

TEXAS SOCIETY FOR ELECTRON MICROSCOPY

N E W S L E T T E R

Number 9

22 April 1969

President's Message - - Greetings. Will expand on this at the Galveston meeting.

Program Notes for the Galveston meeting of 16 and 17 May 1969.

Registration May 16 at Flagship Hotel 2:00 p.m. to 6:30 p.m.

Students	\$3.00
Members	4.00
Non-members	7.00

Evening Program at the Gamboa Cay 7:30 p.m.

Dr. Russell J. Barnett
Chairman and Professor
Department of Anatomy
Yale University School of Medicine

"Electron Microscopic Methods as Applied to Lipid Metabolism"

Dr. Barnett has been a pioneer in the field of electron microscopy, with much of the work on glutaraldehyde fixation developing in his laboratory, and such basic contributions as the studies on acetyl-cholinesterase. Dr. Barnett is sponsored by The University of Texas Medical School at San Antonio.

Special Note The Gamboa Cay is a private establishment and admission will be by TSEM registration badge. Registration only at the Flagship -- 2:00 to 6:30 p.m. -- must be done prior to the Gamboa Cay meeting.

Transportation Busses will be available at the Flagship Hotel at 7:00 p.m. for the trip to the Gamboa Cay.

Reception Following the talk of Dr. Barnett, the Curtin Scientific Company will be the host for a reception at the Gamboa Cay for the members and wives of the TSEM. This promises to be a most entertaining and unusual event for the members, in one of the most attractive spots in Galveston -- 8:30 until 10:30 Friday evening, May 16. Dress is informal....no neckties allowed, etc.

Saturday May 17 at the Flagship Hotel

Symposium on Scanning Electron Microscopy 9:00 a.m. - 12:00 noon
Chairman, Don Benefiel

12:00 Noon Luncheon
 Flagship Hotel
 Tickets at registration \$3.75

Comments by Dr. Joseph M. White, Vice-president for Academic Affairs
 The University Medical School at Galveston
 Introduction by Dr. D. Roberts

Business Meeting

Installation of Officers

2:00 p.m. - 4:30 p.m. Saturday Afternoon Program -- Flagship Hotel

Seminar on Electron Microscopy of Female Reproductive System
 Chairman, Dr. D. Roberts

TSEM members are invited to Analytical Group of ACS, Tuesday 6 May, Lake Jackson, Texas. See enclosed program.

Election Results

President	Dr. Bill Brinkley
Vice-President	Dr. Joe Wood
Secretary	Robert Turner
Treasurer	Dr. Bob Yates
Program Chairman	Joyce Kephart

TSEM Placement Service

A job placement service in the field of electron microscopy has been established for members of TSEM. Those wishing to make use of this service are to provide the following information to:

Dr. Bill R. Brinkley
 Electron Microscopy Laboratory
 Department of Biology
 The University of Texas M.D. Anderson Hospital
 Houston, Texas 77025

Position Desired

Name	Phone
Address	Date of Birth
Citizenship	Sex
Training	Field of Interest
Present Position Title	Position Desired
Salary Range	Date Available

Position Available

Organization (including name of contact)	Title of Position
Address and Phone	Special Requirements
Date Position Available	
Salary Range	

It is planned that the above information will be on file in Dr. Brinkley's office, and available at each meeting. Notices of positions available will be published in the Newsletter. Number of applicants and classification will also be indicated in the Newsletter, with individual information provided on request to Dr. Brinkley's office.

LOCAL NEWSSan Antonio

Trinity University EM laboratory expanding -- work on crinosomes of ovarian follicle before ovulation being presented at Federation meetings by Dr. Larry Espey.

Ft. Sam

Two RCA 4's in operation, one at Surgical Research Unit (Dr. Dan Foley), other in Pathology at Brooke General (Major Simon Bunn).

Southwest Foundation

HU IIC currently being used studying placental relationships (Dr. Marshall Houston), also baboon sperm (Dr. Duane Cramer).

UT Medical School at San Antonio

E. Chevalier has joined Dr. Ron Alexander in Pathology (from USAF Epidemiological Laboratory, Lackland). Pathology has Zeiss EM 9. Microbiology ordering JEM 7A (Dr. Robert Taylor). Additional microbiology staff -- Dr. K. O. Smith (from NIH) and Melvin Truesdale from NIH and Warren Gehle. Anatomy -- first Siemens 101 in this area (in operation since January). Glenn Williams has joined as Senior Research Assistant from the Institute of Cell Research.

Dallas-Ft. Worth

Regular meeting of the Metropolitan Microscopic Society 17 April at Lucas B&B Restaurant, Dallas. Speakers Dr. E. Couch (TCU) and Dr. V. Williams (UT Med School, Dallas). August meeting host, Dr. H. Worthen, Pediatrics, UTSWMS and Childrens Medical Center.

Philips Electronics -- good reconditioned EM 75 available at good price. See Frank Gibson in Dallas or George Brock in Houston. Frank Gibson is going to Pennsylvania with Philips. E. C. Ballman (Biff) formerly with Philips now with Technicon.

SMU

Several recent graduates from E.M. Laboratory awarded M.S. according to Mrs. V. Allison.

Baylor

Pathology -- Dr. J. Lynn departing soon to military service -- U.S. Naval Hospital, San Diego. Dr. G. Hoskins from Anatomy, UTSWMS completing residency in Baylor Pathology.

Dentistry -- Bill Avery, Wayne Sampson, and Walt Davis attended Anatomists meeting in Boston.

UT Southwestern Medical School

Faculty seminar 30 April will be Dr. David S. Yohn, Roswell Park, on Adenoviruses: Their Oncogenic Potential for Man. First annual Graduate Student Research Forum (Sigma Xi) 14 May, Room 162, Basic Science Building, Chairman, Dr. Parkhouse Shore, Acting Associate Dean for Graduate Studies.

Anatomy Department -- Well-represented at the American Association of Anatomists; Drs. Hoskins, Williams, Via, and Robert Skinner at Boston this month. Dr. Mickey Via received Dallas Heart Association Grant (\$10,000) for study, "Atrioventricular Conducting System-Ultrastructure and Histochemistry".

Galveston

Dr. C. Ward Kischer (Anatomy) received NIH grant for study of effects of prostaglandins on developing skin, from Arthritis and Metabolic Disease, for three years. In press by Dr. Kischer, "Accelerated Maturation of Chick Embryo Skin Treated with a Prostaglandin (PGB₁)-Electron Microscope Study-American Journal of Anatomy. Dr. Robert Yates (Anatomy) recently received five year renewal of Career Research Division Award, will spend summer with Dr. Russell Barrnett, Department of Anatomy, Yale University. Two papers from Dr. Yates' laboratory will appear in Journal of Cell Biology, "E.M. Radiographic Studies of the Carotid Body Following Injections of Labeled Biogenic Amine Precursors" (Li-Chin and Yates): "Effects of Reserpine and Hypoxia on the Amine Storage Granules of the Hamster Carotid Body" (Li-Chin, Yates, and Duncan). Dr. Gerd Maul (Pathology) will assume new position in Pathology, Temple University, Philadelphia, June 1. Randy Scott (Pathology) has embarked on M.S. in Pathology.

Houston

Baylor University College of Medicine -- Dr. H. Mayor participated in Panel on Morphology of Nucleic Acid Molecule at Cal Tech in March at the American Biophysical Society. Jerry Reeves (sponsor, Dr. H. Mayor) is presenting "Morphology of Rhinovirus: at the National Student Research Forum, April 24, sponsored by Mead Johnson at Galveston.

Houston

University of Texas M.D. Anderson Hospital -- Course in E.M. at the Graduate School of Biomedical Sciences by Dr. B. Brinkley in progress and well subscribed, leading to M.S. Dr. Brinkley is invited speaker at California Society for Electron Microscopy, Jack Tarr Hotel, San Francisco, May 2-3. Subject: "Ultrastructural Basis of Spindle Formation and Chromosome Movement in Mitosis and Meiosis". Just concluded, introductory course in E.M. in Pathology Department (Drs. Tessmer, Chang, and Ahearne).

Dow Chemical Co., Freeport (D. Benefiel) -- Additional instruments in the area. Cambridge Stereoscan (in use since 1 Dec 68) and HU 125 (in use since Oct 68).

Carl Tessmer
TSEM Editor