Papers of Felix L. Haas, Ph.D.

Manuscript Collection No. 27 of the

John P. McGovern Historical Collections and Research Center Houston Academy of Medicine - Texas Medical Center Library 1133 John Freeman Blvd. Houston, Texas 77030

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I. Introduction

Dr. Felix L. Haas is a man of many talents. He has devoted his life to biomedical research and the establishment of institutions and programs that foster scientific research and scholarship.

His leadership is credited with elevating the status of the Department of Biology of the University of Texas System Cancer Center, M.D. Anderson Hospital and Tumor Institute to one of world-renown. Under his direction (1956-1975), the Department of Biology successfully attracted and retained a distinguished staff. His administrative skills and leadership were in high demand at M.D. Anderson Hospital. Dr. Haas played a vital role in coordinating the research program of the hospital. He also assisted in the establishment and organization of the Center's Annual Symposium on Fundamental Cancer Research.

Dr. Haas was a key figure in the founding of the University of Texas Graduate School of Biomedical Sciences at Houston. He worked tirelessly on behalf of UT SCC, M.D. Anderson Hospital and Tumor Institute and UT GSBS at Houston with the University of Texas System Board in Austin.

This fine collection illustrates how instrumental Dr. Haas' knowledge, skill and dedication were in the growth and development of many fine programs and projects in the Texas Medical Center. The strength of the collection lies in the tremendous volume of documents concerning the UT SCC, M.D. Anderson Hospital and Tumor Institute and UT GSBS at Houston. Unique to the collection are the audio tapes (reel and cassette) that have documented the beginnings of the UT GSBS at Houston. Researchers studying these two institutions will find the Haas Papers invaluable. Also, those researching the University of Texas System and its connection to institutions in the Texas Medical Center will find insightful administrative documentation in this collection. Scientists in the fields of biology, genetics and oncology may find the original notebooks of experiments, data sheets, reprints and grant reports enlightening.

In the summer of 1982, the Director of the Historical Research Center approached Dr. Haas about his historically rich collection. Dr. Haas graciously donated his papers to the Harris County Medical Archives the following year.

The collection is open for research. Individuals interested in using the collection should contact the Archivist.

II. Biography

Dr. Felix Levere Haas was born on October 26, 1917 in Alvin texas, the oldest son of three children. The Alvin native entered the University of Texas at Austin in 1939. His studies were interrupted with the onset of World War II. Felix L. Haas enlisted in the United States Army Air Corps. He received aviation training from January 5, 1942 - September 5, 1942.

As a navigator he led numerous combat missions with the 13th Air Force over the South Pacific. He served until February 22, 1946 and was promoted to the rank of Captain.

In June of 1947, Felix L. Haas received his Bachelor of Arts degree in Genetics and Bacteriology from U.T. He was awarded the Rosalie B. Hite Predoctoral Fellowship and continued to study for his Masters of Arts. Drs. Wilson S. Stone and Orville Wyss were pleased to have Felix L. Haas as their research fellow. While experimenting he made an important discovery in the genetics of micro-organisms. He found that irradiation of the growth medium resulted in genetic mutations in bacteria when they were grown in it. In short, a biochemical basis must be present to produce mutations.

Felix L. Haas continued his research earning his M.A. in August of 1948. That same year he met Cathryn E. Swausch. The young Miss Swausch was Dr. Wyss' laboratory assistant. They worked closely together for the next 2 years and were married on January 21, 1950. By June, Dr. Haas received his doctorate in Biochemistry and Biology.

The Haas couple left the University of Texas at Austin for the California Institute of Technology, where Dr. Haas accepted a one year (1950-1951) postdoctoral fellowship in Genetics from the Eli Lilly Company. At the Institute he worked with Drs. George Beadle and Herschell Mitchell. The following year he was awarded a USPHS Postdoctoral Fellowship at the California Institute of Technology. With the outbreak of the Korean War Dr. Haas was recalled to active military duty. As a result he had to decline the fellowship.

Upon his return to Texas, Dr. Wilson Stone arranged for him an indefinite delay in the reactivation orders. He also made it possible for Dr. Haas to work as a research scientist for the Atomic Energy Commission. He conducted his research on the campus of the University of Texas at Austin and the Old Baker Estate in Houston (M.D. Anderson Hospital). Professor Stone and Dr. Haas worked closely until March of 1953.

The Bristol Laboratories Inc. of Syracuse, New York offered him the position of Senior Microbiologist. In his three years (1953-1956) with Bristol Laboratories he directed research on: improving by genetic mutations mold strains (Penicillium) used for the commercial production of penicillin; developing the Actinomycete strains which led to the production of tetracycline by fermentation (this production method and strain are currently responsible for the largest part of the world's supply of tetracycline). Dr. Haas also taught graduate students at the University of Syracuse. As an Associate Professor of Genetics he taught Genetics and Radiation Biology.

Dr. and Mrs. Haas and their three young sons left Syracuse, New York in May of 1956 and returned to Houston. The M.D. Anderson Hospital and Tumor Institute appointed him head of the Department of Biology (1956-1975). His responsibilities included recruitment of faculty, formulating research and teaching policies, long-range planning and investigating funding sources.

From 1973 to 1975 Dr. Haas also served as Assistant to the Director of Research at M.D. Anderson Hospital.

Dr. Haas resigned as head of the Department of Biology in 1975 to assume the full duties of coordinating the research program of the hospital. He supervised and directed the Office of Research and served as advisor to the director and president on all matters concerning research at M.D. Anderson Hospital. In 1979 he accepted the position of staff assistant to the president.

On approval of the Board of Regents, the request for establishment of the UT GSBS was presented to the Texas Legislature, and was passed in Spring 1963. Governor John Connally signed the bill into law on June 10, 1963. By action of the Board of Regents the authorized school was established on September 28,1963.

Dr. Haas was a key figure in the founding of UT GSBS at Houston. He served as an important member of many special and standing GSBS Committees.

Between UT SCC, M.D. Anderson Hospital and Tumor Institute and UT GSBS at Houston Dr. Haas was an active member of nearly twenty committees. They include: Education; Curriculum; Committee on Graduate Studies; Dean's Administrative Committee; Faculty Classification Committee. Virtually, every year since 1949, Dr. Haas has been a principal participant in national and international symposia and conferences. He has written forty three articles and nineteen abstracts. Dr. Haas lists memberships in the following professional and scientific societies: American Association for the Advancement of Science, American Society of Microbiology, Genetics Society of America, American Academy of Microbiology, American Institute of Biological Sciences, Radiation Research Society, American Association for Cancer Research, American Genetic Association. He has been honored by Phi Theta Kappa, Sigma Xi, listed in Who's Who in the South and Southwest and American Men of Science.

Dr. Felix L. Haas' leadership, knowledge and skill have touched and enriched the lives of many. His dedication was essential to the success of established and new programs organized by UT SCC, M.D. Anderson Hospital and Tumor Institute and UT GSBS at Houston. Dr. Haas retired in 1981 to enjoy his love of art, music, and spend time with his wife, Cathryn and their three sons, Michael, Stephen and Larry.

III. Organization

The Felix L. Haas Collection has been arranged alphabetically and chronologically where applicable. Where possible the initial organization was retained.

Dr. Haas donated a large number of journals and books. From the group of publications, ones that he wrote or that cite his research were kept with the collection. Select materials

were identified for integration into the Library's collection. Likewise, some institutional publications were redistributed to the institutional collections in the Archive. Duplicates of reports and reprints already in the collection or in existing institutional collections were discarded.

Thirteen photographs were removed and placed in the Historical Research Center Photograph Collection. The majority of the photographs from this collection correspond to articles or lectures. For continuity, they were left with the respective reprints, manuscripts or typescripts.

The Haas Collection is divided into thirteen series

- I. Biographical
- II. Medical Reprints and Typescripts
- III. Research Notes and Papers
- IV. Grant Materials
- V. Wellness Programs
- VI. Argonne
- VII. University of Texas System Cancer Center, M.D. Anderson Hospital and Tumor Institute
- VIII. University of Texas Graduate School of Biomedical Sciences at Houston
- IX. University of Texas and Other Universities
- X. Reel to Reel Tapes
- XI. Cassette Tapes
- XII. Publications
- XIII. Artifacts and Memorabilia
- I. Biographical 2 Boxes

This series contains biographical documents such as curriculum vitae, personal correspondence, material on his three sons, letters of appointments and honors (e.g. Who's Who in the South and Southwest, Leaders in American Science, National Register of Science and Technology Personnel) items associated with non-medical groups, political interests (letter from President Richard M. Nixon), will, and certificates. This small series reveals some of Dr. Haas' personality.

II. Medical Reprints and Typescripts 2 Boxes

The abstracts, extracts, offprints, reprints and typescripts are arranged alphabetically by the author's last name. They reflect the subjects Dr. Haas was interested in researching. Included are articles written by Dr. Haas and many reprints signed by the author to Dr. Haas.

III. Research Notes and Papers 17 Boxes

This large series traces the beginning of Dr. Haas' career as a scientist. Included are his University of Texas at Austin thesis and dissertation. There are also a number of experiment notebooks that document his research at the Genetics Foundation of the University of Texas, Bristol Laboratories, UT SCC, M.D. Anderson Hospital and Tumor Institute and UT GSBS at Houston. The notebooks are arranged in date order and each folder has the number of pages, date, title of the experiment and any specific log numbers. Included are handwritten notes, lectures, speeches and papers from colleagues.

IV. Grant Materials 9 Boxes

This series contains applications, guidelines, budgetary reports, correspondence, forms, preliminary and final reports. The requests were sent to a number of institutions (NCI, NIH, NSF) by Texas Medical Center Institutions and others for funding. Dr. Haas was awarded two grants from NCI and two from NSF. Included are descriptions of approved and disapproved projects. Some files are restricted because they contain evaluations of specific programs and experiments.

V. Wellness Programs 1 Box

This very small series has documents on stress, environment, diet, time management and life style evaluation. Included are materials from institutions with Wellness programs offering analysis and solutions.

VI. Argonne 3 Boxes

This series contains materials on the operations of the Argonne Laboratories, Argonne, Illinois from the 1960's to 1970's. Yearbooks, annual reports, division reports, seminar listings, charts, conference materials, development reports, scientific publications.

VII. University of Texas System Cancer Center, M.D. Anderson Hospital and Tumor Institute 26 Boxes

Series VII is the largest series in the Felix L. Haas Collection. Included are correspondence, calendars, rosters, administrative reports, minutes, course outlines, memos, budgetary reports, committee reports and evaluations, research and teaching policies and programs of the Department of Biology (May, 1956-October, 1975), clippings, reports and publications issued by the Office of Research. This series has a nine page set of floor plans for the M.D. Anderson building. The evaluations on projects, faculty, staff and students are in this series.

VIII. University of Texas Graduate School of Biomedical Sciences 17 Boxes

This series contains correspondence, course descriptions, student and faculty files, committee reports, symposia, conference and seminars programs curriculum, orientation material, rosters, funding requests, Board of Regents documentation, pending and completed experiments. The evaluations of faculty, students, staff and projects are included.

IX. University of Texas and Other Universities 1 Box

Course descriptions, program requirements, catalogs and correspondence make-up this series. Major Texas colleges offering programs in the hard sciences are represented.

X. Reel to Reel Tapes 7 Boxes

These seven boxes of tapes document the early history of UT GSBS at Houston. Recorded are minutes from committee meetings. More details concerning the tapes are given further in the guide.

XI. Cassette Tapes 10 Boxes

Recorded here are lectures, seminars, conference programs. The lectures are from courses given by UT GSBS faculty. The cassette tapes are described in greater detail in the following pages.

XII. Publications 1 Box

This series has several publications by or citing Dr. Haas. A complete list is included in this guide.

XIII. Artifacts and Memorabilia 1 Box

This series holds two unusual pieces. A whimsical golf award and an attractive set of stamps issued by the United Nations.

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Folder 4 C-V and Biographical Information

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Folder 6 Gulf Universities Research Consortium

Folder 7 LOST in flood

Folder 8 Haas, Lawrence W.

Folder 9 Haas, Michael R.

Folder 10 Haas, Michael R.

Folder 11 Hovas, Thomas G.

Folder 12 Humor

Folder 13 Haas, Land Tract

Folder 14 Property

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Folder 16 Personal Records

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Folder 18 Latarjet, Raymond

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Folder 20 Robert A. Welch Foundation

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Folder 196 Davis, B.D.

Folder 197 Dulbecco, R.

Folder 198 Ephrussi, Boris

Folder 199 "Experiments involving y, Sn³, and bb^{DP}..."

Folder 200 Fahmy, O.G.

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Folder 2 Analysis of Ultraviolet-Light Induced Mutagenesis by DNA Transformation in Bacilices Subtilis

Folders 3-4 Biomedical Events Involved in Radiation-Induced Mutation in Bacteria. F.L. Haas

Folder 5 Biomedical Research and Education in Texas. Texas Philosophical Society. Austin Dec.4-5, 1964

Folder 6-7 Cancer as viewed by a Biologist. Part I-II. F.L. Haas Oncology Lecture Course 1/26/1963

Folder 8 Cancer Genetics/Reprints. F.L. Haas

Folder 9 Current Concepts in Human Genetics. F.L. Haas

Folder 10 Current Concepts in the Biology of Cancer. F. L. Haas Lecture presented at a meeting of the New England Cancer

Society, M.D. Anderson Hospital, 12/1/1961

Folder 11 Effects of Preirradiation and Postirradiation Cellular Synthetic Events on Mutation.

Folder 12 Electrokinetics & Cell Physiology. II. The Relationship of Surface Change. Jensen & Haas

Folder 13 Electrokinetics & Cell Physiology. I. An Experimental Basis for Electrokinetic Cell Studies. Jensen & Haas.

Folder 14 General Cellular Effects of Radiation and Effects on Mitosis. F.L. Haas

Box 2 Lectures and Papers

Folder 15 Genetics Replication and Carcinogenesis. Haas and Doudney

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Folder 24 Mutation Frequency Response of Irradiated Bacteria to a Second Radiation Exposure. T. Kada

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Folders 26-27 Papers presented by F.L. Haas (Each folder labeled with presentation information)

Folder 28 Photoreactivation and photoreversal. F.L. Haas

Folder 29 Some Biochemical Factors in X-Ray Induced Mutation in Bacteria. Kada, Doudney and Haas

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Folder 110 Limitations of Atomic Physics as Applied to Biology

Folders 111-112 Bacterial Physiology

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Folder 120 Laboratory Outline for Selected Methods in Bacterial Genetics. Biological Laboratory.

Cold Springs Harbor, New York

Folder 121 "Neurospora Histidine Biosynthesis Research Reading and Equipment Notes", Notebook, 1951

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and Genetic Recombination". University of Texas, August, 1948.

Book 184 Haas, F.L.-Ph.D. Dissertation

"Induced Mutations to Bacteriophage Resistance in Escherichia Coli". University of Texas, June, 1950.

Book 185 Fernandez, Bernal - M.A. Thesis

"Induced Host Range Mutation in Bacteriophage." University of Texas, January 1953.

Book 186 Fraser, Clara Jane - M.A. Thesis

"Efficacy of Dichlorvos in the Control of Murine Acariasis". Texas A & M University, December, 1971.

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Folder 91 National Cancer Advisory Board Site Visit Guide Book (Draft)

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Folder 155 Fundamental Cancer Research Symposium 1956-1959

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Folder 163 Graduate Research Training Registration Graduate Training Program in Biology

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Folder 177 Howe, Clifton D.

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Folder 212 Model Information System for Clinical Research
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Folder 213 National Cancer Act and SB 988

Folder 214 National Cancer Advisory Board-General

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- Folder 215 National Academy of Sciences-National Research Council Symposium. Nov. 28-Dec. 2, 1960.
- Folder 216 National Cancer Advisory Board. Frederich Cancer Research
- Folder 217 National Cancer Institute
- Folder 218 National Health Planning and Development Act
- Folder 219 National Institute of General Medical Sciences
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Folders 226-228 National Large Bowel Cancer Project
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Folder 232 Notes on Postdoctoral Trainees and Fellows

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Folder 286 Recombinant DNA Review Subcommittee, 1977

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Folder 333 Sognier, Marguerite

Folder 334 The Society of the Sigma Xi

Folder 335 Stallings, Raymond L.

Folder 336 Smoking Cessation Clinic

Folder 337 Stone Award 1980 Committee

Folder 338 Stone, Wilson S.

Folder 339 Stark, Richard

Folder 340 Student: Alsup, Patrick S.-Predoctoral-Ca 5047 9/14/1964-11/12/1964*

Folder 341 Student: Bencomo, Jose-Predoctoral Fellow in Physics*

Folder 342 Student: Berkley, Lawrence-Graduate Student Employee Physics

Folder 343 Student: Bobonis, Chefin Maria-Graduate Student Employee Biology*

Box 23 (* = Contact archivist prior to use)

- Folder 344 Student: Brown, David, Graduate Student Employee Developmental Therapeutics*
- Folder 345 Student: Bucci, Luke, Graduate Student Employee Radiotherapy*
- Folder 346 Student: Cheung, Mei Chi, Graduate Student Employee Surgery*
- Folder 347 Student: Cowart, Ronald W., Graduate Student Employee Physics*
- Folder 348 Student: Dahle, Marcia E., Graduate Student Employee Physics*
- Folder 349 Student: Dohanich, Francis, Postdoctoral Fellow Nuclear Medicine*
- Folder 350 Student: Drwinga, Helen, Graduate Student Employee Biology*
- Folder 351 Student: Fitzgerald, Douglas T., Predoctoral Fellow in Biochemistry.Sc.Park-Res.Div.*
- Folder 352 Student: Glenney, John R., Predoctoral Fellow in Biochemistry.Sc.Park-Res.Div.*
- Folder 353 Student: Graef, Paul, Predoctoral Fellow in Molecular Carcinogenesis & Virology*
- Folder 354 Student: Grage, Henry, Predoctoral Fellow in Biochemistry*
- Folder 355 Student: Greenspan, Jeffrey, Graduate Student Employee Biology*
- Folder 356 Student: Hanks, Stephen K., Predoctoral Fellow in Developmental Therapeutics*
- Folder 357 Student: Harless, Julie, Predoctoral Fellow in Biology*
- Folder 358 Student: Harper, John R., Predoctoral Fellow in Biochemistry*
- Folder 359 Student: Harris, Bruce A., Predoctoral Fellow in Developmental Therapeutics*
- Folder 360 Student: Henkel, Richard, Premaster Fellow in Nuclear Medicine*
- Folder 361 Student: Horn, Jacqueline P., Predoctoral Fellow in Biology*

Folder 362 Student: Jenkins, Susan Fletcher, Graduate Student Employee Physics* Folder 363 Student: Jenkins, Timothy, Graduate Student Employee Physics* Folder 364 Student: Jovonovich, Jean, Graduate Student Employee Radiotherapy* Folder 365 Student: Kidd, Vincent Postdoctoral Fellow in Biochemistry* Folder 366 Student: Kirby, Thomas H. Postdoctoral Fellow in Physics* Folder 367 Student: Kopchick, John Predoctoral Fellow in Biology* Folder 368 Student: Kuo, Wen-Lin Predoctoral Fellow in Biology* Folder 369 Student: Kuttesch, John Jr. Predoctoral Fellow in Pediatrics Folder 370 Student: Lazarre, Charles Premaster Fellow in Nuclear Medicine Folder 371 Student: Ledbetter, David H. Predoctoral Fellow in Biology* Folder 372 Student: Leventon, George Predoctoral Fellow in Oral Pathology* Folder 373 Student: Levinton, Alexander Predoctoral Fellow in Pediatrics* Folder 374 Student: Lin, Hsin-Li Graduate Student Employee Developmental Therapeutics* Folder 375 Student: Lyons, Deidre D. Predoctoral Fellow in Biology* Folder 376 Student: Mahagaokar, Suneeta U. Predoctoral Fellow in Biochemistry* Folder 377 Student: Mahood, Stephen Premaster Fellow in Medical Physics* Folder 378 Student: Marles, Amparo Predoctoral Fellow in Medical Physics* Folder 379 Student: Maxwell, Beth Graduate Student Employee Biology* Folder 380 Student: McNeill, Carol A. Graduate Student Employee Biology* Folder 381 Student: Mills, Michael D. Graduate Student Employee Physics* Folder 382 Student: Mintz, Carol J. Predoctoral Fellow in Biochemistry on Leave as of 2/80*

Box 24 (* = Contact archivist prior to use)

Folder 383 Student: Mitchell, David Graduate Student Employee Biochemistry-Sc.Park.Res.Div.*

Folder 384 Student: Mohr, Mark D. Predoctoral Fellow in Virology*

Folder 385 Student: Morizot, Donald Graduate Employee Biology*

Folder 386 Student: Nash, Michael A. Predoctoral Fellow in Virology*

Folder 387 Student: Newmeister, Rick Premaster Fellow in Nuclear Medicine*

Folder 388 Student: Ng, Valerie Predoctoral Fellow in Biology*

Folder 389 Smith, Bruce L.R. and Karlesky*, Joseph J. "The State of Academic Science The Universities in the Nation's Research Effort"

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Folder 392 Symposium on Fundamental Cancer Research

Folder 393 Ten Year Historical Synopsis of Research Training at the UTSCC and 10th Anniversary of Service

Folder 394 10th International Cancer Congress Program May 22-29, 1970

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- Folder 54 Committee on Graduate Studies. Proceedings-1966-1967
- Folder 55 Committee on Graduate Study
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Folder 200 Tutorial Laboratory Descriptions. Summaries of ongoing faculty research projects available to students. 880

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Series IX University of Texas and Other Universities

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Folder 5 University of Texas Computation Center Symposium Aug. 20-24, 1962

Folder 6 University of Texas Graduate School

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Folder 10 University of Texas at Dallas Annual Report of the Division of Biology 1971-1972

Folder 11 University of Texas at Houston. Dept. of Biomathematics Biomathematics Institutional Grant Applications 1967

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Series X Reel to Reel Tapes

Monday, Feb. 8, 1965 3:00 p.m.

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Reel 1 Executive Subcommittee Meeting No. 1
621 GSB Committee on Graduate Studies-Mon. Aug. 9, 1965 Hermann Prof. Bldg. Conf. Rm. 6,

Reel 2 Committee on Graduate Studies- Mon. Nov. 8, 1965
 621 Collier Hall-Executive Subcommittee 2:00 Open Session 3:00

Reel 3 Meeting of the Committee on Graduate Studies
 The University of Texas Graduate School of Biomedical Sciences at Houston-

Hermann Prof. Bldg. Conf. Rm. 6- Rough completed 2/18/65

Reel 4 Regular Meeting-The University of Texas Graduate School of Biomedical Sciences at Houston Committee on Graduate Studies-Friday, January 7, 1966. Dr. Haas, Chairman Rm. 212 (Seminar Room) Hermann Prof. Bldg.

Reel 5 Regular Meeting-The University of Texas Graduate School
 of Biomedical Sciences at Houston-Committee on Graduate
 Studies-Monday, May 10, 1965-Herman Prof. Bldg., Garage
 Conference Room 6, Dr. Felix Haas, Chairman

Reel 6 Special Meeting-Committee on Graduate Studies-GSBS-Wed.,

Mar. 24, 1965 1:30 p.m. Hermann Prof. Garage Bldg. Conf. Rm. 6 Recorded at 15/16-non-edited Summary Remarks.

Distributed at Regular meeting of Committee on April 2, 1965. Dr. Paul WeissDean Presenting Program he has proposed to

Board of Regents and for Discussion by the Graduate Comm. of GSBS-Felix Haas, Pres. Presiding.

Box 2

Reel 7 Regular Meeting Comm. on Graduate Studies. GSBS, Mon. Sept. 13, 1965, 2:00 p.m. Hermann Prof. Bldg., Collier Hall, Dr. Haas, Chairman

Reel 8 Regular Meeting, Comm. on Graduate Studies, Mon., July 12, 1965,621 Collier Hall, Hermann Prof. Bldg.

Reel 9 Committee on Graduate Studies, Conf. Rm. #6, June 14, 1965 621

Reel 10 Regular Meeting-University of Texas GSBS-Comm. on Graduate 621 Studies, Mon. Aug. 16, 1965, Collier Hall, Hermann Prof. Bldg., Dr. Haas, Chairman.

Reel 11 Regular Meeting-The U. of T. Grad. School of Biomedical Sciences 621 Comm. on Grad. Studies-Fri., Dec. 3, 1965-Election of new chairman, Dr. Haas Presiding Chairman,

Rm. 212 (Seminar Room), Hermann Prof. Bldg.-And a special Meeting, Fri., Dec. 10, 1965. Run off election--Haas & Shalek.

Reel 12 Regular Meeting-Comm. on Grad. Studies-Graduate School of 621 Biomedical Sciences at Houston, Mon., Oct. 11, 1965, Hermann Prof. Bldg., and Special Meeting of Oct. 12, 1965.

Box 3

Reel 13 Special Meeting of the Committee on Grad. Studies of the Grad.
621 School of B. S. at Houston, Wed., Feb. 17, 1965, Hermann Prof. Bldg. Conf.
Rm.6.-

To discuss GSBS first year's core Program-Rough draft finished on 9/16/65

Reel 14 Special Meeting-Comm. on Grad. Studies-The U of T Grad School of B.S. at Houston, Fri., Nov. 19, 1965, 3:00 p.m., Collier Hall, Nom. Meeting for Chairman of the Committee

Reel 15 Meetings of the Committee on Grad. Studies of the G.S.B.S.

of Houston-Mon., Mar. 8, 1965--Hermann Prof. Garage Bldg., Conf. Rm. 6, 3:00 p.m., Dr. Haas, Chairman. I. Progress Report

from Dean Weiss; II. Appt. of Subcommittes; III Admission Comm. Report; IV Nom. for membership, Dr. Cady, Dr. Balton;

V Program Qualifying Exams; VI Unfinished Business, Dr. Hurlbetts motion. Rough draft completed 4/13/65

Reel 16 Regular Meeting-Comm. on Grad. Studies-Fri., April 2, 1965 Rough Draft compl. 4/1965.

Reel 17 Side 1-Cellular Basics of Medicine Gelsco Lecture No. VII 10/15/71 Lecturer: Bodey, Application of Cell Mechanism of Bacteria to Clinical Medicine

Box 4

Reel 1 Meeting preceded by Meeting of Graduate Faculty-Meeting of the 651 Committee on Graduate Studies, the U of T Grad. School of B.S. at Houston, Fri., Dec. 6, 1963-

Agenda: discuss document submitted by Admission and Degree Requirements"-consider proposed new grad. courses

submitted by Biology & Physics.

Reel 2 Meeting of the Committee on Grad. Studies-The U of T G.S.B.S.
at Houston, Grad. Studies Div. Education Conf. Rm., Mon. Feb. 17 1964 2:00
p.m. Dr. Felix L. Haas, Chairman

Reel 3 Meeting of the Committee on Grad. Studies-The U of T. G.S.B.S.
651 at Houston, Mon., March 30, 1964, Dept. of Biology's Conf. Rm. Hermann Prof.
Garage Bldg.

Reel 4 Comm. on Grad. Studies- Fri., Aug. 28, 1964, 2:00 p.m. Hermann 651 Prof. Bldg. Conf. Rm. 6. Typed 9/17/64.

- Reel 5 Meeting of the Comm. on Grad. Studies-Grad. School B.S.-Fri.,July 17, 1964, H.B. Conf. Rm. Typed.
- Reel 6 Minutes, Comm. on Grad. Studies-Grad. School B.S.-3:00 p.m. Mon., 651 12/14/64, Hermann Prof. Bldg., Conf. Rm. 6, Dr. Haas, Chairman. Rough draft comp. 3/17/65.

Box 5

- Reel 7 5th Meeting of the Subcommittee to consider criteria for Tenure: 651 Tues., 3/17/64, 3:00 p.m., Dr. Copeland's Conf. Rm.
- Reel 8 Meeting of the Comm. on Grad. Studies-The U. of T. G.S.B.S. of 651 Houston-Mon., Jan. 11, 1965. Hermann Prof. Garage Bldg. Conf. Rm. 6, 3:00 p.m., Dr. Haas, Chairman. Rough draft comp. 2/5/65. 96.
- Reel 9 Comm. on Grad. Studies G.S.B.S. at Houston Emergency Meeting.
 Mon., 10/5/64 to consider Graduate Assembly Meeting in Austin same day-Hermann Prof. Bldg. Conf. Rm., 10/6/64. Meeting to review Grad. Assembly Meeting.
- Reel 10 Meeting of Comm. on Grad. Studies-The Univ. of Texas Grad. School of B.S. at Houston. Tues., Apr. 7, 1964. H.B. Conf. Rm.-Typed.
- Reel 11 Comm. on Graduate Studies-Grad. School of B.S.-Tues., Nov. 10, 1964, 2:00 p.m.-Hermann Prof. Bldg. Conf. Rm. 6- Rough typed. Comp. 4/7/65.
- Reel 12 Emergency Meeting-Comm. on Grad. Studies-Grad. School of B.S., 1:30 p.m. Wed., 1/13/65, Hermann Prof. Bldg. Garage Conf. Rm., Dr. Haas, Chairman. Rough draft comp. 7/28/65.
- Reel 13 Meeting of the Committee on Graduate Studies-The Univ. of Tex.
 651 Grad. School of B.S. at Huston. Fri., May 22, 1964. Hermann Prof. Bldg.
 Conf. Rm. 6, 3:00 p.m.

Recorded at 17/8 Dr. Felix L. Haas, Chairman. Agenda: Approved Grad. Courses. Status of Members & Assoc;

Agenda for Dr. Paul Weiss' visit; other.

Reel 1 The Cellular Basis of Medicine

661 <u>Side 1:</u> Lecture XXI: The Roles of Hormones and Growth. Factors in Cellular Differentiation. Lecturer: D. Wright 11/20/71.

Lecture XXII: Stability of Determination Differentiation-Wright 11/27/71. Lecture XXIII: Fundamental Aspects of Viroby and Cell InfectionLect.

Veronelli, 11/23/71.

<u>Side 2:</u> Lecture XXIV: The Cancer Cell-Lect.: Knudson, 11/23/71 Lecture XXV: Molecular & Cellular Pharmacology-Lect.: T.L. Loo 11/29/71

Reel 2 The Cellular Basis of Medicine II

661 <u>Side 1:</u> Lecture IX: Philpot-Cell Surface and Electrolyte Transport 10/22/71 Lecture X: Stubblefield-Structure & Function of Cystoplastic Organelles 10/27/71

<u>Side II:</u> Lecture XI: Stubblefield-Structure and Function of Nuclear Organelles 10/30/71

Lecture XII-Stubblefield-The Cell Cycle 11/3/71

Reel 3 The Cellular Basis of Medicine II

661 <u>Side 1:</u> Lecture V: R. Jensen-Metabolic Pathways 10/13/71 Lecture VI: J. Suit-Function and Synth. of Genetic DNA in Prokaryotes 10/13/71

Lecture VII: J. Bodey-Application of Cellular Mechanisms of Bact. to Clinical Med., 10/15/71

Side II: Lecture VII- 2nd 1/2 Dr. Bodey 10/15/71 Lecture VIII-Brinkley Walborg-Cellular Membranes 10/18/71

Reel 4 The Cellular Basis of Medicine IV

661 Lecture XIII & XIV-Brinkley-Mitosis & Meiosis-Chromosome Structure 11/6/71

Lecture XV: Humphrey-Effects of Ionizing Radiation on the Cell 11/10/71 Lecture XVI: Human Cytogenetics-Dr. M. Shaw 11/12/71 Lecture XVII: Gametogenesis & Fertilization-

Dr. A. Steinberger 11/13/71 in part) (see tape V for complete lecture)

Reel 5 The Cellular Basis of Medicine V

661 Side 1 Lecture XVII: Gametogenesis & Fertilization-Dr. Steinberg 11/13/71 Lecture XVIII Gastrulation & Organization of the Primary Embryonic Axis-Dr. Wright 11/17/71

<u>Side 2</u> Lecture XIX: Nuclear-Cytoplasmic Interaction in Early Development-Dr. Wright 11/19/71.

Lecture XX: Cellular & Tissue Interactions in Morphogenesis-Dr. Wright 11/20/71.

Reel 6 The Cellular Basis of Medicine

661 <u>Side 1</u> Lecture I- A. Knudson-The Cell-A Holistic Concept 10/6/71 Lecture II-M. Manuel-The Procaryotic Organisms 10/7/71 <u>Side II</u> Lecture III-T. Matney-Procaryotic Genetics 10/8/71 Lecture IV-T. Matney

Box 7

Reel 1 Curriculum Comm. Meeting, #4, Fri. Aug. 23, 1963, Education Conf. 111 Rm., (Side 2 empty).

Reel 2 3rd Curriculum Comm. Meeting, Mon., 8/19/63, 7th Floor Conf.Rm. 111

Reel 3 5th Meeting of the Curriculum Comm. of the Grad. School of B.S.111 Mon. 8/26/63 Education Conf. Rm. Side 2 recorded before.

Reel 4 MITCHELL Watergate Testimony-Second day testimony, Wed., 290 July, 11, 1973.

Reel 5 Felix Lectures 200

Series XI Cassette Tapes

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Topic: Brazilian Conference 6/12/1978 3 tapes 6/15/1978 6 tapes

Box 2

Topic: Brazilian Conferenc e 6/14/1971 4 tapes 6/15/1971 4 tapes

Topic: Unlabelled 1 reel to reel tape Damaged with no case

Box 3

Topic: Bio Chem Lectures

I 6/14/1971 - II 6/16/1971 1 tape

III 6/18/1971 - IV 6/21/1971 1 tape

V 6/23/1971 VI 6/25/1971 1 tape

VII 6/28/1971 - VIII 6/30/1971 1 tape

IX 7/2/1971 - X 7/12/1971 1 tape

XIII 7/14/1971 - XIV 7/16/1971 1 tape

XV 7/19/1971- A&B 1 tape

XV 7/19/1971 A&B 1 tape

XVI 7/20/1971 - XVII 7/21/1971 1 tape

XVI 7/20/1971 - XVII 7/21/1971 1 tape

Box 4

Topic: Bio Chem Lectures

XVII 7/20/1971 - XVII 7/21/1971 1 tape X

VII 7/20/1971 - XVIII 7/22/1971 1 tape

MX 7/23/1971 - XX 7/23/1971 1 tape

XIX 7/23/1971 - XX 7/23/1971 1 tape

XXI 7/26/1971 - XXII 7/26/1971 1 tape

XXI 7/26/1971 - XXII 7/26/1971 1 tape

XXII 7/26/1971 - XXIII 7/27/1971 1 tape

XXIV 7/28/1971 - XXV 7/29/1971 1 tape

XXIV 7/28/1971 - XXV 7/29/1971 1 tape

XXVI 7/30/1971 - XXVII 8/2/1971 1 tape

XXVIII 8/3/1971 - XXIX 8/4/1971 1 tape

Box 5

Topic: Bio Chem Lectures

XVIII 8/3/1971 - XXIX 8/4/1971 1 tape

XXX 8/5/1971 - XXXI 8/6/1971 1 tape

XXXII 8/9/1971 - XXXII 8/9/1971 1 tape

XXXIV 8/10/1971 - XXXV 8/11/1971 1 tape

XXXVIII 8/16/1971 - XXXVIII 8/16/1971 1 tape

XXXIX 8/17/1971 - XXXX 8/18/1971 1 tape

XXXXI 8/19/1971 - XXXXII 8/20/1971 1 tape

Box 6

Topic: Cellular Basis of Medicine Lectures

III 10/8/1971 1 tape

IV 10/11/1971 1 tape

XVI 11/12/1971 - XVI 11/12/1971 1 tape

XVI 11/12/1971 - XVI 11/12/1971 1 tape

XXI 11/20/1971 - XXI 11/20/1971 1 tape

XXII 11/22/1971 - XXII 11/22/1971 1 tape

XXII 11/23/1971 - XXIII 11/23/1971 2 tapes

Topic: Cellular Basis of Medicine Lectures

XXV 11/29/1971 - XXV 11/29/1971 1 tape

XXVII 12/3/1971 2 tapes

XXVIII 12/4/1971 1 tape

XXIX 12/6/1971 - XXIV 12/6/1971 2 tapes

XXX 12/8/1971 - XXX 12/8/1971 2 tapes

Box 8

Topic: Topic: Cell Biology Lecture

Part I 11/16/1971 XIII 1 tape

Part II 11/16/1971 XIII 1 tape

Topic: Cell Biology Virology and Cell Infection

11/23/1971 1 tape

Topics:

- 1. Worry and Apprehension 1 tape
- 2. Essay on Worry and 2nd Part 1st Annual Faculty Club Meeting (no case) 1 tape
- 3. Tape 2 1 tape
- 4. Tape 3 1 tape
- 5. Norelco 200 Not Labelled 1 tape
- 6. Scotch IRC 60 Not Labelled 1 tape
- 7. Sony DC 60 Not Labelled 1 tape
- 8. N/A DC 60 Not Labelled 1 tape

9. Dictaphone Not Labelled 1 tape

Box 9

Topics:

- 1. ABA 1 tape
- 2. Moore Friday #5 1 tape
- 3. Moore Friday # 1 1 tape
- 4. SC Conference 10-130-1976 3 tapes
- 5. Academic Tenure Tape 5 1 tape 6.

Academic Tenure Tape 1 1 tape

- 7. Academic Tenure History Tape 3 1 tape
- 8. AVA ANL Symposium 1 tape
- 9. AVA-ANL Biol. Comm. 1970 1 tape Chairman's Report

Box 10

Topics:

- 1. Biol. Comm. Mtg. #1,8/29/1971 No Case 1 tape
- 2. Cell Biol. Curriculum Biol. Comm. III No Case 1 tape
- 3. 1st Stone Award Palmer 1 tape
- 4. Fed. Proceedings Chapter II Basic Biomedicine No Case 1 tape
- 5. Educational Environment Panel Report to GME Nat. Adv. Comm. No Case 1 tape
- 6. Environmental Biology 2 No Case 1 tape
- 7. Task Force Comm. 15/30/79 No Case 1 tape (Dr. Van Eys)
- 8. Dictation for Lecture on Outlooks for Higher Education 1 tape

- 9. Medical Genetics I History of Genetics Physical Basis of Inheritance No Case 1 tape
- 10. EETP Report #3 No Case 1 tape
- 11. FCC Meeting 1/9/1975 Tape 1 No Case 1 tape
- 12. Fallas-CPC #1 (5/5/1980)Side 1 1 tape
- 13. Dr. Haas-Stone Award 1 tape
- 14. Mitchel Test #2 7/11/1973 1 tape

Series XII Publications

Box 1

Titles:

Book 1 Cancer Management. 1968 (includes an article by Dr. Haas)

Book 2 Cancer can be caused by immunization/by Ryosuke Yokota, M.D. 1957. (Dr. Yokota sent to Dr. Haas. Letter enclosed)

Book 3 Studies in the genetics of drosphilia. No. 5422, VIII Nov. 15, 1954. (includes an article by Dr. Haas)

Book 4 Genetic cytology/by T.C. Hsu. (given to Dr. Haas by Dr. Hsu of UTSCC M.D. Anderson Hospital and Tumor Institute

Book 5 Annual Review of Microbiology. Vol. IV 1950 (Dr. Haas cited four times)

Book 6 Use of Computers in Medicine Recruitment of Able Students for Careers in Medicine and Space Medicine. 1960

Book 7 Genetics Biological Individuality and Cancer. Lane Medical Lectures/ by Clarence C. Little. Vol. VII 1954 (includes a page of handwritten notes by Dr. Haas)

Series XIII. Artifacts and Memorabilia

Box 1

Folder 1 Poster Golfer of the Year Award October 27, 1976

Folder 2 Stamps U.N. 2 Stamps First Day of Issue "Fight Cancer" May 22, 1977

Description of Reel to Reel Tapes

- 1. Ampex 621 1/4 in. x 900 ft./1 mil. acetate
- 2. Gelso 1/2 MY (Italian Product)

- 3. Ampex 651 1/4 in. x 1200 ft. tensilized/1/2 mil. mylar
- 4. Ampex 651 1/4 in. x 1800 ft. /.5 mil. polyester
- 5. Scotch 111 1/4 in. x 600 ft./1.5 mil. acetate 5" reel
- 6. Scotch 290 1/2 in. x 1800 ft./.5 mil. tensilized polyester backing
- 7. Scotch 200 1/4 in. x 1200 ft./.5 mil. tensilized polyester backing 6.35 mm x 36 m

Description of Cassette Tapes

Norelco, Sony, Dictaphone, Scotch--Brand Names 90, 60, 30, 20 minutes--Playing Times

Abbreviations used in the Guide

- 1. AHA- American Hospital Association
- 2. Cent.- Center
- 3. Cmt., Commt.- Committee
- 4. Dept.- Department
- 5. Div.- Division
- 6. HEW- United States Department of Health Education and Welfare
- 7. Lab.- Laboratory
- 8. NCI- National Cancer Institute

- 9. NIH- National Institutes of Health
- 10. NSF- National Science Foundation
- 11. Res.- Research
- 12. Sc.- Science
- 13. U or Univ- University
- 14. USPHS- United States Public Health Service
- 15. UTGSBS- University of Texas Graduate School of Biomedical Sciences at Houston
- 16. UTSCC- University of Texas System Cancer, M.D. Anderson Hospital and Tumor Institute

Index

Academies and Institutes

American Academy of Microbiology

American Association for Cancer Research

American Association for the Advancement of Science

American Genetic Association

American Hospital Association

American Institute of Biological Sciences

American Society for Microbiology

Argonne Laboratories (Argonne, Ill.)
Biology

Clark, Randolph L., 1906

Genetics

Haas, Cathryn E.

Haas, Felix, Levere, 1917

Haas, Lawrence Woods, 1954

Haas, Michael Rudolph, 1950

Haas, Stephen Carl, 1952

Hospitals, Special

Le Maistre, Charles A., 1924

Microbiology

National Cancer Institute

National Institute of Health

National Science Foundation

Phi Theta Kappa

Research

Rice University (Houston, Tex.)

Sigma Xi

Taylor, H. Grant, 1903

Texas A & M University

Texas Medical Center

United States. Department of Health, Education and Welfare

United States. Public Health Service

University of Houston

University of Texas at Austin

University of Texas Graduate School of Biomedical Sciences at Houston

University of Texas Health Science Center at Houston

University of Texas Dental Branch at Houston

University of Texas Medical Branch at Galveston

University of Texas Medical School at Houston

University of Texas Postgraduate School of Medicine

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