

Dr. Forests

*Dr. J. D. Long
Biology Dept*

Newsletter

TEXAS BRANCH

**American Society
For Microbiology**



Fall - 1971



TEXAS BRANCH OFFICERS

Fall 1971

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Department of Microbiology
The University of Texas
Austin, Texas 78712

Vice President

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Department of Biology
University of Houston
Houston, Texas 77004

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Department of Microbiology
The University of Texas
Austin, Texas 78712

Councilor

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Department of Microbiology
Baylor University College of
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Houston, Texas 77025

Alternate Councilor

Dr. Tom Matney
M. D. Anderson Hospital and Tumor
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Houston, Texas 77025

Immediate Past President

Dr. Rufus Guthrie
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Clemson University
Clemson, South Carolina 29631

Newsletter Editor

Dr. David J. Giron, Major
USAF School of Aerospace Medicine
(EPM)
Brooks AFB, Texas 78235

Cover: Texas A & M University Campus

SUSTAINING MEMBERS OF THE TEXAS BRANCH ASM

FALL 1971

Alcon Laboratories, Inc.

S. S. Barklis, M. D., Vice Pres.
6201 South Freeway
P. O. Box 1956
Fort Worth, Texas 76101

Curtin Scientific Co.

Joel Griffin
P. O. Box 1546
Houston, Texas 77001

American Optical Company

Gordon Hall
603 McGowan Avenue
Houston, Texas 77006

Difco Laboratories

Reginald L. Stark
9415 Westheimer 314C
Houston, Texas 77042

Bausch and Lomb

Scientific Instrument Division
Donald McLaren
6400 Westpark Drive
Suite 282
Houston, Texas 77027

Flow Laboratories, Inc.

Robert R. Taschner
Technical Director of
Marketing
1710 Chapman Avenue
Rockville, Maryland 20852

Behring Diagnostics

David Niggemeyer
5815 West Airport Blvd.
Houston, Texas 77035

Heydemann Instrument Co., Inc.

Albert Heydemann, President
7216 Mimosa Lane
Dallas, Texas 75230

The Bio-Assay Laboratory

Dr. Larry Leonard
7035 Carpenter Freeway
Dallas, Texas

Kam Laboratories, Inc.

Paul S. Kamitsuka, President
Rosedale Station, P. O. Box 3981
Kansas City, Kansas 66103

Bio-Quest Div., BBL & Falcon Plastics

George Lindquist
255 Webb Chapel Village
Room 108
Dallas, Texas 75229

Kontes Glass Company

D. E. Grigassy
926 Overland Street
Stafford, Texas 77477

Brockway Glass Company

Larry M. Wilder
4011 San Jacinto
Houston, Texas 77004

Matheson Scientific, Inc.

E. P. Martin, Vice President
Sales Manager
P. O. Box 9389, Central Park Station
Houston, Texas 77011

Corning Glass Works

Mr. Pat Ballard
1618 Sweetgrass
Houston, Texas 77090

Pearl Brewing Company

Harry M. Galloway
P. O. Box 1661
San Antonio, Texas 78206

Pfizer Diagnostics Division

Shaw Clifton, Sales Representative
2108 Bowling Green
Denton, Texas 76201

Scientific System Corporation

John S. Forrester, President
9020 South Choctaw
Baton Rouge, Louisiana 70815

Research Instruments of Houston

Joe E. Elkins
P. O. Box 55303
Houston, Texas

Ivan Sorvall, Inc.

Cyrus G. Lindgren
Executive Vice President
Norwalk, Connecticut 06852

Sargent-Welch Scientific Company

R. L. Osburn, Division Manager
5915 Peeler Street
Dallas, Texas 75235

* Southwestern Scientific Company

Al Anderson, Vice Pres. & Gen. Manager
819 West Drew Street
Houston, Texas 77006

Scientific and Industrial Sales

Services, Inc.
Norris Brown
3120 St. Louis Avenue
P. O. Box 1092
Fort Worth, Texas 76101

Truett Laboratories

Biochemical Division
J. D. Boston, Ph.D.
P. O. Box 34029
Dallas, Texas 75234

Scientific Products

Robert J. James, Area Manager
210 Great Southwest Parkway
Grand Prairie, Texas 75050

** Fisher Scientific Co.

R. S. Thornton, Sales Manager
4102 Greenbriar Drive
Houston, Texas 77006

SUPPORT YOUR SUSTAINING MEMBERS

Last minute news about our sustaining members...

* Southwestern Scientific Company has changed the name to;

Van Waters Rogers Scientific Company
7230 Mykawa Road
Houston, Texas 77033

** Fisher Scientific Company rejoins as a sustaining member in August.

WELCOME AND SUPPORT YOUR SUSTAINING MEMBERS

NOTES

FROM THE EDITOR

We have the usual plea from our secretary treasurer for the membership to send in their dues. I would urge all of the delinquent members to take a few minutes and take care of this matter.

All authors are again urged to make a special effort to meet the deadline for submission of titles for papers to be presented at the Scientific Sessions.

Due to increased printing costs, it will not be possible to publish a list of members' publications as previously announced.

NOTES

FROM THE SECRETARY-TREASURER

This has been a bad year for the collection of dues!

215 have paid 1971 dues.

318 have not responded for 1971. Please send those checks!

87 have not paid for 1970.

45 have not been heard from for 1969; their notice was not returned!

27 members placed their checks in with their ballots and they were not found until the tellers opened the ballots in Galveston. The bylaw says, "deliver sealed ballots."

Regular member \$2.00, student member \$1.00, payable to D. J. Hahn, Secretary-Treasurer, 214 Experimental Science Bldg., University of Texas, Austin, Texas, 78712.

A record number of ballots (235) were cast for the election of officers for 1972-1973. Our membership responds better to special mailings (except dues!) rather than ballots placed in the Newsletter. Also, a special mailing was tried last year for the Dallas and Galveston meetings. There have been long delays in getting the Newsletter from the printer, leaving too short a notice for the meetings and programs. The special mailing has helped the local committee with their schedules.

We have a new sustaining member, Truett Laboratories, Biochemical Division, 13450 Harry Hines Blvd., Dallas 75234. Dr. John Boston, Director of Research, Dexter Instruments of San Antonio, resigned. Mr. Pat Ballard of Corning Glass Works has replaced Mr. Jim Gremillion. Dr. Schaeffer of Temple has resigned and moved to Meharry University in Nashville. Dr. Dannis has moved from Dallas to Phoenix. Dr. John Anderson of Texas Tech. resigned. James Glasgow moved to New York.

The Branch came to the aid of a group of graduate students who organized a charter bus for the trip to the Minneapolis meeting. Twenty-eight poverty-stricken microbiologists (those who could not afford the air fare) assembled in Austin to board the bus; 100% arrived in Minneapolis in time for the meeting. Twenty-four of these survived the week's proceedings in good enough shape to face the return trip. The

2,286 miles constituted an interesting experience which was generally regarded as enjoyable by most of the participants. In addition, the bus provided a number of students with the opportunity to attend a national meeting at a reasonable cost. It is hoped that a similar arrangement can be provided for future meetings.

Please report your change of address or positions and ZIP codes (use the convenient forms at the back of this Newsletter). Twenty-seven new members applied at the Galveston meeting. How about signing up new members of your lab? Don't forget to send in the names of those retiring members. See you in College Station, October 15-16.

Your Secretary-Treasurer

Don Hahn

SUPPORT YOUR SUSTAINING MEMBERS

P.S. We are happy to have Fisher Scientific back as a sustaining member.

PLEASE PAY YOUR DUES....

AND SEND IN ADDRESS CHANGE WITH ZIP
thanks
DJH

COUNCILOR'S REPORT

A. Old Business.

1. Plans for establishing the American Foundation for Microbiology are progressing. Slates of nominees for three, two, and one year terms for the first group of Board of Directors will be voted upon by the Council in Minneapolis. Members of the ASM will elect from the nominees the members of the Board for the various terms. (Note: At the meeting in Minneapolis, the Council approved a slate of nominees.)
2. A group life insurance plan has been adopted by the Society.
3. Dues to the national ASM were increased. Another increase in dues is not on the agenda for the meeting of the Council in Minneapolis.
4. Early publication of material to be discussed at Branch meetings is being attempted to achieve greater participation of members in affairs of the Society. The success of this move depends upon when the ASM News is published. The date is too late this spring to be of benefit for our members.
5. Dr. Sulkin's ad hoc committee on reorganization of the national ASM meetings will present a progress report in Minneapolis. (Note: The committee is still discussing the problem. A meeting will be held during the summer in Dallas.)

B. New Business.

1. The Publications Board recommends publishing a new monthly journal, Antimicrobial Agents and Chemotherapy, commencing in January, 1972. This journal will take the place of the book Antimicrobial Agents and Chemotherapy that publishes the proceedings of the Intersociety Conference on Antimicrobial Agents and Chemotherapy. (Note: The Council approved publication of the new journal. Dr. Gladys Hobby will be the editor.)
2. The Publications Board recommends that ASM News be published monthly beginning in January 1972. It is now published quarterly. (Note: The Council approved the recommendation. The Executive Office of the Society anticipates increased income for the ASM from the sale of advertising in the monthly News.)

3. In response to questions concerning publication of the Eli Lilly address in Bacteriol. Rev., the Publications Board recommends the policy of publication continue. (Note: The Council accepted this recommendation.)

4. A committee established last May will recommend to the Council that student chapters of local branches be established as junior affiliates of the ASM. Such chapters may be formed by associations of student members at their colleges or universities under the advisorship of faculty members who are themselves members of good standing of the local branches. The constitution of these chapters should be patterned upon and not be in conflict with constitutions of the local branches. These student associations may be recognized as student chapters by a majority vote of members present at a business meeting of the local branch. (Note: The Council recommended approval of the following bylaw which outlines the procedure for establishing student chapters. Student chapters will be sponsored and will be the responsibility of local branches, although the Council of the ASM will approve and recognize formation of the chapters as junior affiliates. The National ASM will assume no financial responsibility. Regulations, other than those stated in the bylaw, are also the responsibility of the Branch, as long as the constitution of the affiliates does not conflict with the constitution of the ASM.

Student Chapters of Local Branches. Local Branches of the Society may sponsor the formation of Student Chapters at colleges and universities within their territorial limits under conditions to be established by the Local Branches. Upon petition by a Student Chapter of a Local Branch and also by the sponsoring Local Branch, and approval of such a petition by the Council, a Student Chapter may be given recognition as a Junior Affiliate of the Society. The petition shall be accompanied by a copy of the Constitution of the Student Chapter and a copy of the bylaws of the sponsoring Local Branch as they relate to the formation of Local Student Chapters. Responsibility for oversight of and assistance to Student Chapters shall reside with the sponsoring Branch.)

5. Another committee will recommend that the ASM establish a Board of Education and Training to strengthen programs of the ASM and AAM (American Academy of Microbiology) in education and training, including the establishment and maintenance of standards in microbiology. The board will be composed of the chairmen of all committees, boards, registries, etc. of the ASM who are concerned with education and training or with the establishment and maintenance of standards. The board can suggest additions or deletions of committees as needs change. The committee recommends that needs for postdoctoral education and training be examined beyond the area now served by subcommittee of the American Board of Medical Microbiology. The committee

also suggests that the board study the need for establishment of additional registry or certification programs in fields other than medical microbiology and the need for accreditation of graduate and undergraduate programs in microbiology, similar to the accreditation program of the American Chemical Society. Funds to support operations of the board will come from the ASM, but the committee believes that eventually the programs may be self supporting. A recommendation is made to have seven committees concerned with education and training programs and four committees concerned with establishment and maintenance of standards. (Note: The Council approved this recommendation.)

6. A proposal will be made to the Council that the ASM participate in a "profession-wide pension plan" established by the American Chemical Society. The plan will cover professional microbiologists who are members of the ASM but who do not belong to other pension organizations such as TIAA. The plan can be established either by participation of employers or by participation of individuals. The principal objectives of the plan are to achieve early accumulation of pension benefits and to provide mobility from one job to another without losing retirement benefits. The plan will be available for full time employees after the age of 25 and upon completion of one year of service. To participate in the plan, the ASM must purchase \$5,000 to \$10,000 worth of stock plus guaranteeing a loan of an equal sum. The plan will be primarily for industrial employees rather than academic. Although the ASM will incur some risk in joining the plan, the ACS and other organizations believe the plan will be successful. (Note: The Council approved this recommendation.)

I recommend that the Texas Branch vote in favor of recommendations 1 through 6.

7. A proposal will be submitted to the Council signed by 34 members to establish a Western New York Branch. The proposal is opposed by both the President and Councilor of the Central New York Branch that now encompasses the area proposed for the new branch. The request seems to reflect an intrabranch fight over an almost moribund organization. Perhaps the best solution is to modify a suggestion of the Councilor of the Central New York Branch that his Branch merge with the Eastern New York Branch. Then a separate Western New York Branch can be established. (Note: The Council approved establishment of a Western New York Branch.)

C. Other Action of the Council Taken at Minneapolis.

1. The Council accepted the recommendation that the name of the Division of Agricultural and Industrial Microbiology be changed to the Division of Environmental and Applied Microbiology, and recommended the appropriate change in bylaw 3.

2. Of interest to some members of the Branch will be the new program of the ASM for Latin American Visiting Professorship Program. The objective of the program is to send to selected academic centers in Latin America a series of outstanding microbiologists who will present current concepts and modern methods in various areas of microbiology. Courses of two to four weeks in length will be given and will consist of lectures, seminars, demonstrations and laboratory exercises. The program is financed by the ASM Foundation for Microbiology. At the present time, five institutions in Latin America have been selected to participate, but other institutions will be considered by the committee of the ASM that sponsors the program. The institutions in Latin America must initiate the inquiries concerning participation. Information can be obtained from the chairman of the committee, Dr. Francis B. Gordon, Naval Medical Research Institute, National Naval Medical Center, Bethesda, Maryland 20014.

3. The Council approved a recommendation of the Publications Board concerning publication of material taped at scientific sessions. The recommendation is as follows: "The convenor is given the responsibility for giving permission for taping material, with the permission of all participants. As a matter of record, the convenor should inform the Meetings Board of the decision made. All published material resulting from the decision of the convenor should record the fact that the publication is not a publication of the ASM."

4. Sites for future national meetings of the ASM have been selected as follows: 1972, Philadelphia; 1973, Miami Beach; 1974, Chicago; 1975, New York City; 1976, Atlantic City; 1977, San Francisco; 1978, Chicago; and 1979, New York City.

REPORT OF ASM COMMITTEE ON LEGISLATION

The ASM Legislation Committee noted that 6 states, Florida, Kentucky, Maine, Michigan, Nevada, and Tennessee, adopted laboratory legislation in 1967 and 1968. In 1969 and 1970, no legislation passed although 16 states are presently considering such. Twenty-four states have introduced no proposals to date.

Texas has delayed any further consideration of the proposals submitted to the legislature in 1969. This legislation covered both independent and hospital labs and had mandatory supervision by a physician. No performance evaluation was required, no specialized training in laboratory sciences by the physician was outlined and no examinations or certificates (licenses) were essential for operation.

The ASM has suggested certain guidelines for laboratory personnel licensure. In summary they are:

(1) All laboratories must be licensed, employ registered personnel and participate in acceptable proficiency programs.

(2) Laboratory directors must have an MD, DVM, DDS, or Ph.D. degree, have graduated from an accredited school and have had 4 or more years of general laboratory training of which at least 2 were spent in acquiring proficiency in one laboratory specialty.

(3) Laboratory supervisors must have an earned doctoral degree in medicine or one of the sciences from an accredited institution and at least 2 years clinical laboratory experience, or a Masters degree and six years of clinical laboratory experience, or a Masters degree with 4 years clinical experience and have been registered by one of the National Boards of Registry.

(4) Clinical laboratory personnel should have a Bachelor's degree from an accredited institution with a science major and served one year clinical internship, or have the degree and have been registered by one of the National Professional Societies.

(5) Cytotechnologists or technicians should have the appropriate degrees and be registered.

(6) Clinical laboratory trainees must meet the qualifications established by the appropriate National Professional Societies, i.e., have trained in accredited laboratories, served as a trainee not longer than 2 years.

(7) Histology technicians shall work only in their specialized field and have received their training in accredited laboratories.

NOTICES

PROPOSAL FOR DISTINGUISHED SERVICE AWARD TEXAS BRANCH, AMERICAN SOCIETY FOR MICROBIOLOGY

1. The award will be given to individuals for distinguished service at the local, state, and national levels to the advancement of microbiology in Texas. The individual must reside in Texas, be a member of the Texas Branch, ASM, and contributions must be made while a member of the Texas Branch.
2. Service may include meritorious contributions to the welfare or distinction of the local branch, contributions to education, research and service for the branch or for the community, serving as an officer of the ASM at the local or national level, serving on various local or national committees, presentations bringing microbiology to the attention of lay groups, etc.
3. The individual must demonstrate continuing service activity in microbiology.
4. No one area of contribution or service is to be considered exclusively, but rather, the award will be given for the sum of contributions in various areas. The award is not to be granted for outstanding research or for good teaching alone, although these areas can be considered as part of the total contribution of an individual. Individuals who serve any area of microbiology can be considered, and there will be no exclusion as to type of position held, whether academic, industrial, research, etc.
5. The age of the individual is not to be a factor for consideration.
6. The award need not be given each year, but when given, will be awarded at the fall meeting of the Texas Branch.
7. The first award committee will be appointed by the President of the Texas Branch and shall consist of three members chosen from the Branch, one to serve 1 year; a second, 2 years; and the third, 3 years. One member shall retire from the committee each year. The new member will be the previous year's award winner, or, if no award is made, the new member will be appointed by the President of the Branch. The chairman will be the member with the longest service on the committee except that the chairman of the initial committee will be the member appointed to serve 1 year, and chairman of the committee for the second year will be the member appointed to serve 2 years.

8. The Award Committee may initiate nominations of candidates for the award, as well as considering nominations from members of the Branch.

9. Nominations for the award can be submitted by any member of the Branch to the chairman of the Award Committee. Nominations must contain supporting evidence upon which the award can be made and must be received by the Award Committee prior to September 1.

10. The award will consist of a suitable plaque or object d'art, to be selected by the original Award Committee acting upon suggestions from members of the Texas Branch. No monetary award will be granted.

OPPORTUNITY FOR GRADUATE AND POSTGRADUATE STUDY

The Department of Virology and Epidemiology, Baylor College of Medicine, Houston, Texas 77025 has openings for qualified students and postdoctoral fellows interested in the molecular biology of viruses, in the virus causation of cancer, and in other aspects of virology.

JOB OPPORTUNITY

Medical Technologist GS-7 position is now vacant at Brooke General Hospital Clinical Laboratory, Fort Sam Houston.

MEETINGS

SPRING 1971

MINUTES OF THE GENERAL BUSINESS SESSION, APRIL 10, 1971, AT THE FLAGSHIP HOTEL, GALVESTON, TEXAS

The meeting was called to order at 12:10 a.m. by Dr. Rode. A quorum was declared present with 56 members.

MOTION--Dr. Sanders Lyles moved the minutes of the Fall General Business Session meeting in Dallas, October 24, 1970 be accepted as printed in the Spring Newsletter of 1971. Motion seconded by Dr. Willson Fahlberg. Motion passed.

ANNOUNCEMENTS--Dr. Rode announced the following appointments had been made:

O. B. Williams Award Committee--Dr. Peter Jurtshuk resigned when elected Vice President. Appointed were Drs. Juanita Bray, Mary Henney, Eugene Goldschmidt, and Cecil Felkner, acting chairman for the Galveston meeting.

Sustaining Memberships--Conan Millstein.

Legislation--Willson Fahlberg.

Advancement of Microbiology--Roland Vela.

Newsletter Editor--David Giron.

Nominating Committee--R. M. Pike, Chairman, J. A. Bass, Willson Fahlberg.

Tellers Committee--Mary Henney, Millicent Goldschmidt, Lyle Kuhnley.

REPORT OF THE EXECUTIVE COMMITTEE--

- (1) Agreed to pay expenses of Councilor to National meeting in cases of hardship.
- (2) Discontinue to discount price of student banquet ticket.

VICE PRESIDENT'S REPORT--Dr. Peter Jurtshuk announced 1971 Fall meeting would be in College Station October 8-9 or October 15-16th. Dr. B. G. Foster is to be the local chairman. The 1972 Spring meeting will be in Austin. Dr. Martin Venneman will be the local chairman. The 1972 Fall meeting will be in El Paso. We hope to make it a regional meeting with Arizona, New Mexico, Colorado and Mexico. Appreciation was expressed to Dr. Wood as local chairman for this meeting.

SECRETARY-TREASURER'S REPORT--D. J. Hahn reported a total of 515 members. The bank balance as of March, 1971 was \$1,296.42. Registration for this meeting is: regular members 93, student members 65, exhibits 13, exhibitors' representatives 18, and guests 25. Total registration was 201. The Polynesian paradise, Gamboa Cay, was the setting for the banquet enjoyed by 124 members and guests.

COUNCILOR'S REPORT--See Notes.

NEWSLETTER EDITOR-- Dr. Giron expressed his thanks to those collecting news items and announced that the Branch Newsletter would not publish a list of members' publications as previously announced in the Spring Newsletter.

COMMITTEE ON ADVANCEMENT OF MICROBIOLOGY--Dr. Finkelstein reported for Dr. Vela and stated the committee had been very active in State Science Fairs. They had received 11 requests from the National Office for awards and judges. They obtained or supplied 19 judges and awarded 30 certificates to winners in science fairs. He expressed their thanks to members helping in this work.

REPORT OF ASM COMMITTEE ON LEGISLATION--See Notes.

AUDIT COMMITTEE--Dr. Venneman reported the committee had examined the books and records of the Branch and found them to be in order.

TALLEY COMMITTEE--A record number of ballots were cast in the election of officers for the term of 1972-73. A total of 235 ballots were received. Dr. Kuhnley made the following report:

<u>Office</u>	<u>Nominee</u>	<u>Ballots Cast</u>
President	Dr. Peter Jurtshuk	225
	Write-ins	4
Vice-President	Dr. Black	99
	Dr. Finkelstein	128

<u>Office</u>	<u>Nominee</u>	<u>Ballots Cast</u>
Secretary-Treasurer	D. J. Hahn	230
Councilor	Dr. Matney	221
	Write-ins	3
Alternate Councilor	Dr. Bennett	109
	Dr. E. D. Rosenblum	114
	Write-in	1

OLD BUSINESS--Dr. Fahlberg offered some comments and background on the support by Sustaining Members. After some discussion and suggestions as to the different types of support such as the Happy Hour, student banquet subsidy, coffee breaks and bringing in guests from small colleges, a motion was made by Dr. Fahlbert that the Branch explore with the Sustaining Members to see if they would support an increase in dues to support these activities as a group rather than individual sponsorship. Seconded by Dr. Jurtshuk. Motion passed.

NEW BUSINESS--Dr. Williams presented his report for the Distinguished Service Award. He asked that it be published in the next Newsletter (see Notices) and be voted on at the next meeting in College Station. Membership present agreed by common consent to follow his suggestion.

O. B. WILLIAMS AWARD COMMITTEE--Dr. Felkner stated many good student papers were presented. The committee selected the paper by Mr. J. P. Allison of the University of Texas at Austin to be the outstanding student presentation. The title of the paper, Purification and Properties of Alcaligenes eutrophus L-Asparaginase, by J. P. Allison, W. J. Mandy, and G. B. Kitto. Mr. Allison will be awarded the O. B. Williams Plaque award. The paper presented by Mr. Paul E. Kizer, Pyrimidine Isostichs in Bacteriophage TP-84-DNA, by Paul E. Kizer and Grady F. Saunders, University of Texas M. D. Anderson Hospital and Tumor Institute at Houston, was awarded a certificate of Meritorious Award.

MOTION TO ADJOURN--Dr. Rode expressed his appreciation and thanks to Dr. Wood, his committees, and the Flagship Hotel for an excellent meeting. Also to the members and the Sustaining Members for their participation and support of the Branch activities and to Difco Laboratories and Flow Laboratories for their special grants to Dr. Wood for this meeting. Motion passed. Meeting adjourned.

FALL MEETING

DATES: Friday and Saturday, October 15 and 16

PLACE: Ramada Inn
410 Texas Avenue
College Station, Texas 77843
Phone: 846-8811

MOTEL RESERVATIONS:

Rates will be \$11.00 for singles; \$15.00 for doubles,
and \$18.00 for twin doubles.

REGISTRATION: Ramada Inn Lobby, 8:00 a.m., Friday, October 15.
Preregistration is encouraged. Please use the convenient form at the back of this Newsletter.

SCIENTIFIC SESSIONS:

Will begin at 9:00 a.m., Friday, October 15 and will be completed by Saturday noon. Send titles to:

Dr. B. F. Watson
Department of Biology
Texas A & M University
College Station, Texas 77843
Phone: 845-6131

Titles must be received by September 10, 1971 to be considered. Use the form at the back of this Newsletter.

I. M. LEWIS LECTURE:

4:00 p.m., Friday, October 15. Lecturer will be Dr. Telford M. Work.

Dr. Work has been a forceful leader in the field of public health and has conceived and accomplished some of the most meaningful investigations of arbovirus ecology in our times. A native Californian, he obtained an M. D. degree from Stanford University in 1945, then served as a medical officer in the U. S. Navy. He obtained a Doctorate of Tropical Medicine and Hygiene from the London School of Public Health in 1949 and took an M.P.H. at Johns Hopkins School of Hygiene. His productive career with the Rockefeller Foundation is well known. He served as Chief of Virology Section at the CDC from 1960-1967. Since 1967 he has been at U. C. L. A. as Professor and Chairman, Infectious and Tropical Diseases, School of Public Health; Professor of Infectious and Tropical Diseases, School of Medicine; Vice Chairman for Public Health Sciences, School of Public Health; and Professor of Preventive Medicine, School of Medicine.

INSTITUTIONAL NEWS

AUSTIN

Texas State Department of Health

Paul Fournier, Entomologist II, Dale Dingley, Parasitologist II, and Douglas Glasscock, Virologist I, have been accepted for admission to the University of Texas Public Health School this fall.

Enactment of the 1971 immunization laws places an added burden on the Biologics Production Division of the Laboratory Section in production of diphtheria and tetanus toxoids and smallpox vaccine. These laws which are now in effect require that all children entering Texas child-caring institutions or elementary or secondary schools or institutions of higher education must have been immunized against six diseases, including poliomyelitis, rubella and rubeola, with some exceptions.

Dr. Carl Heather is in charge of the voluntary Laboratory Improvement Program in Diagnostic Microbiology, and of Proficiency Testing in Microbiology which is required of many independent laboratories participating in the medicare program. Dr. Heather also is the General Microbiology Division Supervisor.

The Virology Division and other departmental groups are participating in a Venezuelan equine encephalitis surveillance program with other state and federal agencies.

News from Regional Laboratories

The Annual Regional Laboratory Directors Meeting was conducted at Austin, June 9-11. The program concerned several administrative, technical and legal subjects. At the Annual Dinner Meeting, A. B. Rich, D.V.M., Director of Veterinary Public Health Services, State Health Department, Austin, was given special recognition; Dr. Rich is a former Regional Laboratory Director at the San Antonio Health Department.

The Laredo Regional Laboratory recently moved into the local health department's new center and has assumed some new responsibilities.

Ramiro Longoria is now acting laboratory director of the Regional Laboratory at the Cameron County Health Department, San Benito.

Mrs. Rosie Nagle, Regional Laboratory Director at the Galveston County Health Department, La Marque, is temporarily inconvenienced by the current renovation program.

Reuben Wende, Director of the City Health Department's Laboratory, Houston, recently was awarded his doctoral degree by the University of Texas Public Health School, Houston.

Regional Laboratories at San Benito, Laredo, and El Paso are participating in the *Shigella dysenteriae* I surveillance program in cooperation with the State Health Department and the CDC Laboratory Branch.

J. V. Irons

University of Texas at Austin, Department of Microbiology

The Department of Microbiology at Austin announced with deep regret the death on May 16, 1971 of Professor Derek Hoare. Dr. Hoare came to the University of Texas as an Assistant Professor in February 1964, and was promoted to Full Professor just six years later. He published extensively in the fields of microbial physiology and ecology. He is survived by his widow, Louise, and his young son, Brian. A scholarship fund for Brian has been established in his father's name. Contributions to that fund can be made to Dwayne Savage, Department of Microbiology, University of Texas, Austin.

The Department of Microbiology is undergoing renovations that will improve our facilities for both teaching and research. The storeroom area is receiving major attention. New equipment for cleaning glassware is being installed and the area for preparation of culture media, maintenance of stock cultures, etc., is being modernized for greater efficiency. A new and up-to-date animal room is being installed in the storage area at the east end of the fifth floor. Several of the laboratories on the fourth floor are being altered, primarily through removal of walls and partitions so that space may be used more effectively. Finally, the Departmental office is being remodeled and brightened.

Dr. L. Joe Berry participated in the Conference on Cellular Antigens held in Philadelphia June 7-9, 1971. The conference was organized by the Department of Microbiology and Immunology of Temple University School of Medicine under the leadership of Profs. A. Nowotny and E. Spaulling.

Dr. Berry has been asked to serve as Chairman of the International Fellowship Review Committee of the Fogarty International Center of NIH. Appointment to the committee is for a three-year term. Dr. Berry has been a member for one year.

After 35 years of U. T. teaching and on the 51st anniversary of his enrollment in U. S. as a freshman, Dr. V. T. Schuhardt will begin modified service on September 1, 1971.

Dr. Gibson presented a paper at a National Academy of Sciences symposium in San Francisco on the Bio-degradation of Synthetic Organic Molecules.

Dr. Val M. Kobal of the University of Texas Chemistry Department will become a post doctoral fellow in the Department of Microbiology in September, 1971. Dr. Kobal will work with Dr. Gibson on the mechanisms utilized by bacteria to oxidise aromatic hydrocarbons.

Dr. and Mrs. Orville Wyss spent the Spring semester at the University of Sydney in Australia. Dr. Wyss also lectured at the University of Hawaii, at Otago University in Dunedin, New Zealand, at the University of Calcutta, and at the University of Melbourne. After completing their Fulbright Assignment in Australia, they continued on to tour India, Nepal, Kenya, Greece, Italy, and Spain before returning in time for the National Meeting of the ASM in Minneapolis, and the annual meeting of the Society for Piscatology.

D. J. Hahn

COLLEGE STATION

Texas A & M University, Department of Biology, College of Science

Dr. B. G. Foster, Associate Professor of Microbiology, and Dr. J. M. Prescott, Professor of Biochemistry and Dean, College of Science, have received a two year contract from NASA to evaluate the effects of ultraviolet irradiation near the lunar surface on the rate and characteristic of selected proteolytic enzymes of certain bacterial species. Mrs. Mary O. Hanna, Research Assistant, and graduate students Thomas Luhr and Vijaya Rao will also work on the project.

Terry Foster (M.S., North Texas State University), Thomas Luhr (B.S., Texas A & M University), and Teri C. Sali (B.S., Texas A & M University) will begin this fall on their respective graduate programs. They will join Dr. B. G. Foster in Medical Microbiology and Immunology.

Edward Mason (B.S., Austin College, M.S., Texas A & M University) passed his preliminary examinations and was admitted to Ph.D. candidacy.

Vijaya Rao took the summer off from her Master's study to visit her parents, relatives, and friends in India.

Dr. Carl Vanderzant has joined the Microbiology Section of the Department of Biology at Texas A & M University. Dr. Vanderzant will also remain as a staff member in the Animal Science Department. He is in charge of an undergraduate and graduate course in food microbiology and has a research program in various phases of food microbiology. Those interested in advanced degrees (M.S. or Ph.D.) in Microbiology with specialization in food microbiology are invited to submit their application to: Dr. Carl Vanderzant, Department of Biology, Texas A & M University, College Station, Texas 77843.

James L. Harris, graduate student working with Dr. Taber, spent two weeks with Dr. Hess, Brigham Young University, Utah, learning the freeze-etching technique. The occasion was funded by Sigma Xi award made to Mr. Harris.

Dr. Willard A. Taber presented a paper at the botanical division of AIBS, held on the University of Alberta campus, Alberta, Canada. (Note: An interesting paper by Dr. Lemke, Eli Lilly Company, described double-stranded RNA viruses of fungi which induce interferon synthesis, and may be involved in secondary metabolism, i.e., penicillin synthesis.)

W. A. Taber

DALLAS

The University of Texas Southwestern Medical School, Department of Microbiology

Sally Jo Rubin received her Ph.D. in June and has begun work as a post-doctoral fellow in the Department of Microbiology, Baylor University College of Medicine.

Robert M. Pike

GALVESTON

The University of Texas Medical Branch, Department of Microbiology

On July 1, Dr. Rodney F. Smith, formerly of Temple University Health Sciences Center, joined the Department of Microbiology as

an associate professor. Dr. Smith is also Head of the Division of Microbiology at the Shrine Burns Institute in Galveston.

Paige D. Dinn received the M.A. degree in July and is currently employed as an instructor at Galveston Community College. Her supervising professor was Dr. Robert C. Wood.

James H. Jorgenson joined the department in June to work toward the Ph.D. in Microbiology in the laboratory of Dr. Rodney F. Smith. Mr. Jorgenson received his Master's degree in May, 1970, from North Texas State University.

In May, Dr. Yoshikazu Watanabe, an associate professor in the Department of Microbiology, moved from Galveston to Geneva where he joined the World Health Organization (Bacterial Diseases, Division of Communicable Diseases).

Well earned vacations began in August for Microbiology's faculty and staff who taught the main course in a sophomore class (September-March) followed, under the new curriculum, by teaching a class of Basic Science Core Phase I students (April-July).

P. Hannigan

HOUSTON

University of Houston, Department of Biology

Dr. Peter Jurtshuk, currently the Vice-President of the ASM Texas Branch, will become the president of our Microbiology Chapter for 1972-1973.

A. Joanne Bednarz, a University of Texas graduate student of Dr. Jurtshuk, who completed the final phase of her doctoral studies at the University of Houston, is expected to take her Ph.D. oral exam in Austin this summer. Her Ph.D. study is on "Phospholipid and FAD Activation Effect on the Particulate L-malate Oxidoreductase of Azobacter vinelandii."

Dr. Henry R. Henney, Jr. received another three-year research grant from the Robert A. Welch Foundation supporting his research on the Myxomycetes.

Dr. Evans' students, Robert Irbe (M.S.), and Mike Terraso (Ph.D.), completed their graduate studies in July.

Henry R. Henney, Jr.
(For E. O. Bennett)

Baylor College of Medicine, Department of Virology and Epidemiology

Professor Joseph L. Melnick, Chairman of the Department of Virology and Epidemiology, and Associate Dean for Graduate Studies, serves on the Executive Board of the International Association of Microbiological Societies (IAMS) and participated in the annual meeting in London, England on June 22-24. Dr. Melnick is chairman of the Virology Section of the IAMS. He also served as Secretary-General of the Second International Congress for Virology held in Budapest during the week of June 27, under the auspices of the IAMS.

Dr. Melnick also received an honorary D.Sc. degree from the Wesleyan University, Middletown, Connecticut, at its Commencement Exercises on June 6.

V. Knight

The University of Texas M. D. Anderson Hospital and Tumor Institute at Houston, Department of Virology

During the period January 1971-July 1971, the department was visited by the following:

Dr. Louis S. Grant, Department of Microbiology, University of the West Indies, Kingston, Jamaica.

Dr. David S. Yohn, Department of Veterinary Pathology, Ohio State University, Columbus, Ohio.

Dr. Edwin H. Lennette, Chief, Viral and Rickettsial Disease Laboratory, California State Department of Public Health, Berkeley, California.

Dr. Mary A. Fink, Director for Immunology Extramural Activities, National Cancer Institute, Bethesda, Maryland.

Dr. Edward Kravitz of the Food and Drug Administration and formerly Managing Editor of the Journal of Cancer Research.

Dr. John S. Rhim, Director of Projects, Microbiological Associates, Inc., Bethesda, Maryland.

Dr. Deward E. Waggoner, Head, Program Analysis and Communications Office, Viral Oncology, National Cancer Institute, Bethesda, Maryland.

Mr. Louis P. Greenberg, Head, Information Unit, Viral Oncology, National Cancer Institute, Bethesda, Maryland.

Dr. Dennis Duggan, Associate Professor of Microbiology, University of Florida, Gainesville, Florida.

Dr. Jo Hilgers of the Netherlands Cancer Institute, Amsterdam, The Netherlands.

Dr. Karl Maromorosch, Director, Department of Insect Physiology and Virology, Boyce Thompson Institute for Plant Research, Yonkers, New York.

Dr. David Baltimore, Massachusetts Institute of Technology, Cambridge, Massachusetts.

Dr. Roy Kinard, Viral Branch, National Cancer Institute, Bethesda, Maryland.

Dr. Robert C. Gallo, Head, Section of Molecular Control Mechanisms, Human Tumor Cell Biology Branch, National Cancer Institute, Bethesda, Maryland.

Dr. Mildred Broome, Department of Microbiology, Ohio State University, Columbus, Ohio.

Dr. Edwin H. Lennette, Chief, Viral and Rickettsial Disease Laboratory, Chief, Infectious Disease Element, California State Department of Public Health, Lecturer in Epidemiology and Virology, School of Public Health, University of California at Berkeley, Berkeley, California.

Dr. Richard Hall, Loma Linda University, Loma Linda, California.

Dr. Louis Sibal of the National Cancer Institute.
Several of the visitors presented seminars.

Eleven papers were published, 10 papers are in press, 7 abstracts were published, and 9 abstracts are in press for the department.

Special Items

New Members to the Department:

Dr. Jorge Vermelli, Assistant Virologist and Assistant Professor of Virology.

Dr. Patton T. Allen, Assistant Virologist and Assistant Professor of Virology.

Dr. Donald Evans, Project Investigator.

Visits to other institutions by members of the Department:

Dr. E. Priori, the Charles Pfizer and Co., Inc. laboratories; Dr. L. Dmochowski, Methodist Hospital, 5th International Symposium on Comparative Leukemia Research, Padova, Italy, 13th General Congress of Japanese Clinical Hematology, Okayama, Japan; Dr. E. S. Priori, Sloan Kettering Institute for Cancer Research, University of West Indies, Jamaica; Drs. J. M. Bowen, W. A. Newton, and P. T. Allen, NIH.

Miscellaneous

Dr. George Georgiades has extended his stay with the department and has been appointed Project Investigator for a period of one year. Dr. Dmochowski was elected to the Executive Council of the Houston Philosophical Society. Dr. William A. Newton passed his Ph.D. examination and has become project investigator in the department. Mr. Kevin T. O'Connell, student of St. Johns University, Collegeville, Minnesota, was appointed as a College Student Trainee in Virology during January. Dr. K. Hou-Jensen completed his experiments and left the department.

Dr. E. S. Priori visited the USS Hope anchored in the Kingston, Jamaica harbor and was provided with a serum sample derived from a patient with Burkitt's lymphoma (African type). This is a most valuable addition to the research on the ESP-1 virus.

Mr. William Dial of the magazine Hospital Practice interviewed Dr. L. Dmochowski for an article on the relationship of viruses to human breast cancer. The Executive Editor of Chronic Disease Management wished to do a story on the paper "Immunological studies on human breast carcinoma by immunofluorescence test" by E. S. Priori, G. Seman, L. Dmochowski, H. S. Gallager, and D. E. Anderson.

Mr. Luis M. Benavides and Miss Gaynell Pond have joined the department for the summer as Junior Science Trainees and work with Dr. K. Maruyama and Dr. E. S. Priori, respectively.

Miss Kathy Bruce and Mr. Ray Graf have joined the department for the summer as College Student Trainees and work with Dr. G. Seman and Dr. J. M. Bowen, respectively.

L. Dmochowski

Baylor College of Medicine, Department of Microbiology

After 9 years in the department, during which time he established the laboratory for electron microscopy and made outstanding contributions to the medical and graduate teaching programs, Dr. Samuel H. Black is leaving Baylor to join the Department of Microbiology and Public Health at Michigan State University. Dr. Black will be joining his mentor, Dr. Philipp Gerhardt, to assume responsibilities for teaching microbiology in the new school of osteopathy and to revitalize under-graduate teaching in the department at MSU. We all wish Dr. Black success in his new position. We will miss his ebullience, enthusiasm, and erudition, as well as his gnome-like figure jouncing down the hallways.

Dr. Jerry B. Gaultney returned to Eku, Migeria, to resume his position as head of the laboratory at Eku Baptist Hospital. Jerry spent the last year as a post-doctoral fellow in public health and medical laboratory microbiology working with Drs. Wende and Williams.

Dr. Sally Jo Rubin, who worked with Dr. Eugene Rosenblum at Southwestern Medical School for her Ph.D., joined the Department in July as a post-doctoral fellow in public health and medical laboratory microbiology. Also joining the department in July were three teaching assistants, Mrs. Ann James, from Huntsville, Alabama; Mrs. Stephanie

Olney, from Houston; and Richard Webb, also from Houston. They received their undergraduate degrees from Radford College, the women's division of Virginia Polytechnique Institute, University of Oklahoma, and Rice University, respectively. Andrea Arrow and Gilbert Blancarte were summer fellows in the Department working under the direction of doctoral candidate Randolph Scott in Dr. Williams' laboratories. Greg Anderson moved down one floor from the Department of Physiology to replace Sterling Bailey as a research technician working with Dr. Williams and Dr. Liu of the Department of Physiology. Sterling left to enter the School of Physical Therapy at the University of Texas Medical Branch, Galveston.

Reuben Wende is now a Doctor of Public Health, having received his degree from the University of Texas School of Public Health in June. Dr. Wende's cup raneth over in the spring because he also was promoted to Adjunct Associate Professor of Microbiology.

Dr. William T. Butler, Associate Professor of Microbiology and Medicine, was one of 30 persons chosen from 113 considered for membership in the exclusive American Society for Clinical Investigation.

Dr. Armead "Chinky" Johnson, who was awarded the Ph.D. from Baylor College of Medicine in June, is working as a postdoctoral fellow in immunology under Dr. Butler.

Mr. Lee Harrison, who received the M.S. in Microbiology from Baylor in June, is now a dental student at the University of Texas Dental School in Houston.

V. Knight

BROWN & ROOT - NORTHROP

A microbial experiment is being prepared by the Medical Directorate MSC for flight on Apollo XVI. This experiment will measure the effect of various spaceflight parameters on selected microorganisms. Solar UV and ionizing radiation will be used as mutagenic sources.

Members of NASA and Brown & Root - Northrop have been engaged in implementing the epidemiological, medical, and immunological facets associated with the Apollo XV Flight Crew Health Stabilization Program. The program is designed to limit infectious disease in mission-critical personnel and to protect Apollo crews from exposure to infectious diseases 21 days prior to flight.

Preparations for the biocharacterization of lunar samples to be returned by Apollo XV are in progress. Since the absolute requirement for biologic containment facilities such as Class III cabinetry is no longer necessary, new parameters for the biocharacterization of lunar samples are programmed.

The diagnostic capability for evaluating suspected Venezuelan equine encephalitis patients at MSC has been developed.

C. J. Hodapp

SAN ANTONIO

Brooke Army Medical Center

In June Major Frank Rabey became Chief of Microbiology Section at Brooke General Hospital. He replaced Colonel Reginald C. Thomas, who transferred to Washington, D. C.

Mrs. Jeanne Barnett, Medical Technologist, GS-7, is leaving Brooke General Hospital Clinical Laboratory after more than six years service. Her husband is being transferred to Valdosta, Georgia.

USAF School of Aerospace Medicine

Colonel Robert A. Crandell, Chief of the Epidemiology Division prior to his retirement in May, joined the faculty of the University of Illinois at Urbana. He will be with the Department of Veterinary Diagnostic Medicine.

Lt. Colonel George D. Lathrop is the new Chief of the Epidemiology Division. His previous assignment was Deputy Commander, 5th Epidemiology Flight, Manila. Dr. Lathrop was awarded his M.D. degree by the University of Illinois and his Ph.D. by the University of California at Berkeley.

Captain Tony David, D.V.M., has successfully completed the requirements for a Master's degree in Laboratory Animal Microbiology. He took the oral examination and defended his thesis on July 12 at Texas A & M University. Dr. Jerome P. Schmidt was in attendance as a visiting member of the graduate faculty at A & M.

Dr. Jerome P. Schmidt was invited to participate in the International Symposium on Environmental Physiology: Bioenergetics and Temperature Regulation, July 18-23, in Dublin, Ireland. Dr. and Mrs. Schmidt toured the island by auto for two weeks following the symposium.

The Epidemiology Division has been given the responsibility for training personnel, Air Force wide, for the drug abuse rehabilitation program. The Division is also involved in the Texas VEE outbreak and has dispatched military teams to affected areas.

We wish to welcome Major F. Erich Hemphill to the Environmental Microbiology Branch. Dr. Hemphill received his D.V.M. from Tuskegee Institute and a Master of Science degree was awarded by the University of Illinois. He arrived here from Iowa State University where he completed the course work and "prelims" toward a doctorate in microbiology. His dissertation will be concerned with immune response.

Several members of the Environmental Microbiology Branch attended the ASM meetings in Minneapolis.

The University of Texas Medical School at San Antonio

Dr. Daniel Thor, presently at the National Institutes of Health, will join the department this summer as a senior member of the immunology section.

Visitors to the department included Dr. Philip Lee, Chancellor, University of California/San Francisco, and former Assistant Secretary for HEW, who presented a seminar on "National Health Insurance--Panacea or Pandora's Box."

Several members of the department attended the annual ASM meetings in Minneapolis and an even greater number will attend the 1st International Congress of Immunology in Washington D. C.

In January, and again in June, Dr. Robert Taylor presented sessions on mycotic diseases at the Global Medicine Course at Walter Reed Army Institute of Research, Washington, D. C.

In April, Dr. Dennis Trent participated in a panel on the biochemistry, ultrastructure and antigens of arboviruses at Walter Reed Institute of Research, Washington, D. C.

In May, Dr. Barbara Sanford attended a course in Palo Alto, California for research personnel employing the Model E Ultra-centrifuge.

In March, Dr. Shelokov was invited to speak at the South Central Association of Blood Banks in Hot Springs, Arkansas on "Australia Antigen and Hepatitis." He attended a conference of Dental School Microbiology Chairmen held in Chicago in April. In May, he participated in a workshop on "Viruses as Agents in Experimental Diabetes" sponsored by the Extramural Programs, National Institute of Allergy and Infectious Diseases in Bethesda. He plans to participate in the III Central American Congress for Microbiology to be held in Guatemala City in July.

Dr. Elizabeth Verder recently traveled to Washington, D. C. to confer with various agencies regarding mechanisms of support for graduate studies.

Dr. Charles Davis, Dermatology Clinic, Wilford Hall USAF Hospital, Lackland AFB, and Captain Nick Palermo of the 5th Army Medical Laboratory, Fort Sam Houston, have been with us several months collaborating with virologists in the department.

Fall Meeting, October 15 & 16, 1971
Ramada Inn
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DEADLINE FOR TITLES: September 10, 1971

Presentation at Scientific Sessions

Author(s) _____

Title of Paper _____

Author Presenting Paper _____

Check if student ()

Institution(s) _____

Projection Equipment _____

Please reserve _____ places for the undersigned for the
banquet to be held on Friday evening, October 15th.

Signature

RESERVATIONS

Please arrange for the following room reservations at the Ramada Inn:

	<u>Date</u>	<u>Single</u>	<u>Double</u>	<u>Twin Double</u>
Rates		\$11.00	\$15.00	\$18.00
Thursday	Oct 14	()	()	()
Friday	Oct 15	()	()	()
Saturday	Oct 16	()	()	()

Occupants: _____

Please mail reservations and paper notices to:

Dr. B. F. Watson
Department of Biology
Texas A & M University
College Station, Texas 77843
Phone: 845-6131