy
The University of Texas
Medical Branch
Galveston, Texas 77550

Dmitrij Lang
Southwestern Center for
Advanced Studies
Dallas, Texas 75230

*Karen Pennington
3181 Lockmor Lane
Dallas, Texas 75220

Members (almost)

As of 20 September there are approximately 110 members who are arrears in their dues--about 50 % of the membership. The treasurer, (J. L. McAtee, Baylor University, Waco, Texas 76703) begs to remind you of this to help clear the matter, hopefully by meeting time.

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Technical Notes

J. A. Lynn (Baylor University Medical Center, Dallas, Texas) has provided us with some notes on techniques in use in their laboratory. He has had many requests for additional and current information, and we are attaching a condensed version of these notes. Further discussions of any of these points would be welcomed by Dr. Lynn, we are sure.

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News

Dr. Lawrence Threadgold of the Department of Zoology, University of Belfast, is working in the fine structure of helminths in a sabbatical year in the Department of Biology of Rice University. Dr. Threadgold is the author of a book, "Ultrastructure of Animal Cells," to be published in a month or so by Pergamon Press.

Jeffrey P. Chang (The University of Texas M. D. Anderson Hospital and Tumor Institute at Houston) has recently returned from a months' visit to Taiwan where he served as consultant and visiting professor at the University of Taiwan. He reports at least two electron microscopes in the region, and more being procured. He observed among other activities the excellent work of Hai-Chin Chen on fine structure and EM cytochemistry of experimental kernicterus, some recently published (Amer J Path 48:643, 1966).

Dallas-Ft. Worth (from Mrs. Katy Miller)-- September meeting of the Metropolitan Microscopic Society was held at Southwestern Medical School. Dr. G. C. Hoskins--"Ultrastructure of Metaphase Chromosomes," and Dr. Ann H. Bunt--"Neurosecretion of Crayfish Sinus Gland." October meeting at Southwestern Medical School, Neal Martin--"Photographic Problems in Electron Microscopy."

New areas--Childrens Medical Center (Dr. Howard Worthen)--AEI microscope.

North Texas State University Biology Department soon to occupy new laboratories.

Construction started at The University of Texas at Arlington on new EM lab areas (Dr. J. K. Butler spent summer in research at Southwestern EM labs.)

Routine diagnostic tissue studies at Baylor Hospital Pathology Department are being supported by a new Phillips 75.

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Information, comments, and communications should be sent to

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Houston, Texas 77025