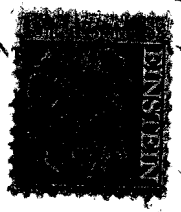
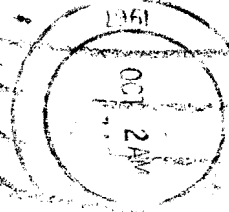
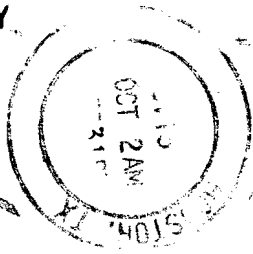


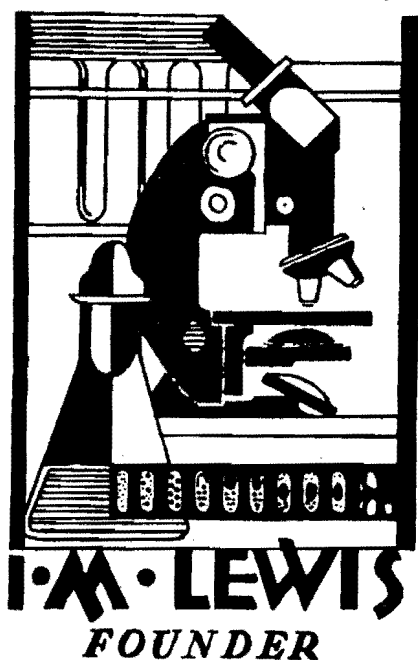
DEPT. OF MICROBIOLOGY
BAYLOR UNIVERSITY
COLLEGE OF MEDICINE
HOUSTON 25, TEXAS



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HAROLD F. FOERSTER
SHSC BOX 2883
HUNTSVILLE, TEXAS 77341

64/1,4,5/L



FALL

1967

NEWSLETTER

TEXAS BRANCH

AMERICAN SOCIETY
FOR MICROBIOLOGY

TEXAS BRANCH OFFICERS

1967

President

Dr. Eugene Rosenblum
Department of Microbiology
University of Texas
Southwestern Medical School
Dallas, Texas

Vice-President

Dr. Irving Davis, Lt. Colonel
Chief, Biosciences Branch
U.S.A.F. School of Aerospace Medicine
Brooks Air Force Base, Texas 78235

Secretary-Treasurer

Reuben D. Wende
Department of Microbiology
Baylor University College of Medicine
1200 Moursund Avenue
Houston, Texas 77025

Councilor

Dr. Paul Donaldson
Department of Microbiology
Northwestern State College
Natchitoches, Louisiana 71457

Alternate Councilor

Dr. Robert P. Williams
Department of Microbiology
Baylor University College of Medicine
1200 Moursund Avenue
Houston, Texas 77025

Immediate Past President

Dr. E. O. Bennett
Department of Biology
University of Houston
3801 Cullen Blvd.
Houston, Texas 77004

Newsletter Editor

Dr. S. H. Black
Department of Microbiology
Baylor University College of Medicine
1200 Moursund Avenue
Houston, Texas 77025

PRESIDENT'S MESSAGE

When the branch honored me, almost two years ago, with the office of president I felt grateful and proud, and also somewhat apprehensive at the thought of running an active growing organization for two years instead of the previous one year term. On reflection, I can see that the duties of the presidency are not at all burdensome. My predecessors in this office have, over the years, evolved an administrative machinery that tends to run itself. But to say the Branch runs itself is not quite true; the Secretary-Treasurer runs the Branch. (Perhaps I should thank my predecessors for evolving that arrangement also!) Reuben Wende, who has run the branch with firmness and efficiency for four years, is also retiring from office after this fall meeting. Reuben, we all appreciate your hard work and dedication, and acknowledge our debt of gratitude.

I would like to thank those members of the branch whom I appointed to various committees and other offices for their efforts and fine cooperation. I don't believe I had to twist more than one or two arms to fill the various vacancies.

Being an officer in an organization such as ours makes me susceptible to a sort of Parkinson's syndrome; i.e., a tendency to regard committees, constitutions, by-laws, and administrative machinery generally as ends in themselves rather than means to an end. Our end, of course, is the advancement of microbiology in Texas, and its major expression is in our semiannual scientific meeting. A successful meeting depends almost entirely on the voluntary participation of the individual branch members (and sustaining members!). Our membership should feel pleased with itself for the growing attendance records and the increase both in quality and quantity of our scientific programs. Pleased, yes, but not complacent. Let's show Irv Davis we can do even better.

Eugene D. Rosenblum

FEATURE

THE DECISION IS STILL YOURS

One of my colleagues, also a Texas Branch member, recently asked me whether he should join the American Society for Microbiology, our national organization. I replied that I couldn't give him a "yes" or "no" answer but that I would be happy to cite some information upon which he could possibly make his decision. I thought I would pass along this same information to the rest of our Branch members who might be pondering this question.

The American Society for Microbiology, formerly the Society of American Bacteriologists, is in its 67th year of existence. It was formed "to promote scientific knowledge of microbiology and related subjects through discussions, reports, and publications; to stimulate scientific investigations and their applications; to plan, organize, and administer projects for the advancement of knowledge in this field; and to improve education in the science." There are today over 10,000 members in the national Society. Of the current Texas Branch membership (approximately 600), less than 50% are members of the national ASM. This compares favorably with some branches, less favorably with others.

Are our Branch members active in national affairs? Yes. Orville Wyss is a past president of the Society and currently is Chairman of its Honors Committee. V.T. Schuhart has just been nominated for Councilor-at-Large for 1968-69 (don't forget to vote). S.E. Sulkin is Chairman of the Annual Meeting Program Committee. W.F. Verwey is a member of the Committee on Interscience Conference on Antimicrobial Agents and Chemotherapy. Vernon Knight is a member of the Editorial Board of the publication, Antimicrobial Agents and Chemotherapy, and a member of the Committee on Advisory to the U.S. Army Biological Laboratories. J.L. Melnick is a member of the Editorial Board of the Manual of Clinical Microbiology. E.D. Rosenblum is a member of the Taxonomy Subcommittee on Micrococcaceae, and Manley Mandel is a member of the Taxonomy Subcommittee on Pseudomonadales. If I have inadvertently forgotten anyone, I apologize. This is substantial evidence that our Branch members are active in the national Society affairs.

How does the national Society disseminate the scientific contributions of its members? One method is the annual meeting held in the spring of each year. As an example, last May the largest annual meeting in the Society's history (7,370 people) was held in New York City. The schedule of the meeting included nearly 1,000 regular papers, 5 major symposia, 21 round tables, 4 major addresses, and 5 film sessions. Annual meetings for the next few years have already been scheduled as follows: 1968, Detroit, 5-10 May; 1969, Miami Beach, 4-9 May; 1970, Boston, 26 Apr - 1 May; 1971, Minneapolis, 2-7 May; 1972, Philadelphia, 23-28 Apr. Hope to see you at all of these.

Another major avenue for the dissemination of scientific productivity is the Society's publications. These include the well established periodicals, the Journal of Bacteriology and Bacteriological Reviews. Another publication, Applied Microbiology, has been in existence a few years and starting January 1, 1968, will be published on a monthly basis. The latest publication, Journal of Virology, was launched last year as a bimonthly publication. The Editorial Board has recently decided to publish this journal monthly as of January 1, 1968. Finally, the Society publishes the book, Antimicrobial Agents and Chemotherapy, which reflect the papers of the annual ASM-sponsored Interscience Conference on Antimicrobial Agents and Chemotherapy (the 7th ICAAC meeting is in Chicago, October 25-27, 1967).

These are the major efforts of the national organization as I see it. There are undoubtedly other facets which might be equally important (Presidents Fellowships, commercial and scientific exhibits, newly established Carski Foundation Distinguished Teaching Award, etc.). If you would like to get more information or desire to be nominated for membership, contact any one of your Branch officers. They will be happy to assist you.

Should you join the national ASM? The decision is yours.

IRVING DAVIS, Ph.D.
President-Elect

NOTES

Certification by the American Board of Microbiology

The American Board of Microbiology was created by the American Academy of Microbiology in 1959 with the primary purpose of raising the standards of practice of public health and medical laboratory microbiology and its subspecialties. It has established and maintained programs to certify applicants who have met certain standards of education, training and achievement. To be eligible for certification examination and to become a diplomat one must have earned an acceptable doctoral degree and have had five years of pertinent and acceptable postdoctoral training and experience. Both a written and an oral examination must be passed by the applicant in the fields of competence for which he desires certification.

On April 29, 1967, the American Board of Microbiology extended for one year the waiver of the written part of the certification examination. The executive committee felt that sufficient publicity had not been given to the preceeding one year extension and that there were many competent clinical microbiologists who were eligible under the "grandfather clause". Members of the Texas Branch of the American Society for Microbiology should be aware of the fact that recognition of the American Board of Microbiologists has been made at a Federal government level. The Rules and Regulations of the Federal Register, Vol. 31, No. 243, December 16, 1966, state that a person with an earned doctorate from an accredited institution and certified by the American Board of Microbiology, or other certifying boards, etc., is qualified to be a director of a clinical laboratory.

W. J. Fahlberg

SUPPORT OUR SUSTAINING MEMBERS

Announcement of The Carski Foundation Distinguished Teaching Award

Your attention is invited to the announcement in the ASM News, volume 33 (3), p. 36, of the Carski Foundation Distinguished Teaching Award. The purpose of the award is "to provide recognition to a mature individual for distinguished teaching of microbiology to undergraduate students and for encouraging them to subsequent achievement." The Award consists of \$1000. Conditions of the award and the procedure for nomination are described in the ASM News article. Nominations for the 1968 Award should be submitted by 1 November 1967 to D.E. Shay, Secretary, American Society for Microbiology, 115 Huron View Blvd., Ann Arbor, Michigan, 48103.

"It was his firm conviction that the teacher had failed in his intentions if at the end of his discourse he was not mentally exhilarated and physically exhausted."

Noah Morris
University of Glasgow

(Contributed by W.A. Nolte)

Tribute to Dr. F. W. Bieberdorf

We are saddened to hear that Dr. F. W. Bieberdorf died April 8, 1967, in Oklahoma City. Dr. Bieberdorf was born in Stillwater, Oklahoma, on March 1, 1900. His undergraduate study was done at Oklahoma A & M where he received a B.S. degree in Agriculture in 1926. A Master's degree was awarded in 1927 at Iowa State. Doctoral work was also done at Iowa State where he received his degree in Botany with minors in Bacteriology and Mycology. The year was 1933.

Upon completing his formal education, Dr. Bieberdorf taught at Oklahoma A & M and then at St. Olaf College in Northfield, Minnesota. During the years of 1942-1946, he was an instructor in the Aviation Cadet Training Program in the Army Air Force. The A.A.F. Allergy Lab was his first place of employment after the military. In 1947, Dr. Bieberdorf began 19 years of service with the Southwest Research Institute. Also in 1947, he became mycological consultant for the Santa Rosa Hospital. During the 1950's he taught intermittently at Trinity University in the evening class of Mycology. Upon retirement in 1966 from S.R.I., he became consultant in pollen analysis at a research lab in Oklahoma City where he remained until his death.

R. J. Ball

BRANCH AFFAIRS

A NOTE FROM THE SECRETARY-TREASURER

The Texas Branch of the American Society for Microbiology has during the past four years experienced a dramatic growth period. Regular and student membership as of September 1, 1967, totals 554. This compares with 324 on September 1, 1963. Sustaining members during this same time increased from 12 to 25. The officers and members of the Texas Branch have been aware of their responsibility during this growth period by making changes in many of the activities of the Texas Branch, and it is my opinion these changes are important enough for a brief review. They include:

1. Voting Constitutional changes in 1964 and 1967.
2. Increasing dues in 1966 from \$1.00 to \$2.00 for regular members and from \$0.50 to \$1.00 for students.
3. Approving in 1966 a registration fee of \$0.50 for students and \$1.00 for regular members at the Spring and Fall Meetings.
4. Establishing in 1965 a tax-exempt status for the Texas Branch.
5. Increasing sustaining membership dues in 1968 from \$25.00 to \$40.00.
6. Voting an increase in the number of O.B. Williams Award winners at a given meeting at the discretion of the O.B. Williams Award Committee.
7. Granting permission to local program committees to make all decisions and arrangements for a particular Spring or Fall meeting.

The officers and members in addition to securing the financial position of the Texas Branch by specific actions have also reflected other growth characteristics. Attendance at the meetings has risen from an average of 100 in 1963 to an average of over 200 in 1967. The number of papers presented at each meeting has almost doubled in 1967 over 1963. With a little extra effort in securing new members, it is possible, if the present rate of growth is maintained,

for the Texas Branch to reach a total membership of 1,000 by early 1970. Certainly this should be a goal for every interested member. Your new officers will officially take office January 1, 1968. Give them your support in every way possible. Your new Secretary-Treasurer, Don Hahn, will be at the registration desk at the Fall Meeting in Galveston, November 10-11. Get acquainted with him and see how many new members can be added for 1968.

It has been an honor and a special pleasure to serve as Secretary-Treasurer of the Texas Branch. Many hours of rewarding experiences are in my memory, and I want to thank each of you for your support.

Reuben D. Wende

A NOTE FROM THE NEWSLETTER EDITOR

It is with pleasure that I acknowledge my responsibility to the Texas Branch, ASM, for the Newsletter. I deem it a privilege to serve in this capacity and am grateful for the honor of this appointment.

A newsletter that is to reflect the activities of an organization as large numerically and as diffuse geographically as the Texas Branch must necessarily have the support of the membership. I am happy to report that, for this edition, nineteen of thirty invited local reporters contributed. These include:

R. J. Ball	J. E. Grimes	R. P. Pike
E. O. Bennett	R. K. Guthrie	W. F. Verwey
R. K. Bower	J. V. Irons	G. E. Welch
L. Dmochowski	S. S. Kalter	R. D. Wende
A. Elbein	H. E. Lewis	R. P. Williams
W. J. Fahlberg	T. S. Matney	O. Wyss
	W. A. Nolte	

I extend my thanks to all for cooperating in this effort. I am particularly pleased to acknowledge the contributions of Mr. R. J. Ball (for the San Antonio area) and Mrs. Norma Ramsay (writing for R. P. Williams) which have been so carefully and delightfully written.

If you feel that your organization has been neglected, I invite you to join my staff as a local reporter. Won't you correspond?

S. H. Black

O.B. WILLIAMS AWARD

As recorded elsewhere in this Newsletter, the recipient of the O.B. Williams Award at our last meeting was Joseph Lincoln Arceneaux.

"Lincoln Arceneaux, the son of Mr. and Mrs. Ulysse Arceneaux, was born August 13, 1941, in Lafayette, Louisiana; after being graduated from Scott High School in 1959, he entered the University of Southwestern Louisiana and received a B.S. in Bacteriology in 1963. He was recipient of two American Cancer Society Summer Student Fellowships and the USL Academic Scholarship for 3 1/2 years. As an undergraduate he studied the effect of metals and chelating agents on growth of Bacillus subtilis with Dr. R. W. Traxler for three years. He was awarded the Woodrow Wilson Fellowship for 1963-64.

Mr. Arceneaux began his graduate studies with Dr. C.E. Lankford in June, 1963, at the University of Texas at Austin where he has been studying the requirement of an endogenous compound, a schizokinen, for growth and/or division of Bacillus megaterium. He received the Rosalie B. Hite Fellowship for three years and is presently an NIH terminal year pre-doctoral fellow. He was recipient of the Margaret Jane McKinney Lewis Award in Microbiology for 1966 at Texas.

Upon completion of his graduate studies, Mr. Arceneaux will join Dr. N. Sueoka for post-doctoral research at Princeton University."

In response to the award, our Secretary-Treasurer received the following letter:



Dept. of Microbiology
The Univ. of Texas
Austin, Texas 78712

May 8, 1967

Dr. Reuben D. Wende
Dept. of Microbiology
Baylor Univ. College of Medicine
Houston, Texas

Dear Dr. Wende:

I have received the O. B. Williams Award
medallion which you forwarded to me by mail.

I am happy to have been selected for this
award although I feel that other papers were
indeed better than mine. The award will permit
me to remember the warmth of Texas when I leave
Austin this fall to initiate post-doctorate
training with Dr. N. Sueoka at Princeton University.
Dr. Lankford was proud of the award, and to him
I owe thanks and appreciation for his criticism
and understanding. My parents were equally proud.

May I again thank the judges and the Texas
Branch for the beautiful medallion.

Sincerely yours,

A handwritten signature in cursive script that reads 'Lincoln Arceneaux'.

Lincoln Arceneaux

la

MEETINGS

SPRING

MINUTES OF THE BUSINESS MEETING, SPRING 1967, Inn of the Six Flags, April 8, 1967, Arlington, Texas

President Rosenblum called the meeting to order at 11:55 A.M. in the Coronado and Lopez rooms of the Inn of the Six Flags.

Motion: Dr. Fahlberg moved approval of the minutes of the Fall 1966 meeting as published in the Newsletter.

Seconded and Carried.

Dr. Rosenblum reported the resignation of Ralph J. Hervey as Newsletter editor, and that Sam Black, Ph.D., had officially been appointed to replace Mr. Hervey. Dr. Rosenblum stated the publication of the Spring 1967 Newsletter had been the responsibility of the Secretary-Treasurer.

Dr. Harold Lewis reported for the committee on the advancement of Microbiology. Dr. Lewis reminded the members of the Texas Branch that science fairs throughout the State of Texas appeared to be an excellent means for the advancement of microbiology. Dr. Lewis stated he had received response from one Texas Branch member that would be available as a Speakers Bureau from the Texas Branch. Dr. Lewis hoped he would hear from more people who would join the Speakers Bureau. Dr. Lewis reminded the members of Texas Branch that the Certificate of Achievement as presented by the American Society for Microbiology was an excellent way to create interest in microbiology at science fairs.

Dr. Rosenblum announced Dr. W.A. Taber would replace Dr. Staten Wynne as a member of the O.B. Williams Award Committee. Dr. Wynne's term expired at the beginning of 1967.

Dr. Rosenblum appointed Dr. Staten Wynne and Dr. Thomas Matney as a Tally Committee for counting the official ballots for election of Texas Branch officers. The Tally Committee reported the following officers were elected for 1968:

President: Dr. Irving Davis, San Antonio, Texas
Vice-President: Dr. Rufus Guthrie, Denton, Texas
Secretary-Treasurer: Mr. Don Hahn, Austin, Texas
Councilor: Dr. Robert Williams, Houston, Texas
Alternate Councilor: Dr. Thomas Matney, Houston, Texas

The Tally Committee also reported amendments to the Constitution were unanimously approved.

Dr. Rosenblum reflected the great loss to the field of Microbiology due to the death of Dr. Isaac I. Peters.

Dr. Irving Davis reported the Fall meeting of the Texas Branch would be held in Galveston, November 10-11. The motel or hotel for the meeting was to be selected and would appear in the program announcement from the Local Arrangements Committee. Dr. Davis announced the 1968 Spring meeting would be held at Texas A & M University with Dr. W. A. Tabor in charge of local arrangements.

Motion: Dr. Davis moved an expression of gratitude be extended from the Texas Branch to all members of the Local Committee and the exhibitors for making possible a very successful Spring meeting. Dr. Davis listed the following Local Committee members: Dr. Paul Donaldson, Dr. Robert M. Pike, Dr. Donald V. Moore, Dr. Raymond Bower, Dr. Betty Hatten, Dr. John Jagger and others that worked on the Local Arrangements Committee.

Seconded and Carried.

Dr. Rosenblum stated he would represent the Texas Branch at the American Society for Microbiology Meeting in New York, April 30-May 4. Dr. Rosenblum stated he knew Texas would be well represented.

The Secretary-Treasurer reported the following:

469	Regular and student members
61	Delinquent members
25	Sustaining members
51	New members
<u>606</u>	Total membership (New membership record)

The Secretary-Treasurer reported the bank balance of the Texas Branch to be \$488.50 prior to the 1967 Spring meeting.

Dr. Rosenblum reported the Executive Committee had approved 51 new student and regular members with approval of two new sustaining members. The two new sustaining members are:

1. E.I. DuPont de Nemours & Co., Inc., 2438 MacArthur Blvd., Irving, Texas 75060, Attn: William R. McKinnon.
2. Scientific System Corporation, 6453 Choctaw Drive, Baton Rouge, Louisiana 70805, Attn: John S. Forester.

Dr. Rosenblum reported the Executive Committee had approved a scientific session for Friday morning, November 10, at the time of the Fall meeting in Galveston. The decision for a Friday morning session would be left to Dr. Bass, who will be in charge of the local arrangements.

Dr. Rosenblum reported an invitation for the Interscience Conference on Anti-microbial Agents and Chemotherapy to meet in Houston would be delayed until after the meeting of the 1967 American Society for Microbiology. Certain aspects for a meeting of the Interscience Conference would be investigated at the ASM meeting, and the Executive Committee would make the decision concerning an invitation at the Fall meeting in Galveston.

Dr. Rosenblum reported the Executive Committee discussed and approved increasing sustaining membership dues in the Texas Branch from \$25.00 to \$40.00, effective January 1, 1968.

Motion: Dr. Rosenblum moved the dues for sustaining membership in the Texas Branch be increased from \$25.00 to \$40.00, effective January 1, 1968.

Seconded and Carried.

Dr. Davis reported 44 registrations at the Inn of the Six Flags with 112 in attendance at the Buffet Dinner on Friday, April 7. The registration total for the meeting was 186.

Dr. Sam Black reported for the Audit Committee. Dr. Black stated that all business transactions and financial operations of the Texas Branch were found to be in proper order.

Dr. Moore reported 15 sustaining members had exhibit booths at the Spring meeting.

Dr. Rosenblum announced the winner of the O.B. Williams Award was J.L. Arceneaux.

Meeting adjourned at 12:49 P.M.

FALL

Program

Texas Branch, American Society for Microbiology
November 10 and 11, 1967

Galvez Hotel
Moody & Blvd.
Galveston, Texas

Registration

November 10 beginning at 11:30 A.M. in the lobby of the Galvez

Scientific Sessions

November 10 at 1:00 P.M.

November 11 at 8:30 A.M.

Note: Deadline for submission of titles is October 13. Use the form at the back of this Newsletter.

I.M. Lewis Lecture

November 10 at 4:30 P.M.

Lecturer: Dr. Dennis Watson, Department of Microbiology, Medical School, University of Minnesota, Minneapolis.

Subject: "The Ontogeny of the Immune Response".

Smoker

November 10 at 6:30 P.M. in the Galvez Club through the courtesy of Scientific Products

Buffet

Following the Smoker, in the Terrace Room. Registrants are urged to return an advance reservation, and tickets will be sold at the Registration Desk until 1 P.M. on Friday, November 10. Price - \$4.00 (\$2.00 for student).

Business Meeting

November 11 at approximately 11:30 A.M.

Motel Reservations

Approximately 100 rooms will be available at the Galvez for members attending the meeting. Prices are \$10.00 for a single room and \$14.00 for a double room. Application should be made to the Galvez Hotel directly.

Local Committee

Dr. Joe A. Bass, Chairman
Dr. Frank Newman
Dr. John Stanton
Dr. Yoskikazu Watanabe
Mr. Nawfal Izzat
Dr. Willard Verwey

Special Note:

Dr. Dennis Watson will deliver the McLaughlin lecture on Wednesday, November 8, 1967, at 4 P.M. at the University of Texas Medical Branch, Galveston. The subject of his address will be: "The Biology and Chemistry of Gram-negative bacterial endotoxin." All are invited.

POSITIONS

APPOINTMENTS AVAILABLE

Predoctoral

The James W. McLaughlin Fellowship Fund for the Study of Infection and Immunity, The University of Texas Medical Branch, Galveston.

Dr. L. J. Olson, Chairman of the McLaughlin Committee, announces that several predoctoral openings beginning in the Fall of 1968 are anticipated. During the past several years, these fellowships have supported a considerable number of graduate students in Ph.D. programs at Galveston. Students who wish additional information may write Dr. Olson at the above address.

Graduate students interested in Microbial Biochemistry, Bacteria and Fungi, are invited to apply to Texas Technological College for Teaching Assistantships and Predoctoral Fellowships in Microbiology. Students interested in Microbial Ecology are invited to apply for Teaching Assistantships. We hope that research fellowships will be available in this area in the near future.

Postdoctoral

Dr. S. H. Black, Department of Microbiology, Baylor University College of Medicine, Houston, has a postdoctoral position open in the area of cytology. The position will allow a broad experience in microscopic and cytochemical techniques. Qualified individuals are invited to correspond.

Faculty

A National Science Foundation Teaching Fellowship is available at Incarnate Word College, San Antonio. The applicants will be expected to instruct biology. He or she must have a Master's Degree and the intention of working on a Ph.D. Stipend: \$6400 plus \$400 for each dependent. If interested, contact the Biology Department, Incarnate Word College, 4301 Broadway, San Antonio, Texas 78209.

The Biology Department of St. Mary's University has a staff opening for a Ph.D. in botany and plant physiology. Rank and salary are open. If interested, contact John A. Donohoo, S.M., Ph.D., Chairman, Biology Department, St. Mary's University, 2700 Cincinnati Avenue, San Antonio, Texas 78228.

Clinical Laboratory

WANTED -- Young Ph.D. Clinical Microbiologist, Board certified in Public Health and Medical Laboratory Bacteriology, with interest in developing methods of laboratory automation and some familiarity with computers. Position is in 900-bed teaching-research hospital with academic appointment in medical school. Interested applicants should write to Dr. W. J. Fahlberg, Baylor University College of Medicine, Texas Medical Center, Houston, Texas 77025.

SUPPORT OUR SUSTAINING MEMBERS

INSTITUTIONAL ACTIVITIES

AUSTIN

University of Texas, Department of Microbiology

Nineteen new graduate students have presented themselves for graduate work in microbiology on this campus.

The department is bursting at the seams but relief should come about the first of November when we should be able to take over the fourth floor from the zoology department. Their building has been delayed for a few months but we are hopeful that the present deadline will be a solid one. The department of Microbiology will get over 16,000 square feet of usable space bringing our total space to almost 50,000 square feet. We believe this should take care of us for the next three or four years.

As part of the Science Development Program at The University of Texas a new position of Faculty Associate has been instituted. This position will provide a recent postdoctoral who is interested in the area of molecular microbiology with a salary of about \$1,000 a month for eleven months and will provide a substantial sum of money to support his research activities for a period of two years. Such a person would be expected to participate to a very small extent in the teaching operation and he could associate himself with any ongoing program in the department. He would be supplied with space for his independent operations and would be encouraged to get started in an independent activity. It differs from an ordinary postdoctorate in that it is actual training for a university position by permitting the man to pursue his research independently, to teach minimally and to proceed with his research without having to hunt for Federal grants. Successful applications would be first in line for new faculty appointments when their Faculty Associate position is completed.

Texas State Department of Health

Dr. J. V. Irons participated in the recent meeting of the Bronfman Prize committee of the American Public Health Association at New York.

Constance Wollman, a recent Ph.D. at the University of Texas, Austin, is a new employee.

The Serology Division is participating in evaluation of an automated serologic test for syphilis.

Dr. Irons announces that two Laboratory Workshops will be held in October and November, in Austin: October 25-27, Public Health and Medical Parasitology, and November 8-10, Introductory Immunofluorescence. Inquiries are welcome. Write to Dr. J.V. Irons, State Health Department Laboratories, 1100 West 49th Street, Austin.

COLLEGE STATION:

Texas A & M University

The building program at the College of Veterinary Medicine is really in full swing now. We all look forward to the time when we can spread out into space that will become available.

In May Dr. C.F. Hall was a recipient of one of the four Faculty Distinguished Achievement Awards in teaching presented by the Association of Former Students. The award consisted of \$1,000, a gold watch, and a certificate presented to reward, encourage, and recognize superior classroom teachers. Dr. Hall was also recently elected president of the American Association of Avian Pathologists.

Dr. R. W. Moore presented a discussion of swine arthritis and its association to man at the United States-Mexico Border Public Health Association meeting at Houston in June. Dr. Moore and Dr. D.E. Moreman presented equine infectious anemia (EIA) research data at Denver in June to the Morris Animal Foundation which supports research on this disease. Dr. Moore will speak on EIA and mycoplasma infections in swine at the Purdue Veterinary conference.

In connection with EIA research, Dr. D. H. Lewis has completed his Ph.D. in Veterinary Microbiology with a dissertation entitled "The Separation of Disease-Related Components Associated with Equine Infectious Anemia." Dr. D. E. Moreman has completed work for his M.S. degree with a thesis entitled "A Study of the Pathogenesis of Equine Infectious Anemia by Fluorescent Antibody Techniques." Dr. Lewis will remain in this Department and devote time to research on etiology of "bluecomb" disease in poultry and atherosclerosis in swine as related to diet and intestinal microflora. Dr. Moreman is joining Uncle Sam's forces at Walter Reed.

Dr. L.C. Grumbles received the Texas Veterinary Medical Association Research Award at the College of Veterinary Medicine Convocation Award Banquet in August.

New staff members in the Department are Dr. Eldred Keahey, who has come from the Poultry Diagnostic Laboratory in Stephenville, Dr. R. M. Letcher and Dr. Joel Goldman. Promotions in the department were Dr. R. W. Moore to Professor and Dr. Merrill Ranck to Assistant Professor.

Graduate students in the Department include Mr. Bill Thomas and Mr. Don Shult working on Mycoplasma, Mr. R.D. Ellender, who will work on Clostridia, Dr. Fascial Gadir, working on a CF antigen for detection of Theileriosis infections in deer, and Mr. Naqi, working on "bluecomb" disease in poultry.

J. E. Grimes has also completed requirements for the Ph.D. degree. His dissertation was entitled "Antigen Preparation from Ornithosis Agents Grown in Cell Culture." He will remain in the Department and is in charge of diagnostic serology and pullorum testing laboratory.

New graduate students expected this fall are: Dr. E. M. Hines, Dr. Andrew Carron, W. W. Clarke, and D. A. Wilkins.

DENTON

North Texas State University

Dr. Stephen Kester, formerly of Miles Laboratories in Elkhart, Indiana, joined the faculty at North Texas State University in September. Dr. Kester received his Bachelors degree from Penn. State and his Ph.D. from The University of Texas.

Dr. J. B. McBryde of North Texas State University retired at the end of the summer session after forty years of service to North Texas. Dr. McBryde was honored at a reception on August 19 by the Biology Faculty and many of his former students. Dr. McBryde numbers many well known bacteriologists among his former students, including Dr. Riley Housewright, Dr. Phil Manire and Dr. E.M. Foster who have been named outstanding graduates by North Texas State in the past three years. His devotion to teaching will be missed.

New doctoral students in September who will have microbiology as their area of concentration are Bill Nunez from L.S.U. and Bob Abshire from East Texas State.

North Texas has been awarded a traineeship program for Med. Techs. who want to work toward the Masters degree in Microbiology. The traineeship carried a stipend of \$3000 for the first year student, plus tuition, fees and travel allowances. The traineeships have been awarded for this year,

however, applications will be accepted for 1968-69 until June 1968. For further information, interested persons should contact the Program Director, Dr. Rufus K. Guthrie, Biology Department.

The Biology Department moved into the new 72,000 square feet Biology Building in September. The additional teaching and research space is a most welcome change. We will appreciate the opportunity to conduct tours for any of you who visit the Denton area.

Teaching assistantships are available in the Biology Department for both pre-Masters and pre-Doctoral students for the Spring Semester in several areas, including microbiology. Interested persons should contact the Department for additional information.

Dr. R. K. Guthrie was awarded a grant of \$7,000 on July 1 for the first years work on "Passive Transfer of Tuberculin Hypersensitivity" by the American Thoracic Society. A check for the first one-half of the grant was presented to Dr. Guthrie at the July meeting of the Texas Tuberculosis Association in Austin.

Dr. Guthrie attended the meeting of the International Society for Human and Animal Mycology in New Orleans in August. The meetings were excellent and the weather hot.

Dr. Archie Roach spent the last six weeks of the summer on the coast in the Corpus Christi area collecting muds to be researched in his North Texas lab.

DALLAS

Baylor University Medical Center

The big hole in the back yard, the tunnel which shunted Gaston Avenue onto the front lawn of Baylor University Medical Center and much other activity foretell an extension of 200 beds of the Baylor Hospital and of additional space for laboratories in about 18 months. This will mean an additional area of 2400 ft² for laboratories of microbiology.

Dr. Sol Haberman will travel to New York City on September 20 to attend a symposium entitled "Plastics in the Medical Sciences". At this symposium, he will present, on behalf of co-authors: Drs. Wallace L. Guess (University of Texas, Austin), Dighton F. Rowan, Russel O. Bowman and Raymond K. Bower, a paper titled: "Effects of Plastics and Their Additives on Human Serum Proteins, Antibodies and Developing Chick Embryos".

Dr. Wallace L. Guess (University of Texas, Austin), who has collaborated with investigators in the laboratories of Microbiology at the Baylor Medical Center also will present a paper at this symposium titled: "Toxicity Profiles of Vinyl and Polyolefinic Plastics and their Additives." Dr. Sol Haberman is co-author of this paper.

Dr. June Spall was in Chicago, Illinois from June 26 through July 8, attending a summer conference sponsored by the American Association of Immunologists.

Research Contract NIH-PH-43 - 65 - 1046, Supplement No. 4, Division of Biologics Standards, National Institutes of Health, U.S. Public Health Service has been awarded to Dr. Sol Haberman for continued support of the project titled: "Study of the Influence of Various Materials on Human Hemo-Antibodies."

The degree of Master of Science in Microbiology was conferred on Miss Mary Harding Felts and Mr. Joseph Humphries, at the Spring Commencement of the Baylor College of Dentistry at Dallas.

The degree of Master of Science in Microbiology was conferred on Miss Virginia Lynn Thomas at the Campus of Baylor University at Waco, Texas.

The degree of Doctor of Philosophy in Microbiology will be conferred on Mr. Kearby J. Fugate at the Winter Commencement Exercises of Baylor University, Waco. Mr. Fugate begins work for the Food and Drug Administration Laboratory in Dallas on September 11.

Miss Barbara Sanford has been admitted to candidacy for the degree of Doctor of Philosophy, after passing successfully written and oral examinations.

Wedding bells tolled for Miss Mary Harding Felts and Mr. John Luker on September 1. Mrs. Luker is a microbiologist engaged in one phase of work of the Research Contract with the Division of Biologics Standards.

Southwestern Medical School, University of Texas

The department is not quite the same this year without Dr. Paul Donaldson who has gone to Northwestern State College at Natchitoches, Louisiana, as Chairman of Microbiology.

Bob Goldstein received his Ph.D. in June and is now assistant professor of biology at Emory University.

Larry Leonard is completing his Ph.D. work and is scheduled to start a postdoctoral fellowship with Dr. Edwin H. Lennette at the Virus and Rickettsial Disease Laboratory of the California State Department of Public Health in November.

Carol Carsey, who received her masters degree in June is continuing her graduate work toward a Ph.D. at the University of North Carolina Medical School at Chapel Hill.

Two new graduate students have enrolled in the department. Violet Fagan, formerly a research associate in the Department of Internal Medicine, received her M.S. from S.M.U. Woodie Scott comes from Texas Tech. This brings the number of full-time and part-time graduate students to fourteen.

Other new personnel are Shyi Yi Huang, research technician in charge of the electron microscopy lab; Suzanne Kaminski, research associate, who just received her M.A. from the State University of New York at Buffalo; and Ursula Meer, research associate who was formerly associated with Professor Kikuth's Virus Research Program at the University of Dusseldorf.

Dr. Donald Moore and Roy McAnnally participated in the program of the American Society of Parasitology meeting at Tucson, Arizona, in August. At this meeting the parasitologists of the Southwest formed a steering committee to organize the Southwestern Association of Parasitologists with the first meeting expected in the spring of 1968. Dr. Moore is an invited discussant at a conference on the pharmacological and chemotherapeutic properties of niridazole and other antihistosomal compounds sponsored by the New York Academy of Sciences in October.

Dr. Robert Pike gave a report at a Symposium on Cholera, sponsored by the U.S. - Japan Cooperative Medical Science Program, held in Palo Alto, California, in July.

SUPPORT OUR SUSTAINING MEMBERS

GALVESTON

Medical Branch, University of Texas

Dr. G. John Stanton has joined the Department of Microbiology as an Assistant Professor. He received his Ph.D. in 1967 from the University of Utah. James Reitmeyer is a new instructor in the department.

The following individuals received degrees in August:

Ph.D. Dr. Sal J. Salerno, who also received the M.D. degree in June, is now interning at Philadelphia General Hospital.

Dr. Robert R. White, who received a Postdoctoral Resident Research Associateship from Fort Detrick.

Dr. Robert L. Brown, who is now a Postdoctoral Fellow at The University of Texas M.D. Anderson Hospital and Tumor Clinic.

M.A. Carolyn M. Kalsow, now working toward the Ph.D. at The University of Louisville School of Medicine.

William Don Nagle, currently enrolled as a medical student at McGill University School of Medicine.

New graduate students in the department are Sandra Harris, Marian Jenson, Anne Kopecky, George Murillo, Sharon Smith, Charles Stages and Mary Turner. Dr. Vo Dam, a Vietnamese physician, is spending a year in the Department of Microbiology doing postdoctoral study and Dr. Rama Ganguly of Calcutta has been given a Senior Research Training Grant by the WHO for Cholera study under Dr. Y. Watanabe.

As of August 1, Dr. Joseph A. Bass, Professor of Microbiology, joined the Shriners Burns Institute as Chief of the Division of Microbiology.

HOUSTON

Baylor University College of Medicine

News from BUCM in Houston includes much travel, more remodeling and up-dating of facilities, moving of offices and laboratories, and many comings and goings of personnel.

Dr. Vernon Knight traversed all four compass directions in his various capacities as speaker, panelist and member of numerous scientific and medical societies, foundations, national advisory boards and committees. Spliced into his busy schedule from February through April, Dr. Knight spear-headed an NIH-sponsored study to test the potency of four experimental, monovalent Influenza B virus vaccines. Volunteers (125 in all) were enlisted from BUCM medical students, technicians, faculty and secretaries. Our participation in this test program resulted in the "B Massachusetts 3/66" strain's being one of the commercial vaccines for the coming flu season.

The national ASM annual meeting was highly successful judging by the tales of experience in the Great Convention City. One of the best stories concerned such staid, solid microbiologists as Drs. Robert P. Williams, Vernon Knight, Gordon Douglas, Robert Couch, Don Janes (Southern Colorado), Ivan Roth (University of Georgia), Mr. Davis Hawkins (BUCM) and W.H. Curtin's Luther Travis and wife (San Antonio) and Al Anderson. After a leisurely 12-plus-course, authentic Chinese dinner downed with ample sake (sponsored by Mr. K.-C. Chao, BUCM Research Associate), the entire bunch, fortified with emergency bottles of sake, made a pilgrimage from Chinatown to the Staten Island Ferry by subway. This involved at least four stations, as many trains, accompanying turnstiles and multi flights of stairs. Consequently, Dr. Williams proudly holds the distinction of being the only man in known New York City history to negotiate the complexities of subway transportation in a wheel chair.

May 14 through May 28, Dr. Kenneth L. Burdon, our Professor Emeritus of Microbiology, was honored by BUCM's inviting him to exhibit some 28 of his water colors in Rayzor Center. The Center's moveable panel walls were designed to display the artistic talents possessed by many of the Baylor faculty members and personnel, but this was the first time for any such event. The exhibition was opened with a lovely invitational reception for Dr. and Mrs. Burdon, some of those attending coming from out of the city and state.

Dr. Sam Black was noticeably absent during the subway and art "firsts" because he and his family were touring Europe. Mrs. Black's parents are residents of Breda, The Netherlands, and in the Spring with all the tulips, Holland makes a beautiful home base from which to make side-trips to surrounding countries. Upon his return, Dr. Black discovered that he was blessed (or plagued) by E's other than Europe = Edit, Elevation and -Ectomy. He is the newly appointed Editor of this Newsletter; he has been promoted to Associate Professor of Microbiology; and in August, he had to undergo corrective surgery. Congratulations and sympathy are all in order.

Congratulations are also in order for Dr. R. Gordon Douglas who was promoted to Assistant Professor of Microbiology and Medicine.

Dr. Judith H. Marston, who has a joint appointment in Microbiology and Medicine, has been made Head of the Section of Laboratory Teaching in Microbiology and is now officed and labbed completely in the Department of Microbiology. She is doing her usual thorough and most efficient job in her new capacity.

Dr. Willson J. Fahlberg has been appointed Coordinator of the Cardiovascular Research Center. Since March 1, 1967, he has been visiting and studying the administrative and research programs in other institutions, such as the Sloan Kettering Institute in New York and the Cardiovascular Center in San Francisco, in connection with this position.

Mrs. Dorothy Dannis, Microbiology Ph.D. candidate, passed her Orals in February and has been eagerly researching long and hard for all the final data necessary for inclusion in her dissertation. When she has completed her work sometime in September, she will begin a Fellowship with Dr. John Sharp (Medicine) and continue her work with mycoplasma and L-forms.

Microbiology's visitors the past six months have been Dr. Wilton Vannier, Immunology Section of NIAID; Dr. Sheldon Wolff, NIH; and Dr. Michael Gough, University of Michigan. Each of these gentlemen gave excellent seminars and we enjoyed having them with us.

Our Visiting Professor of Microbiology for Spring, 1967, was Dr. Philipp Gerhardt, Professor and Chairman of Microbiology and Public Health at Michigan State University in East Lansing, and Secretary-Treasurer of the ASM. Mrs. Gerhardt accompanied her husband for the week's stay in Houston and Baylorites found these Michiganites to be a most charming and personable couple.

Departures from our midst have been: Dr. Millicent (Mimi) Goldschmidt (to M.D. Anderson to work under Dr. William O. Russell's program); Judy Chesner (to M.D. Anderson); Dr. Clive Roberson, Fellow in Pediatric Allergy

(to set up private practice in West Palm Beach, Florida); Peggy Kleyle, Teaching Assistant for Dr. Marston and who joined us only in June (to Lake Charles, Louisiana, with her husband who was transferred); Margaret O'Neal, Tommie Thompson and Mary Arredondo (proselyted by NASA); K-C. Chao, Dr. Williams' Research Associate for 3 years (to American Oil Company in Chicago, Illinois); and our Summer Trainees: Howard Feinstein (St. Louis University), Susan Ingram (Sarah Lawrence in New York), Sandra McMahan (Tulane), and Claire Miller (UT).

The arrivals make a very impressive list and we extend to each a hearty welcome. Dr. Roger D. Rossen, Instructor in Microbiology and Medicine, and his family arrived in Houston in July from New York's Presbyterian Hospital. Dr. Rossen, a native of Ohio, is a credit to Yale and Western Reserve University School of Medicine and previously worked at the NIAID in Bethesda with Dr. William Butler, now BUCM Assistant Professor of Microbiology and Medicine. Drs. Butler and Rossen will continue their joint research and immunology.

Henry L. (Hank) Simon has become Dr. Marston's technician and is also working on his M.S. in Microbiology at the University of Houston. Mary Anne Stewart, formerly technician for Dr. Black, has returned to that position. Dr. Yoginder K. (Yogi) Bakshi, Ph.D., from A & M and recently a postdoctoral fellow at UCLA, is Dr. Williams' new Research Associate.

We are quite proud of our new Fellow and Graduate Students. Dr. Humberto Guerra, Lima, Peru, joined us in August on a Kellogg Foundation Fellowship and has been accepted for Ph.D. work also. Dr. Guerra already has won many honors as a medical student in Lima and he is most anxious to obtain his Ph.D. before returning to Peru to enter academic medicine.

The two real fledglings are Miss Armead (Chinky) Johnson, graduate of the University of Texas, who has spent the past year in Norway working in a blood bank, and Mr. Lee B. Harrison, recent graduate of Midwestern University in Wichita Falls.

The Spring remodeling of the microbiology departmental offices proved to be such a satisfaction that this Summer the former conference room and adjoining offshoots were completely converted into a Conference Room-Library-Graduate Office complex. A few doors cut here and there, ceilings lowered, shelves installed, concentration of books and journals, and an over-all paint job have accomplished wonders.

Dr. Joseph L. Melnick and his Department of Virology and Epidemiology were well represented at the ASM meeting in New York. Dr. Melnick followed the convention with a lecture at Ft. Detrick, Maryland, and in July he represented BUCM's Virology at the International Comparative Leukemia Research Symposium in Paris, France. Dr. and Mrs. Melnick had the unusual opportunity to visit Israel a few weeks after the "one day war" and their subsequent first-hand travelog on the war-torn area was uniquely interesting.

Dr. Fred Rapp interspersed speaking engagements at the Sloan Kettering Institute for Cancer Research and Cornell University Medical College during the May ASM meeting. Dr. Heather D. Mayor participated in the Gordon Conference on Molecular Pathology in Crystal Mountain, Washington, this Summer.

The Department of Virology had nine Summer Trainees representing BUCM, Baylor in Waco, University of California, UT, U of H, Tulane and Harvard. The last count of Post-graduate Fellows numbered eight, mostly from such exotic locales as the University of Louvain, Buenos Aires, Institute Divi Thomae, and Bombay.

The six graduate students for Ph.D. degree (D. Wark Boucher, M.S., University of Alberta; LeRoy Gaede, M.S., Rensselaer Polytechnic Institute; Bettie Graham, TSU; Mary Ann Jerkofsky, UT; Sandy McGregor, M.S., Oregon State; and Sandra Panzarella, UT) were increased to a grand 15 by the nine expected in September, 1967. These are Beverly B. Deerhake, B.S., Carnegie Inst. Tech. and M.T., Ohio State; Roger Floyd, Trinity University; Martha Jean Jennings, UT; Paul M. Kaplan, UCLA; Carol Jean Kasprzyk, Southwest Texas State College; Sally Beth Shellenberger, Baylor; Linda F. Stooksberry, UT; Clifton S. Whitehead, Utah State University; and Michael B. Grizzard, Austin College.

With these fine groups of new people incorporated into the present faculty, technicians and graduate students, the Departments of Microbiology and Virology are really anticipating a wonderfully busy and productive year of 1967-68 school and research activities.

City Health Department Laboratory

The Houston City Health Department Laboratory has expanded services by the addition of six new personnel. New positions have been created in medical microbiology, virology, clinical chemistry and hematology. These additions bring the total personnel in the Laboratory to 46 and will make possible for more diagnostic services to be performed.

October 23-26, 1967, has been selected for a workshop to be presented in enteric microbiology. Sixteen students for the class have been selected from various hospital and teaching laboratories. Personnel from the Texas State Health Department Laboratories will conduct the workshop. The workshop will be sponsored jointly with Baylor University College of Medicine, Department of Microbiology, and conducted in the Houston City Health Department Laboratory.

Rice University

Dr. Stephen Karakashian, a geneticist working on symbiosis in *Parmecia* joined the Biology Department in September, 1967. He comes from Reed College.

Drs. Alan Elbein and Roger Storck attended the 67th annual meeting of the ASM and presented papers. Mr. H. Terrenzi, a Ph.D. candidate in Dr. Storck's lab, also presented a paper. Dr. Storck also attended the International Congress of Biochemistry in Japan.

Dr. Alan Elbein was recently awarded a Research Career Development Award from the U. S. Public Health Service.

The Rice Biology Department's new wing is nearing completion and should be ready for occupation around November 1, 1967. It will add an additional 16,000 square feet to the existing space.

University of Houston, Department of Biology

There have been several changes in the Department recently. Dr. E.O. Bennett resigned as the newly-re-elected Chairman of the Department to become Associate Dean of the College of Arts and Sciences. Congratulations and best wishes to him in his new work. He continues to be actively engaged in research projects, including a \$96,000 NASA contract.

Dr. Glenn Aumann is hard at work as the new Department Chairman.

Dr. Phil Snider is taking part in a microbial genetics conference in Cambridge, England. He continues his efforts to meet publication deadlines for a new text in genetics.

The Drs. Goldschmidt have recently returned from a trip to South America.

We regret the loss of Dr. Darrell Pratt who accepted the Chairmanship of the Department of Bacteriology, University of Maine.

Dr. Mary Henney has accepted a position with Brown & Root-Northrup working on the Apollo Project. Al Bourquin is also working on that project.

NSF has awarded a two-year Instructional Equipment Grant to Dr. Henry Henney. He is working on the biochemical aspects of growth and differentiation in the Myxomycetes.

Tornabene, Siddiqui, Cutler, Simon and Truby, former graduate students, were elected to the Sigma Xi National Honorary Society.

Beta, Beta, Beta, a National Honor Society for biologists, was initiated recently on campus.

Dr. Charles Truby has joined the staff of the Lunar Receiving Laboratory, NASA. He and Dr. Bennett have several articles in recent numbers of the Journal of Applied Microbiology.

Dr. Tom Tornabene has accepted a post-doctoral position in the Bio-Science Division, National Research Council of Canada, with Professor Kates. He and Dr. Bennett and Dr. Oro have two articles in the August issue of the Journal of Bacteriology.

Dr. Siddiqui has taken a post-doctoral position in the Lawrence Radiation Laboratory, Berkeley.

We are pleased to learn that Mr. Larry Falk, a former graduate student at the University, received First Award from the University of Arkansas Sigma Xi Chapter in a presentation of his work with Proteus vulgaris.

Mr. Harris Lichtenstein has received approval of his PHS Fellowship application.

There is an interesting commentary in the July 1st issue of Nature on two recent J.Mol.Biol. publications of Dr. Richard Cutler with Dr. Evans.

Dr. Evans will be in Chicago September 15 and 16th.

Howard Schnedier, Fred Landa and John Simon have recently completed work for the Masters degree. They will continue at the University of Houston, University of Kansas and L.S.U., respectively.

It was a pleasure for many to see Dr. Glenn Peterson, formerly of the department, at the AIBS meeting at Texas A & M in August.

Plans are being made for the conversion of the Science Building for sole use by the Department of Biology.

Dr. C. L. Keswani, with Dr. Weber, continues work with Rhizopus arrihus and the mode of action of fungicides on protein synthesis in vitro.

Dr. Weber spent three weeks in the Biotechnology Training Program, NASA, at Wallop Island, Virginia.

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

New additions to the Department of Biology, The University of Texas M.D. Anderson Hospital and Tumor Institute at Houston, Texas, are:

1. Dr. J. Thomas Tidwell, Postdoctoral Fellow from Rockefeller University, New York, New York
2. Dr. Gerd Maul, Postdoctoral Fellow from The University of Texas at Austin

New graduate students to be entering The University of Texas Graduate School of Biomedical Sciences at Houston this Fall Semester are:

1. Captain Peter Gray from the University of Delaware
2. Mr. Miles Mace from the University of Connecticut
3. Mr. Bruce Dishman from Arizona State
4. Mr. Gerald Tritz from Colorado State

Dr. C. O. Doudney terminated his staff membership from M.D. Anderson on September 1, 1967, to Head the Department of Genetics, Albert Einstein Medical Center, Philadelphia, Pennsylvania.

Dr. A. A. Van Soestenberg terminated staff membership with M.D. Anderson Hospital and Tumor Institute to affiliate with Ohio State University.

Dr. Roman Pienta has been appointed Acting Chief of the Unit in Microbiology, Research Clinical Pathology, M.D. Anderson Hospital and Tumor Institute.

Dr. Millicent Goldschmidt joined the Unit in Microbiology, Research Clinical Pathology, M.D. Anderson Hospital and Tumor Institute.

Mr. Marion L. (Buddy) Dodson, Jr., Predoctoral Fellow in Biology, was awarded a National Institutes of Health Predoctoral Fellowship.

Dr. Manley Mandel gave a Symposium lecture to the combined meeting of the American Phytopathological Society and the Neurotology Society of America in Washington, D.C., on August 21, 1967, entitled "DNA Base Compositions and Evidences for Phylogenetic Relations."

Dr. Leon Dmochowski continues to be one of the most traveled members of the branch. Since the spring meeting he has journeyed to New York for the ASM annual meeting, Bethesda for the Electron Microscopists Committee on the Special Virus Leukemia Program, Rye, N.Y., for a conference on Acute Leukemia in Burkitt's Tumor, Paris for the IIIrd International Symposium on Comparative Leukemia Research, and Amsterdam for a conference on Mammary Tumor Virus.

Dr. James M. Bowen has been appointed Associate Member of the University of Texas Graduate School of Biomedical Sciences Graduate Faculty; Dr. Sven Gard from Stockholm, Sweden, has joined the Virology Department as a visiting professor; Dr. Koshi Maruyama has been appointed Assistant Virologist and Assistant Professor of Virology; and Dr. Susumu is serving as a Project Investigator. Two members of the Departmental staff have recently left: Dr. J.A. Espmark to head the Department of Virology in the Bacteriological Institute of Stockholm, Sweden, and Dr. Ayten Cangir to become Professor of Pediatrics in the Medical School in Ankara, Turkey.

Dr. Bill Newton is beginning a research program in the molecular virology laboratory. He will study pink eye viral protein synthesis by biochemical and immunoelectron microscopic methods.

University of Texas Dental Branch

Dr. Wm. A. Nolte has just completed the manuscript for the book titled SYNOPSIS OF ORAL MICROBIOLOGY to be published by The C.V. Mosby Company, St. Louis, Missouri, within the coming school year.

The Dental School will begin classes this year teaching both Freshmen and Sophomore students on an integrated teaching program. This program was initiated last year for the Freshmen class only. Comments from the students indicate that they favor this method of instruction over the conventional type.

The course Microbiology, as well as other basic science courses, will be spread through 4 years of teaching rather than the conventional 1 year. Clinic sciences will follow as close to this pattern as is feasible.

The Freshmen student is brought into the clinic under this plan at the end of the 1st quarter, whereas, following the conventional curriculum, the dental student enters the clinic at the beginning of the Junior year.

The closer integration of subject matter achieved by this program affords the teacher an opportunity, especially basic science teachers, to demonstrate more directly the roll of their subject in the dental curriculum. Therefore, it helps to better motivate the student.

LUBBOCK

Texas Technological College

A new microbiologist has been added to our staff: Dr. Robert W. Gordon. Dr. Gordon comes to us from the University of Georgia, and will work in the field of Microbial Ecology.

Dr. Lyle C. Kuhnley has attended the AEC radioisotopes course at Oak Ridge, Tennessee this summer.

Dr. Harold L. Lewis has been promoted to the rank of Associate Professor.

New graduate students in Microbiology: Mr. James C. Ramsey, Mr. Robert Humphries, Mr. Eugene Estes, Miss Linda Esenwein and Mrs. Constance Beck.

SAN ANGELO

Angelo State College

Mrs. Wilma Dierkson, microbiologist at the Shannon West Texas Hospital, has recently completed workshops on enteric pathogens and in mycology. She is presently planning on attending a workshop on fluorescent antibody technique in November at the State Health Department. Shannon Hospital is planning on adding this diagnostic aid to their regular procedures.

Gordan E. Welch has just joined the Department of Biology. The Department will move into a new Science building in the Spring with very adequate facilities for microbiology.

SAN ANTONIO

Greetings from the city of the Alamo! The skyline of old San Antonio certainly is changing these days. As you approach the city, the HemisFair's Tower of the Americas stands as the tallest structure. It's height is presently 594 feet.

Enough of this civic chit-chat. Let's get down to the business at hand.

Incarnate Word College

The Texas Academy of Science awarded a grant to Miss Nelda Craig, an I.W.C. student, for a study she is conducting on the relation between Corynebacterium diphtheriae and rheumatoid arthritis.

Sisters Joseph Marie and Mary Lucy attended the A.I.B.S. at Texas A & M in August ... I.W.C.'s Science Hall is being renovated, air conditioned, and enlarged. Tentative completion date is January 1, 1968.

Pearl Brewing Co.

The Pearl Brewing Co. (one of our sustaining members) has a \$3 million expansion program under way. Included in this project will be more cellar space for fermentation units ... The Judson Candy Co. was recently purchased by Pearl and all of the microbiological work for Judson's is being done at the Pearl labs.

St. Mary's University

St. Mary's University Biology Department will begin its fall semester in the new \$1,400,000 W.L. Moody, Jr. Life Sciences Building. This three-story brick structure of Texas colonial design is one of ten new buildings on the St. Mary's campus to be ready for use in September. The Life Sciences Building will include two large carpeted lecture-type auditoria, lecture halls, student research laboratories, and offices. A large greenhouse has been completed just north of the Life Sciences Building.

Dr. W. C. Wiser, Professor of Genetics, spent a week at the University of Utah in June as a consultant in a research project concerning the inheritance of epilepsy.

School of Aerospace Medicine

The Microbiology Section has been honored by the following visitors: Dr. G.W. Klontz, D.V.M., Immunopathologist, Western Fish Disease Laboratory, Seattle, Washington; Mr. R.A. Warriner, III, first prize winner at the 1967 International Science Fair; Charles E. Meyers, Captain, D.C., USN., and Mr. James D. Gillmore, Naval Medical Research Institute, Bethesda, Maryland.

Here is some good news: Miss Carmen Garcia completed all requirements and thesis for a Master of Science Degree, Trinity University. Three cheers for Carmen!

We have a new personage at SAM. He is Dr. George S. Tulloch, recently of the Arctic Aeromedical Laboratory. His field is Parasitology and he has been assigned to the Anatomic Pathology Section. Welcome to the School, Dr. Tulloch!

Mrs. Iowa Marable received the Outstanding Achievement Award for alumni of Augustana College, Rock Island, Illinois. Congratulations, Iowa!

Somewhat belatedly, we would like to announce the honors bestowed upon Dr. Davis, our President-Elect. First is his promotion to the rank of Lt. Colonel, and second, his appointment during January of this year as Chief of the Biosciences Branch at the U.S. Air Force School of Aerospace Medicine. The Biosciences Branch includes the Physiological Chemistry Section, Anatomic Pathology Section, and the Microbiology Section, the latter having been closely associated with the Texas Branch for many years. A new arrival to the research staff of the Biosciences Branch is Lt. Gary Chamness. He hails from the University of California at Berkeley and anticipates conference of the Ph.D. degree in December. Lt. Chamness' research background is in biochemistry and molecular biology. Another research officer recently associated with the Biosciences Branch is Captain James Gunter. Captain Gunter has completed his didactic requirements for the Ph.D. degree at the Department of Bacteriology, University of Florida at Gainesville. He has started his thesis research in the Biosciences Branch with Dr. Davis as his co-advisor.

Colonel Irving Davis was elected Chairman of the Bioenvironmental Engineering and Sciences Branch of the Aerospace Medical Association for 1967-68. Dr. Davis jokingly said that his first official act will be to shorten the title.

For some time, the School, in conjunction with Texas A & M University, has been conducting a graduate study program leading to a Master's degree in Laboratory Animal Medicine. The Infectious Processes Unit, whose Chief is Dr. Jerome P. Schmidt, has been instrumental in the awarding of Master's degrees to four D.V.M.'s. Some course work and all the research work is done at the School. Dr. Schmidt was the advisor to the four participants.

Surgical Research Unit

Colonel Lindburg attended a meeting of the American Association of Immunologists at Lake Forest College, Lake Forest, Illinois, in June and July. Lectures were presented on recent advances and current progress in immunology. Meanwhile, back at the ranch, research continues on methods of therapy for burn patients.

Southwest Medical School

Dr. F.C. Pannill, Dean of the Medical School, reports that the Medical Building and the 500-bed Teaching-hospital are 80% complete. Tentative completion date is Spring 1968. Upon completion, the facilities will be open for inspection and interested persons are cordially invited.

The faculty of the School is also in the formative stage. Dean Pannill, therefore, is interested in contacting persons for the position of head of the Microbiology Department. Applicants must have a strong background in academic microbiology and be able to apply microbiology to medical practice. Degrees are of no concern. Instead, emphasis is placed on the individual. Persons interested please contact Dr. F. C. Pannill, 715 Stadium Drive, San Antonio, Texas 78212.

Trinity University

Things have been rather quiet at Trinity this summer. One bit of information has been gleaned though -- while no positions are presently available, the Biology Department is interested in contacting persons for future consideration. For further information, write to Dr. Tom Sergeant, Biology Department, Trinity University, San Antonio, Texas 78212.

Wilford Hall Hospital

Mrs. Fern McCleskey has just returned to the grind from an illness. Welcome back! The Microbiology Branch has a new lab officer -- Captain Weddington. He replaced Captain Witzell who is now in Vietnam. Captain Witzell writes that carpentry is a necessity for a microbiologist in Vietnam -- you have to build your lab before you can work.

Southwest Foundation for Research and Education

The new buildings previously reported as being under construction were completed and occupied the first part of the year. This extra space has allowed us to greatly expand our staff.

Dr. Richard L. Heberling was appointed as Acting Chairman of the Department of Virology in July, 1967. Dr. Heberling was formerly with the National Cancer Institute.

Dr. Raymond T. Damian joined the staff as Immunologist effective September, 1967. Dr. Damian came from Emory University. He will activate the Department of Immunology.

Dr. Julian Feild was appointed Research Associate to Dr. H.L. Hurlbut in charge of the production of reference arbovirus reagents. Mr. Feild came from the Texas State Department of Health in Austin.

Dr. C.S. Kim, originally designated as a Research Associate in the Department of Virology, has now been appointed as Pathologist - Electron Microscopist.

In addition to the above mentioned professionals, we have added approximately 15 technicians to our staff. We would like to indicate that because of the expansion program we have in effect, we now have openings for additional laboratory technicians and professionals.

Several of our staff have traveled extensively during the past year. Dr. S.S. Kalter attended the Symposium on Biology and Pathology of Monkeys, Studies of Human Diseases in Experiments on Monkeys held in Sukhumi, Russia. Just recently he attended both the 18th World Veterinary Congress and the Third International Symposium on Comparative Leukemia Research meetings in Paris, France. Dr. A.K. Eugster joined Dr. Kalter for the Veterinary Congress where they both presented papers.

Another field trip to Kenya, Africa is being planned for the early part of next year. This trip will be in cooperation with the Kenya government, and trapping and sampling will take place at three sites, including Tree Tops.

Dr. Kalter is to chair a session at the New York Academy of Sciences Conference on Experimental Medicine and Surgery in Primates the latter part of September.

In conjunction with the WHO designation of the laboratory as the Simian Virus Reference Laboratory, the National Institutes of Health has named this laboratory to be the Reference Center for Simian Viruses. This entails (1) a serological survey of various nonhuman primate sera; (2) isolation of viruses from throat swabs and stool specimens supplied us by various laboratories; and (3) characterization of viruses isolated in other laboratories as well as those isolated here prior to submission to the American Type Culture Collection. Letters have been sent out to various investigators using primates outlining this program. Anyone interested in acquiring further information may contact Dr. Kalter.

Dr. R.E. Kuntz, Department of Parasitology, was recently awarded a grant by the National Institutes of Health for a study of Schistosomiasis. I. Biology of *Schistosoma haematobium*.

MEMBERS

NEW MEMBERS IN 1967

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NOTE: DEADLINE FOR SUBMISSION OF TITLES IS OCTOBER 13

Fall Meeting

Texas Branch, ASM

Galveston, November 10 and 11

Scientific Session Presentation

Author(s) _____

Title of paper _____

Person giving paper _____

() Check if this person is a student

Name of Institution _____

Address of Institution _____

Type of projection equipment needed _____

Banquet Reservation

Please reserve _____ place(s) for the undersigned for the Fall Meeting Banquet to be held Friday evening, November 10, 1967.

Name

Return to: Dr. Joe A. Bass, Department of Bacteriology, University of Texas
Medical Branch, Galveston, Texas 77550.