

TEXAS SOCIETY FOR ELECTRON MICROSCOPY  
NEWSLETTER  
Number 8 16 December 1968

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President's Message H O L I D A Y G R E E T I N G S

Austin Meeting 24 and 25 January 1969 at the Villa Capri Motel

This meeting will include a number of demonstrations in electron microscopy techniques and related fields.

Friday 24 January at the Villa Capri Motel

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| 3:00 p.m. to 9:30 p.m.  | Registration (Club Lobby)  |
| 7:30 p.m. to 8:30 p.m.  | Evening Speaker (Regency Room)<br>Peter Marsh, Electron Microscopist<br>J. M. Huber Carbon Company<br>Borger, Texas<br>will discuss aspects of High Resolution<br>Microscopy |
| 8:30 p.m. to 10:30 p.m. | Reception (at Villa Capri - Club Lobby)  |

Saturday 25 January

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| 9:00 a.m. to 9:15 a.m.   | Business Meeting (Univ. of Texas<br>Physics Bldg.)   |
| 9:15 a.m. to 10:00 a.m.  | Speaker (to be announced)<br>(Univ. of Texas Physics Bldg.)  |
| 10:00 a.m. to 10:30 a.m. | Coffee (Biological Laborat. Bldg.)   |
| 10:30 a.m. to 12:00 Noon | Demonstrations, Univ. of Texas Laborat.<br>(Biological Laborat. Bldg.)   |
| 12:30 p.m. to 1:30 p.m.  | Luncheon (Alumni Center)   |
| 2:00 p.m. to 5:00 p.m.   | Demonstrations (Biological Laborat.<br>Bldg.)<br>Demonstrations are being planned in<br>the areas of (1) tissue culture embed-<br>ding, (2) diffraction, (3) stereoscopic<br>electron microscopy, (4) metallurgical<br>techniques, (5) crystallography, (6)<br>radioautography, (7) phosphatase, (8)<br>serial sectioning, (9) scanning electron<br>microscopy, (10) photography and dark-<br>room techniques, and (11) microtomy. |

Those who wish to offer other demonstra-  
tions should contact Dr. J. Wood before  
1 January 1969 (San Antonio, 512-696-  
6542 or 696-6421).

Tours of electron microscopy laboratories on the Austin campus will be available. (Information at Registration)

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Local Arrangements Committee of One - Miss Joyce E. Kephart (512-471-1431)

Nominating Committee has been appointed as follows:

R. Turner, Chairman  
L. Rudee  
C. W. Philpott  
D. Roberts  
K. Miller

Graduate Training Program - Dr. B. Brinkley has initiated a program leading to the M.S. (Biomedical Sciences) in the field of electron microscopy technology. This is a two year program at The University of Texas Graduate School of Biomedical Sciences. Five students are currently enrolled. Dr. Brinkley is willing to receive any inquiries.

This program is intended to help fill the growing need for trained E.M. personnel. In addition, Dr. Brinkley hopes to provide some aspects of a placement activity for those in the field as well as those planning to enter it.

#### AREA NEWS

##### San Antonio

UT Medical School at San Antonio, Anatomy Department, is receiving this month the new Siemens 101 (Drs. Rennels and Wood) based on support from NSF. W. Winborn will participate in a symposium conducted by the Louisiana Society for Electron Microscopy, 13-14 March, New Orleans.

Trinity University, Department of Biology, is operating in new electron microscopy area with Hitachi 11 and HS 7.

##### Dallas - Ft. Worth

Regular meeting Metropolitan Microscopic Society, 5 November, at North Texas State University - host Dr. V. Scholes. New officers for 1969: President, Dr. J. Martin, Baylor University Medical Center; Secretary, Nancy Arnold, Southwestern Medical School; Program Chairman, Dr. J. Butler, The University of Texas at Arlington. Glen T. Williams takes position as hospital administrator, Physicians General Hospital at Arlington on January 1.

##### Galveston

Anatomy Department - Dr. G. Callas has joined staff and will work on surfactant of lung as affected by thyroxin. Dr. L. Ross has joined also and will work in area of teratology and developmental anomalies. Dr. W. Kischer is working on hairless mice and would welcome any information on genetic peculiarities of this strain.

The POMERAT Lecture, 9 December, was given by Dr. T. C. Hsu of The University of Texas M.D. Anderson Hospital, "DNA Synthesis in Higher Animals".

#### Houston

Baylor, Experimental Pathology, ably represented by Dr. Ghidoni and colleagues at EMSA in September by six papers. Microbiology Department - Dr. S. Black will spend sabbatical year with Professor K. Muhlethaler at Swiss Federal Institute of Technology in Zurich. Dr. Black will be accompanied by wife and two daughters. Virology - Dr. R. McCombs (with M. Benyesh-Melnick and J. Brunschwig) presented "Studies of Defective Measles Virus" at September EMSA. Dr. H. Mayor and L. Jordan presented "New Micro-diffusion Technique for Visualizing Nucleic Acid Macromolecules" at September EMSA. Dr. Mayor was invited participant at the Arthritis Foundation Research Conference, Atlanta, December 6-8, and lectured at the University of Colorado Medical School, Denver, September 30, "Structure and Function of Small Animal Viruses". Anatomy - Dr. R. Dieter constructing 70 mm roll Film camera for RCA (400 picture capacity). Drs. T. Bagby, A. Liebelt, and K. DeOme presented "Hyperplastic Alveolar Nodules in C<sub>3</sub>H Mice" at the American Association for Cancer Research, Southwest Section meeting in Houston, December 6-7.

Experimental Biology - Drs. W. Stenbeck, G. Van Hoosier, Jr., and J. Trentin recently published "Biophysical Biological and Cytochemical Features of a Virus associated with Transplantable Hamster Tumors", J. Virol. 2:1115-21, 1968. B. Powell has returned to Dr. Stenbeck's laboratory after six months in Australia.

M.D. Anderson Hospital and Tumor Institute, Virology - Dr. William E. Poel, Head, Laboratory for Experimental Carcinogenesis at the University of Pittsburgh Graduate School of Public Health has joined the department as visiting associate professor for a period of one year. To appear soon Drs. Dmochowski, Seman, Myers, and Gallager "An Exploratory Study of the Submicroscopic Appearance of Human Breast Cancer" Medical Record and Annals. Dr. R. Soehner was awarded the Special Fellowship of the Leukemia Society of America for two years beginning January 1969. Dr. Dmochowski participated in Leukemia Conference, Upstate Medical Center, Syracuse, New York, "Ultra-structural Relationships of Leukemia" followed by talk in Ithaca at Cornell University, "Studies in Leukemia and Solid Tumors". Also chaired Leukemia Society Session at Miami in October. A visitor to the laboratory the latter part of January will be Dr. Gunter Pasternak of the Dutch Academy of Sciences, Experimental Division, Institute for Cancer Research, Berlin.

Rice University - Dr. C. W. Philpott was evening guest speaker at Southeastern Electron Microscopy Society at the winter meeting in Knoxville, Tenn., December 6-7, "Surface Specialization of the Cell Functionally Adapted for High Electrolyte Level Transport".

C. F. Tessmer  
Editor  
UTMDAH  
Houston, Texas