

TEXAS SOCIETY FOR ELECTRON MICROSCOPY

N E W S L E T T E R

Number 10

6 June, 1969

President's Message

Sincere thanks to all who were responsible for the recent Galveston meeting, especially Dan Roberts, Bob Turner, Joe Wood, and of course, President Don Benefiel. The folks in Galveston always produce a swinging affair. And, as usual, the symposium was excellent too! The paper by Russell Barnett, M.D., W.D.G.C. (Witch Doctor Gamboa Cay) was well received, as were the events which followed (thanks to Curtin Company for their hospitality). I am sure everyone was thrilled by those amazing scanning E.M. micrographs. Such new techniques and instrumentation issue forth a whole new dimension in ultrastructure. The session on E.M. of the female reproductive system was also exciting.

The new TSEM officers are planning another big year of meetings starting with an informal "retreat" this fall at the Stagecoach Inn, Salado, Texas. This one will feature papers contributed by graduate students. Come on students - put down those hang-ups and get back into the lab where the action is! We hope to see all of you at Salado with paper in hand.

If any member wishes to make suggestions concerning future programs, speakers, meeting places, business, etc. of TSEM, please write me or contact Joyce Kephart at Austin. We will be delighted to have your suggestions.

See you in Salado!

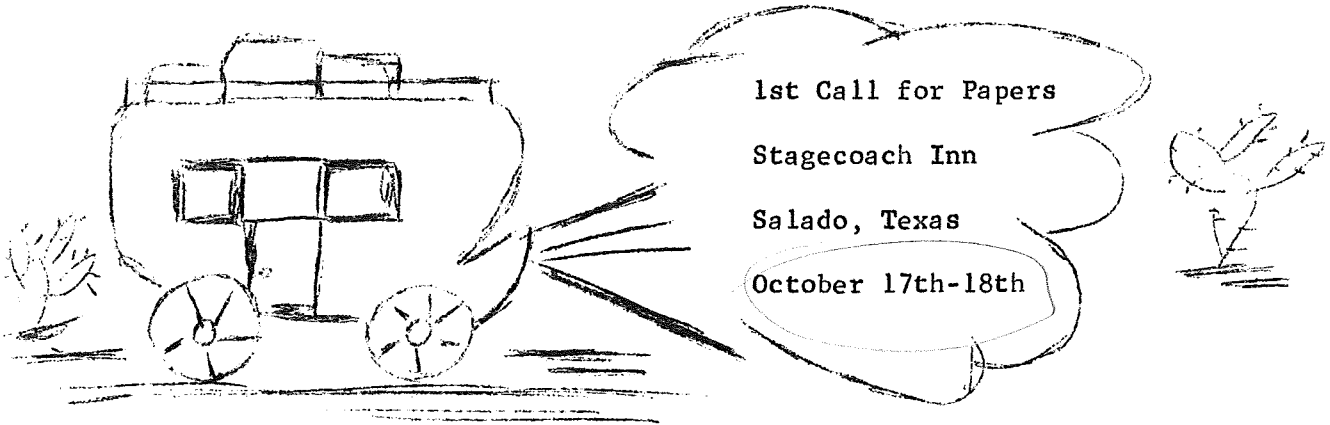
Bill Brinkley
President

Editor's Note:

The Texas Society for Electron Microscopy has experienced considerable growth since its founding a few short years ago. Our membership list continues to lengthen with each succeeding year; our meetings have become increasingly popular, not only from the professional standpoint, but the social as well. Valuable exchanges in mutual research interests have been, and will continue to be, made at each future meeting. In the effort to increase and improve communication between members, and to serve as a source of useful information and friendly conversation, the newsletter was first issued a short two years ago. It's not an easy job to collect and disseminate news items or to meet notice schedules. However, our former editor, Dr. Carl Tessmer, deserves a well-done for coordinating another important factor with the success of the Society.

Your new editor will make every effort to do as well. Usually, several frantic phone calls are made just before press time in the effort to collect news items. To make the point more clearly, the Telephone Co. loves us. One way to alleviate this expense is for members to contribute news as it occurs. Please send your items at any time to your editor. We especially want to hear more from our members in the Physical Sciences. This Society has been more successful than others in sustaining interest of both Physical Science and Natural Science microscopists. We wish to strengthen this even more.

Ward Kischer, Editor
Dept. of Anatomy
UTMB, Galveston



October Meeting TSEM

Joyce Kephart, Program Chairman, has obtained reservations for our October meeting at the Stagecoach Inn, Salado, Texas. The dates are set for the 17th and 18th. She states that the rates will be reasonable, in fact, that per diem should cover the expenses adequately.

This meeting will be contributed papers, and especially solicited is Graduate Student participation. Each TSEM member will be allotted one paper; but, they may sponsor non-members or Graduate Students, the latter preferred.

Send abstracts of 300 words or less to: Joyce Kephart, Univ. of Texas Cell Res. Instit., Austin, Texas. Best wishes to all Graduate Students for productive summers. A second call will be issues later; but September 24th is tentatively set as a deadline.

Dues Notice:

ANNUAL DUES \$3.00 PAYABLE June 1, 1969
At the spring meeting in Galveston it was decided that dues would be payable in June of each year. We have set July 1, 1969 as THE DEADLINE for receipt of payment. Dues paid at the October or January meeting were for 1968. Those who do not attend the spring meeting and who do not remit dues promptly upon receipt of dues notice will be removed from the Society membership rolls. Please keep your membership active and remit immediately so that you will receive TSEM mailouts. It you attended the last meeting in Galveston and paid your dues, please disregard this notice.

MAIL REMITTANCE TO:
Dr. Robert D. Yates, Treasurer TSEM
Department of Anatomy
The University of Texas Medical Branch
Galveston, Texas 77550

Anyone not receiving mailouts, dues notices, newsletter, etc. is asked to contact Robert Turner, Sec'y, TSEM, Dept. of Pathology, UTMB, Galveston, immediately.

Future Meetings:

Tentatively schedules are meetings in January, 1970, in the Houston area (site not selected) to coincide with the visit by the Executive Committee of the EMSA in preparation for their meeting in Houston, Sept., 1970; and, May, 1970, in San Antonio. The latter will coincide with Fiesta Week.

Call for Historical Notes:

President Brinkley is requesting information on the development of Electron Microscopy in Texas. Those who are able to contribute information on this subject are urged to communicate same to the Editor. Especially, we wish to know when the first electron microscope was installed in the state, and where, the first publication with micrographs, etc. This information will be a valuable contribution to the Archives of the Society. When all the information has been obtained we will publish it in a future issue of the newsletter. Let's hear from you, and perhaps our corporate members can be of special assistance in this matter.

Problems of Contamination:

Recently, the Anatomy Dept. at UTMB, Galveston, mustered all hands for a general and thorough cleaning of the RCA-G electron microscope. After reassembling and alignment, the 'scope was ready for pictures. Dr. Yates was waiting patiently for pump down to insert his specimen when a pesty mosquito began to harass him. Failing to dispense with him initially, Dr. Yates removed the door to the specimen chamber and the little beast promptly flew into the column.

Thirty minutes, and several epithets later, the door was heard to slam into the column along with, "The hell with it, we'll just fry the little ----". Shortly thereafter Dr. Yates was heard to complain of specimen drift. The question is who got to whom?

Placement Service:

For information regarding an applicant please write or call Dr. B. R. Brinkley, Section of Cell Biology, Dept. of Biology, M.D. Anderson Hospital and Tumor Institute at Houston, Houston, Texas, 77025. Phone: 526-5411, Ext. 282. When inquiring about an applicant for position wanted, refer to the reference number.

Positions Wanted:

Electron Microscope Technician: Seven years experience with RCA and Seimens. B.S., M.A., male, U.S. citizen. Present salary \$14,000/year. Training in biological ultrastructure. Desires position in Houston area. Available July 1, 1969. Reference #1.

Electron Microscope Technician: B.S., M.A., experienced, male, U.S. citizen. Present salary \$13,500/year. Available immediately. Reference #2.

Electron Microscope Technician: B.S., experienced, U.S. citizen. Moving to Houston with husband also in research. Desires position in Houston area. Available July 1, 1969. Reference #3.

Electron Microscopist: B.S., M.S., Ph.D. (August, 1969, Tulane University). Training in physics. Desires position in pure or applied physics. Reference #4.

Electron Microscope Technician: B.S., M.A., citizen of Tiwan, has permanent visa. Experience in biological ultrastructure. Supervisor of E.M. lab. Available in August. Reference #5.

Positions Available:

Electron Microscope Technician: Houston. Desire training and experience in biological ultrastructure to work in well-equipped E.M. lab. New Hitachi. Contact Dr. Cecil Taylor, The University of Texas Dental Science Institute, 1018 Blodgett, Houston. Phone: 528-2471 Ext. 32.

Electron Microscope Technician: Galveston. Position open immediately. Desire B.A. or one with some background in processing tissue. Will train in E.M. and other techniques. Research technician. Jr. College or histology technician acceptable. Contact Dr. C. Ward Kischer, Dept. of Anatomy, UTMB, Galveston, Texas 77550. Phone: 765-1809.

To Our Corporate Members:

In our future editions of the newsletter we will publish a special column devoted to Technical Notes contributed by our Corporate Members. Anything which you wish to contribute in the way of new accessories, techniques, instrumentation, design, etc. (price listing?) will be welcome. It's good advertising, fellas; get it while it's free!

Area News:

Austin - Dr. Gordon Whaley will chair a section on Secretion and Control at the upcoming Gordon Conferences.

Dr. Tom Leffingwell will deliver a paper at the same conferences on "Secretion of Cell Wall Material by Plants".

The International Botanical Congress in Seattle during the last week of August will be well represented by the Cell Research Institute. Dr. Whaley will chair a section, and Drs. Arnott and Larson will deliver invited papers.

Lubbock - Welcome to new member Dr. Jerry Berlin from Texas Tech College (soon to be Texas Tech University). Two Hitachi's will soon be installed in the Dept. of Biology; so, we expect to hear good things in the future from our friends in Canyon Country. Dr. Berlin's special interests include intracellular movement.

Houston - (Rice) - The degree, Doctor of Philosophy, was conferred on Margaret Ann Goldstein in recent commencement exercises at Rice University on May 17. She has been a graduate student of Dr. Charles W. Philpott. Dr. Goldstein presented a seminar at Duke University Medical Center on May 22

at the invitation of Drs. C. F. Armstrong and P. Horowitz entitled, "The use of heavy metal compounds in the study of striated muscle". She will remain in the Houston area and continue her work on muscle as Assistant Biologist and Instructor at M.D. Anderson Hospital and Tumor Institute in association with Dr. Walter Burdette, Associate Director of Hospital.

(M.D. Anderson Hospital) - Dr. Arthur Cole will take a leave of absence from the Department of Physics for 14 months to serve on the Atomic Energy Commissions Division of Biology and Medicine in Washington, D.C. Dr. Cole's former graduate student, Dr. Peter Cory, will take Art's place at the electron microscope.

Dr. Bill Brinkley will present an invited lecture to the Canadian Society for Cell Biology, University of Alberta, Edmonton, Alberta, June 11, 1969. Lecture entitled "Ultrastructural Studies of the Chromosome Fraction System in Grasshopper Spermatocytes and Mammalian Cells in Vitro". Bill and wife Shirley will vacation in Canadian Rockies following the meeting.

Huntsville - (Sam Houston State College) - Dr. Terry Hoage reports an award of Title VI Matching Funds to the Dept. of Biology for improvement of laboratory facilities for electron microscopy. Two electron microscopes are on hand, a Philips 100 and Hitachi HU-11-B, and are currently being installed.

Dr. Hoage's research is primarily concerned with the honeybee, and includes host-pathogen relationships. Other members of the department are planning projects including membrane structure in kidneys of salt marsh birds, pollen and spore structure in Middle East artifacts, and ultrastructure of flukes and other parasites in birds.

San Antonio - Dr. Bill Winborne, Dept. of Anatomy, S.A. Med. School has two 1st year medical students taking electives in electron microscopy.

Dr. Mike Houston, S.W.F.R.E., will assume his new position in August with the Dept. of Anatomy, Medical College of Virginia, Richmond.

Editor
C. Ward Kischer