

President's Message The May meeting to be held at San Antonio May 17 and 18 is shaping into an extremely exciting one. When I spoke to the Louisiana Society for Electron Microscopy at their symposium in New Orleans, I was accused of selling HemisFair more than the meeting. I will therefore refrain from plugging HemisFair too vigorously in this letter. However, it does add incentive to attend what already is obvious--a very stimulating and informative program. With such distinguished speakers on the subject of the cell as Drs. Palade and Moses, and in the field of scanning electron microscopy, Dr. Crewe, the outstanding nature of the meeting is most apparent.

The response to the questionnaire sent out by Joe Wood was that a number of you plan to take the tour of the School of Aerospace Medicine (SAM). I am sure you will find it fascinating.

The meeting has been designed to allow a "maximal" amount of time for scientific advancement as well as for other *informative* and rewarding experiences. I am hopeful many of you will come Sunday and enjoy the SAM tour, the HemisFair, and the evening social hour.

We have had excellent turnouts on our previous meetings. This depicts your interest in the Society as well as your approval of the type of meetings we are having. I am pleased at this and at the interest shown in the elections for next year's officers. I believe that this participation makes our Society one of the top in the nation, even at its youthful age.

I am confident I will see most of you at San Antonio and I am eagerly awaiting that opportunity.

San Antonio Meeting -- May 17, 18, 19 Probably the most important consideration for most of the membership is the matter of reservations. We are fortunate to have a block from which we can draw, but advance arrangements are a must, with the rule of deposit for the first night at least seven days in advance. Block reservations cover May 17 and 18. Additional time must be arranged individually with the Holiday Inn. If you mislay the form, write to Mr. Judd Sampson, Innkeeper, Holiday Inn, Northwest, 6023 Northwest Expressway, San Antonio 78201. Must include date arrival, number of nights, total number of adults, number of rooms required, and type of rooms required. Mention the TSEM meeting as part of the information you provide.

The card indicating participation and numbers sent to Dr. Wood *does not constitute* a reservation.

Local arrangements committee for San Antonio meeting

Joe J. Wood, Chairman	Associate Professor of Anatomy The University of Texas Medical School at San Antonio (PERshing 6-1961) (Mrs. Dean, Secretary, will handle messages)
Harold W. Casey	Major, MC, USAF School of Aerospace Medicine Brooks Air Force Base, San Antonio
Edward G. Reynolds	Professor of Anatomy The University of Texas Medical School at San Antonio

Current Membership 213 members (individual)
 10 members (corporate)

PROGRAM May 17, 18, 19 Holiday Inn #2, 6023 Northwest Expressway, San Antonio

Friday May 17

1:30 p.m. Tour of Aerospace Medicine
Host: Harold Casey
Busses depart from Holiday Inn #2
Tour 2:00 p.m. to 4:30 p.m.
(Busses return to Holiday Inn at 4:30 p.m.)

6:00 p.m. to 7:00 p.m. Social Hour

Courtesy of W. H. Curtin Co.
Host: Howard Keeling
San Antonio Representative

Saturday May 18

9:00 a.m. to 9:50 a.m. Dr. George Palade
Professor of Cell Biology
Rockefeller University
New York

Advances in the Study of Synthesis and Intercellular Transport of Secretory Proteins

Dr. Palade (M.D. - Bucharest) is widely known for his contributions to the ultra-structure and function of cells, with particular emphasis on membranes, ribosomes and endoplasmic reticulum, and many of the accompanying technical developments. (Dr. Palade is participating in this program through support provided by the Philips Electronics Corp., for which TSEM is most appreciative.)

Discussion

9:50 a.m. to 10:35 a.m. Dr. Heather Mayor
Baylor University College of Medicine
Houston

Dr. Charles W. Philpott
Rice University
Houston

Open Discussion

10:35 a.m. to 10:45 a.m. Coffee Break

10:45 a.m. to 11:35 a.m. Dr. Albert V. Crewe
Professor of Physics
The University of Chicago and
Enrico Fermi Institute for Nuclear Studies

"Advances in Scanning Beam Electron Microscopy"

Dr. Crewe (Ph.D. - Liverpool) has had outstanding experience in particle physics and was director of the Argonne National Laboratory from 1961 to 1967. His recent interest in electron microscopy has been directed to the development of high resolution scanning microscopes. (The Society is most appreciative of the support provided by Perkin-Elmer-Hitachi for the participation of Dr. Crewe in this program.)

Discussion

11:35 a.m. to 12:10 p.m.

Dr. L. Rudee
Rice University
Houston

Dr. P. Lund
The University of Texas
M. D. Anderson Hospital
Houston

Dr. A. Cole
The University of Texas
M. D. Anderson Hospital
Houston

Open Discussion

2:00 p.m. to 2:50 p.m.

Dr. Montrose Moses
Professor of Anatomy
Duke University School of Medicine
Durham, North Carolina

"Fine Structure and Cytochemistry of Chromosomes"
Dr. Moses (Ph.D. - Columbia) has made many contributions in the field of cytochemistry, and particularly the correlation of light and electron microscope techniques in studies of cell structure and function, including the combination of ultrastructure and autoradiography. (The Society is very appreciative of the support provided by the L.K.B. Company toward the participation of Dr. Moses.)

Discussion

2:50 p.m. to 3:30 p.m.

Dr. Biesele
The University of Texas at Austin

Dr. Brinkley
The University of Texas
M. D. Anderson Hospital
Houston

Open Discussion

Sunday May 19

9:00 a.m. to 10:30 a.m.

Tour of new medical school facility --
The University of Texas Medical School at
San Antonio

Transportation from Holiday Inn will be
available.

Results of vote on amendment to by-laws of TSEM Sections III, IIIA and IVB. Vote of 159 for (8 against) amended by-laws to read: "Current officers and immediate past president shall constitute the executive committee and the program committee," and: "Title of 'vice-president' shall be amended to 'president-elect'"

Nominations Slate proposed by nominating committee plus nominations from the membership have resulted in the following (alphabetic).

<u>Nominee</u>	<u>Organization</u>	<u>Office</u>
D. Benefiel	Dow Chemical Company	President
B. Brinkley	The University of Texas M. D. Anderson Hospital	President-Elect
R. Toler	Texas A & M University	President-Elect
R. Yates	The University of Texas Medical Branch, Galveston	President-Elect
J. Lynn	Baylor University College of Medicine	Secretary
R. Turner	The University of Texas Medical Branch, Galveston	Secretary
M. Campbell	Baylor University College of Medicine	Treasurer
G. Williams	The University of Texas Southwestern Medical School	Treasurer
J. Wood	The University of Texas Medical School at San Antonio	Program Chairman

FUTURE MEETING --- Galveston --- October --- Flagship

Regional News

Dallas (K. Miller) Metropolitan Microscopic Society--meeting 5 March, Southwest Center for Advanced Studies (Dr. D. Lang) included electron microscopy of DNA molecules, techniques and facilities, DNA molecular models (Dr. Bujard) and paleontology with new JEOL scanning microscope, showing plant spores more than 400 M years--a first application in the United States. (Dr. J. Urban.) May 14 meeting TCU Biology--hosts Drs. Gardner (Microbiology) and Couch (Neurosecretion). July--picnic. September 10 at Baylor University Medical Center, Pathology Department, hosts Drs. Race and Lynn--Electron microscopy and surgical pathology. November 12--North Texas State University (Denton), host--Dr. V. Scholes (Biology). *Miscellaneous--Seminars:* Dr. A. J. Dalton (NIH) at BUMC Tumor Board, March 4, "Some virus-like particles in plasma from leukemic patients." Dr. F. Wahlberg (Oslo), Anatomy, March 11, "Fine Structure of CNS." Dr. E. Ashby to India April 3 for eight weeks to the University of Kerala, as consultant sponsored by NSF. Papers--American Association of Anatomists, New Orleans, April 9-12, V. Williams (Southwestern Medical School), "Effect of Ischemia on the Ultrastructure of Cortical Synapse." J. Martin, BUMC, "Centrioles." A. Bunt and E. Ashby, Southwestern Medical School, "Electrical Stimulation of Crayfish Sinus Gland." C. Smith and G. Hoskins (Southwestern Medical School), "E.M. Observations of Micrurgically Isolated Nucleoli and Associated Fibers." International Congress of Endocrinology, Mexico City, June 30 - July 5. E. Saperstein and K. Miller (Southwestern Medical School), "Further Investigation by Electron Microscopy of ACTH Producing Cells in the Anterior Pituitary." American Society of Clinical Pathologists, New Orleans, March 25-30, J. Lynn (BUMC), "Application of E.M. to Diagnostic Pathology."

Austin Attention should be called to the remainder of the outstanding lecture series at the University. Jean André, C. P. Leblond, A. Novikoff, and A. Mirsky, during April and May.

Houston Baylor University College of Medicine--Dr. H. Mayor (Virology) has been appointed to a national committee, chairman Dr. D. Parsons (Research Prof. Biophysics, Roswell Park) to study an Institute for Advanced Biological Electron Microscopy.

Dept. of Microbiology--has had as visiting professor in the past month Dr. Councilman Morgan, Professor of Microbiology, Columbia. Dr. S. Black and S. Jackson will present fine structure of *T. pallidum* at American Venereal Disease Association, San Francisco.

Dept. of Pathology--Experimental Pathology has acquired a new RCA EMU4 and Olympia binoculars. *Papers*--Jenson, Rabin, Kalus and Melnick, "Marmoset Liver Organ Culture Infected with Herpes Simplex Virus." Rabin, Jenson and Melnick, "Neural Spread of Herpes Simplex Virus in Mice." Ghidoni and Liotta, "Massive Subendocardial Damage Accompanying Prolonged Ventricular Fibrillation." --All at AAPB, Chicago. Ghidoni, Sun and Liotta, "Ultrastructure of Healing Pseudointimas within Impermeable Arterial Prostheses," at Federation Meetings in April. Ghidoni and O'Neal, "Ultrastructure of Human Atheroma," in Exp. Mol. Path. 7:378, 1967.

The University of Texas M. D. Anderson Hospital and Tumor Institute

Dept. of Virology--Dr. Elizabeth Bereczky appointed Assistant Professor of Virology, from extended USPHS fellowship work in Rome. Dr. Karta Sekhri appointed Assistant Virologist, from University of California at Davis. *Papers*--T. Yumoto and L. Dmochowski, "Human Leukemia and Viruses--an E.M. Study." Symposium of Japan. Path. Soc., Tokyo, Japan. "Viruses and Cancer"--lecture by L. Dmochowski at BUMC, Dallas, January 1968. "Mouse Leukemia (NZB/B1), EM and Biology" at Gustav Stern Symposium in Virology, New York, January 1968, by L. Dmochowski. "C Type Particles in Human Lymph Nodes, Bone Marrow and Tissue Cultures," by L. Dmochowski at Special Virus Leukemia Task Force, Airlie House, March 1968.

Experimental Pathology--Dr. Paul Lund appointed to Experimental Pathology Section, from extensive work with x-ray spectroscopy and microprobe at Swedish Hospital, Seattle; also, Dr. T. Saito recently appointed, from University of Kyoto--special interest E.M. cytochemistry, related to carcinogenesis. *Papers*--"Thorotrast Localization by Light and E.M.," C. Tessmer and J. Chang, NY Acad. Sci., Vol. 143, Art. 3, Dec. 1967. "Fine Structure of the Functional Mesonephros," C. Gibley and J. Chang, J. Morph., 123, Dec. 1967. "Ultrastructural Studies in Wilms's Tumor," Cancer, for June 1968, A. Balsaver, C. Gibley, and C. Tessmer. Dr. P. Schatzki will attend Histochemical Society meeting in New Orleans, April 8-9, to present work on EM demonstration of relations of bile canaliculus and sinusoid.

Rice University--Dr. L. Rudee is chairman of radiation effects session of EMSA, New Orleans, September 16-19, 1968. Dr. C. Philpott was chairman of membrane transport session at USPHS and National Cystic Fibrosis Foundation sponsored symposium on Cystic Fibrosis and Related Human and Animal Diseases, New York, February 28-March 2. M. Goldstein presented Muscle Fine Structure--Its Functional Implications, at BUMC, Texas Medical Center Res. Soc., Jan. 1968. Dr. L. Rudee, chairman, local arrangements for the Houston EMSA meeting, 1970, will be calling soon upon members for further planning and assistance.

Unusual honor has been conferred upon Dr. C. Philpott with appointment as Master of Baker College, Rice University. This pattern, as the Yale colleges, provides the center of nearly all social and cultural activity for a group of about 250 students, and involves about 15 faculty associates.

Placements Members are reminded of this active service of EMSA. No requests have come to TSEM Newsletter for such service--however, the Editor is in need of an advanced EM technician.

Special News Item Dr. Dan K. Roberts, UTMB, Galveston, has accepted the appointment as program chairman for the EMSA meeting in Houston, 1970.

We need additional balance in reports and news from the physical, biological, industrial, and commercial phases of our activities. Please send information, comments and communications to

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