



Tatum (Edward Lawrie) papers

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Rockefeller Archive Center

15 Dayton Avenue

Sleepy Hollow 10591

archive@rockarch.org

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Summary Information

| | |
|----------------------------------|--|
| Repository: | Rockefeller Archive Center |
| Creator - aut: | Tatum, Edward Lawrie |
| Source: | Rockefeller University |
| Title: | Edward Lawrie Tatum papers, Rockefeller University Faculty |
| ID: | FA133 |
| Date [inclusive]: | 1936-1975 |
| Physical Description: | 25 Cubic Feet |
| Physical Description: | 63 boxes, 3 bound volumes, 3 Packages and 2 Film reels |
| Language of the Material: | English |

Preferred Citation

Information regarding the Rockefeller Archive Center's preferred elements and forms of citation can be found at <http://www.rockarch.org/research/citations.php>

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Biographical/Historical note

Edward Lawrie Tatum, 1909-1975, a biochemical geneticist, Member and Professor at the Rockefeller University from 1957 until his death in 1975. His field of research was the study of the genetics and metabolism of bacteria, yeast and molds. His research was aimed at a clear understanding of how genes determine, at the molecular level, the characteristics of living organisms. His special interests were the nutrition and metabolism of insects and microorganisms and the biochemistry and genetics of microorganisms. Some of his most significant research results were: identification of thiamine as a growth factor for propionic acid bacteria (with H.G. Wood); isolation and identification of kynurenine as an eye-color hormone in *Drosophila* (with G.W. Beadle); discovery of biochemical mutations in *Neurospora* (with G.W. Beadle); biochemical mutations in bacteria; gene recombination in *Escherichia coli* (with J.S. Lederberg); biosynthesis of tryptophan (with D.M. Bonner).

In 1958 he shared the Nobel prize in medicine and physiology with G.W. Beadle and J. Lederberg for their contributions in biochemical genetics.

| Biographical Note | |
|--|---|
| 1909 | Born December 14 Boulder, Colorado |
| 1925-1927 | Attended the University of Chicago |
| 1931 | A.B. (Chemistry) University of Wisconsin |
| 1932 | M.S. (Microbiology) University of Wisconsin |
| 1934 | Ph. D (Biochemistry) University of Wisconsin (under E.B. Fred and W.H. Peterson) |
| 1934-1936 | Research assistant in chemistry and bacteriology, University of Wisconsin |
| 1936-1937 | General Education Board Fellow in bacteriological chemistry, University of Utrecht, Holland |
| 1937-1941 | Research associate in biology, Stanford University |
| 1941-1945 | Assistant professor of biology, Stanford University |
| 1945-1946 | Associate professor of botany, Yale University |
| 1946-1948 | Professor of microbiology, Yale University |
| 1948-1956 | Professor of biology, Stanford University |
| 1956-1957 | Professor and Head, Department of biochemistry, Stanford University |
| 1957-1975 | Member and Professor at RU (formerly RI) |
| 1975 | Died November 5 New York City |
| Awards, lectureships and honors | |
| 1946 | Herter lectureship, New York University |

| | |
|------|---|
| 1953 | Remsen award of the American Chemical Society |
| 1958 | Nobel prize in medicine and physiology shared with G.W. Beadle and J. Lederberg |

| Honorary degrees | |
|------------------|--------------------------|
| 1963 | Gustav Adolphus College |
| 1964 | Rutgers University |
| 1964 | University of Wisconsin |
| 1965 | University of Notre Dame |
| 1965 | Trinity College |
| 1968 | Yeshiva University |
| 1971 | Northwestern University |

Member of: American Association for the Advancement of Science, American Chemical Society, American Philosophical Society, American Society of Biological Chemists, Botanical Society of America, Genetics Society, National Academy of Sciences (Elected to in 1952), New York Academy of Sciences, Harvey Society (President 1964-1965), Sigma Xi

RU Committees Faculty committee on lectures, Faculty committee to review policies and practices regarding faculty appointments and promotions, Biological sciences committee (Chairman 1968-1969), Honorary degree committee, Faculty committees involving students

Scientific committees, etc. American Cancer Society, Research advisory board, City of Hope Medical Center, Scientific advisory panel, Cold Spring Harbor Laboratory of Quantitative Biology, Bd. of Trustees (Chairman), Jackson Memorial Laboratory, Board of scientific consultants, Merck and Co., Consultant in microbiology, National Institutes of Health, Genetics study section (Chairman), National Foundation for Infantile Paralysis (becomes National Foundation) : Committee on virus research and epidemiology; Committee on research fellowships, National Research Council: Committee on growth, Genetics panel (Chairman); Merck fellowship board; Biology council, National Science Foundation: National Science Board; Regulatory biology panel, Research for Prevention of Blindness, Scientific advisory panel, Rutgers University, Institute of microbiology, Scientific advisory committee Scientists' Institute for Public Information: Chairman of the board and President of the executive committee Sloan-Kettering Institute for Cancer Research, Board of scientific consultants

Editorial responsibilities comprise Annual reviews, Assistant managing editor, *Biochimica et biophysica acta*, editorial board, Genetics, editorial board, *Journal of biological chemistry*, editorial board, *Science*, editorial board, *Scientific monthly*, editorial board, *Frontiers of Biology*, co-editor with A. Neuberger, *Perspectives in biology and medicine*, advisory board

Family Note 1934 married June Alton (divorced November 1956) , Children: Miss Barbara Tatum, Mill Valley, California; Mrs. Margaret Easter, Palo Alto, California, Three grandchildren, 1956 married Viola Kantrowitz (died April 1974), 1975 married Elsie Bergland, Sister: Mrs. Bessie Rasmussen, Santa Monica, California, Brother: Dr. Howard J. Tatum, Associate medical director, Population Council

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Scope and Contents

Types of records include: biographical material, correspondence, subject files, meeting minutes, reports, manuscript material, laboratory notes, slides, negatives, film, photographs, and reprints.

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File Plan note

Former Classification: I 450 T189

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Administrative Information

Publication Statement

Rockefeller Archive Center

15 Dayton Avenue

Sleepy Hollow 10591

archive@rockarch.org

URL: <http://www.rockarch.org>

Revision Description

Paper finding aid converted to EAD/XML by AureXus in 2010. Imported into the Archvists' Toolkit by Becky Robbins. 10 August 2010

Immediate Source of Acquisition note

The papers of Edward Lawrie Tatum were deposited with the Rockefeller University Archives on July 31, 1976 by Barbara Tatum and Margaret Easter.

Conditions Governing Access note

Open for research. Brittle or damaged items are available at the discretion of RAC. Researchers interested in accessing digital media (floppy disks, CDs, DVDs, etc.) or audiovisual material (audio cassettes, VHS, etc.) in this collection must use an access surrogate. The original items may not be accessed because of preservation concerns. To request an access surrogate be made, or if you are unsure if there is an access surrogate, please contact an archivist.

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Controlled Access Headings

- Genetics
- Yeast
- Molds (Fungi)
- Bacteria
- Physiology
- Medical research
- Medical sciences
- Medicine, Preventive
- Biology -- Research
- Cell and biomolecular sciences
- Biochemistry
- Rockefeller University
- Rockefeller Institute for Medical Research

Collection Inventory

Biographical material

Scope and Contents note

Consists of biographical sketches; bibliography; personal correspondence; obituary material; committee memberships; theses; photographs; news clippings; fan mail; memorabilia; awards; honorary degrees; Nobel prize and related items and political and social involvements.

Title/Description**Instances**

Biographical sketches, 1954-1979

box 1

folder 1

Scope and Contents note

Consists mainly of biographical sketches to fulfill requests of various organizations and publications. Also includes 1954 biographical sketch of Arthur L. Tatum (E.L. Tatum's father); 1977 and 1979 biographical sketches by Joshua Lederberg; an undated poem "A genetic code-or-a melan coli tale" by D.E. Nicholson.

Bibliography, 1932-1976

box 1

folder 2

Scope and Contents note

Prepared for Table of Contents in bound volumes in RU Archives.

Personal correspondence, 1957-1975

box 1

folder 3

Scope and Contents note

Consists of correspondence and membership certificates on election to various societies; statements on career development; offers of positions particularly an exchange with Kingman Brewster of Yale; housing problems; history of RU service (listing of position, laboratory, salaries).

Special correspondents: Walter Bauer, Waldo R. Flinn (handwritten), Stanford Moore, C.B. Van Niel (handwritten), George Palade (?) (handwritten), yton Rous (handwritten), Victor Twitty, Maurice Wilkins (handwritten).

Correspondence with daughters, 1955-1960

box 1

folder 4

Scope and Contents note

Correspondence with and about daughters Margaret and Barbara.

Correspondence - George W. Beadle, 1949 undated 1964 1966 1967

box 1

folder 5

Scope and Contents note

Miscellaneous correspondence from and concerning George Beadle.

Obituary material, 1975

| | | |
|--|-------|-----------|
| Scope and Contents note | box 1 | folder 6 |
| Correspondence includes RU announcement; New York Times obituary; News and Notes 1975 November and December articles; announcement of 1975 Dec 11 RU memorial service and photocopies of contributions to E.L. Tatum postdoctoral fellowship fund. | | |
| RU memorial service tape, 1975 December 11 | box 1 | folder 7 |
| Scope and Contents note | | |
| Includes speakers: George W. Beadle, J.P. Cobb, D.R. Goddard, R. Meader, E. Reich, C.A. Williams. | | |
| Committee memberships | box 1 | folder 8 |
| Scope and Contents note | | |
| A listing prepared in Dr. Tatum's office but not quite accurate. | | |
| Theses, 1931-1934 | box 1 | folder 9 |
| Scope and Contents note | | |
| Copies of theses for A.B. 1931; M.S. 1932; Ph. D 1934 granted at the University of Wisconsin. | | |
| Photographs, circa 1958-1973 | box 1 | folder 10 |
| Scope and Contents note | | |
| Includes some scientific photographs. Identified where possible. | | |
| Assorted photographs of E.L. Tatum; some of others. | | |
| Album of newsclipping, 1959-1973 | box 1 | folder 11 |
| Scope and Contents note | | |
| Newspaper articles concerning E.L. Tatum. | | |
| Fan mail, 1965-1975 | box 1 | folder 12 |
| Scope and Contents note | | |
| Primarily requests for photographs of E.L. Tatum; some requests for scientific information and copies of addresses. | | |
| Memorabilia | box 1 | folder 13 |

Scope and Contents note

American Airlines certificate; birthday and other card.

Amateur Chamber Music Players

box 1

folder 14

Scope and Contents note

Includes printed material about Amateur Chamber Players.

Correspondence indicates E.L. Tatum attempts to establish woodwind ensemble and willingness of some RI staff to join.

Awards; honorary degrees; and Nobel prize and related items

Arrangement note

Arranged in approximate chronological order.

Awards and honorary degrees

E.L. Tatum receives University of Wisconsin Man of the Year award, 1959 February 24-1964 June

box 2

folder 1

Scope and Contents note

Correspondence includes material on selection of 1960 Man of the Year award. Also includes material on E.L. Tatum receives honorary Doctor of Science degree from University of Wisconsin.

E.L. Tatum receives City of Hope 2nd Salute to Medical research award, 1959 November 29

box 2

folder 2

Scope and Contents note

Other recipients: Selman Waksman, George W. Beadle, Steven O. Schwartz and Mrs. Mary Lasker. Correspondence includes program and newspaper article.

Rutgers University 10th Anniversary of Institute of Microbiology. E.L. Tatum receives honorary Doctor of Science degree and delivers paper "Microbes: Catalysts of concepts in biology", 1964 June 2

box 2

folder 3

Scope and Contents note

Correspondence includes program and handwritten outline of presentation with working materials.

Centennial of science at Notre Dame E.L. Tatum receives honorary of Doctor of Laws degree, 1965 May 25

box 2

folder 4

Scope and Contents note

Correspondence.

| | | |
|---|-------|----------|
| Trinity College Convocation "Reflections on the future - The life sciences" for groundbreaking of Life Sciences Center, E.L. Tatum receives honorary Doctor of Science degree and delivers paper "Reflections on the future - frontiers in molecular genetics", 1965 October 30 | box 2 | folder 5 |
|---|-------|----------|

Scope and Contents note

Correspondence includes program and various copies of: abstract, presentation and outlines.

| | | |
|--|-------|----------|
| Yeshiva University, special convocation at Albert Einstein College of Medicine E.L. Tatum receives honorary Doctor of science degree. Correspondence, 1968 November 24 | box 2 | folder 6 |
|--|-------|----------|

| | | |
|---|-------|----------|
| Northwestern University E.L. Tatum receives honorary Doctor of Science degree, 1971 June 13 | box 2 | folder 7 |
|---|-------|----------|

Scope and Contents note

Correspondence includes RU News and Notes corrected brief about honorary degree.

| | | |
|-------------------------------|-------|--|
| Nobel prize and related items | box 2 | |
|-------------------------------|-------|--|

| | | |
|---|-------|----------|
| E.L. Tatum receives Nobel prize in medicine and physiology jointly with George W. Beadle and other half to Joshua Lederberg, 1958 December 10 1941-1959 | box 2 | folder 8 |
|---|-------|----------|

Scope and Contents note

Correspondence includes announcements of prize; letters of congratulations from famous people; newspaper articles; invitations to speak at other institutions (delivers paper at Carlsberg Laboratorium). Also includes copies of E.L. Tatum Nobel lecture in various draft forms and printer's proof "A case history in biological research". Published in: Les prix Nobel in 1958, Stockholm, 1959. pp. 160-169 and in Science 123 (1959) 1711-1715 and copies of Tatum presentation at Nobel banquet and reprint of Beadle and Tatum "Genetic control of biochemical reactions in Neurospora". Published in PNAS 27 (1941) 499-506. [Reprint lacking in bound volume]. Also includes reprint of George W. Beadle Nobel lecture "Genes and chemical reactions in Neurospora".

| | | |
|--|-------|----------|
| Collection of published papers. Selected by Dr. Tatum having relevance to Nobel prize work | box 2 | folder 9 |
|--|-------|----------|

| | | |
|--|-------|-----------|
| Gustavus Adolphus Nobel conferences, 1965-1975 | box 2 | folder 10 |
|--|-------|-----------|

Scope and Contents note

Dr. Tatum a member of Gustavus Adolphus Nobel conferences advisory committee. Correspondence deals with planning of various conferences. [For those meetings attended see under: Meetings: 1965 Jan 7-8 First Nobel conference in box no. 38 and 1971 Jan 6-7 Nobel conference in box no. 40].

Nobel prize - Miscellaneous, 1961-1973 1975

box 2

folder 11

Scope and Contents note

Correspondence includes:.

Support of various nominations for Nobel prize.

Endorses and issues statements on effect of Nobel prize.

Requests for photographs of Dr. Tatum.

Lindau, Sweden, 22nd meeting of Nobel prize winners. Dr. Tatum attends and on June 28 delivers paper "Biochemical genetics of morphogenesis in Neurospora", 1972 June 26-30

box 2

folder 12

Scope and Contents note

Correspondence includes preliminary program and copies of presentation.

E.L. Tatum does not attend; but is listed as member of Nobel conferences advisory committee with photograph.

Bound volume of Gustavus Adolphus Nobel conference "The Uniqueness of Man" - official transcript, 1968

package 2a

Political and social involvements

box 3

Scope and Contents note

File consists of statements and correspondence on various political and social issues made as a famous individual scientist or Nobel Laureate.

Arrangement note

Arranged in chronological order.

1963-1967 July

box 3

folder 1

1967 October-1972

box 3

folder 2

1975

box 3

folder 3

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Correspondence, 1946 1948-1975

Scope and Contents note

Indications are that many of E.L. Tatum's replies are handwritten and not available. Many incoming letters are not dated. Included in many folders are recommendations for students and colleagues and many manuscripts for joint papers.

Number in parenthesis indicates number of items. Includes handwritten letters by E.L. Tatum.

Arrangement note

Arranged in alphabetical order.

| Title/Description | Instances | |
|---|-----------|----------|
| A-Au | | |
| Adelberg, E.A., 1951-1960 | box 4 | folder 1 |
| Adler, K. | box 4 | folder 1 |
| Ahmad, M. | box 4 | folder 1 |
| Airth, B. | box 4 | folder 1 |
| Altman, M. | box 4 | folder 1 |
| American Committee for the Weizmann Institute of Science | box 4 | folder 1 |
| American Freedom from Hunger Foundation | box 4 | folder 1 |
| American Institute of Biological Sciences | box 4 | folder 1 |
| American Naturalist | box 4 | folder 1 |
| Analytical Biochemistry | box 4 | folder 1 |
| Appleton-Century-Crofts | box 4 | folder 1 |
| Aposhian, H.V. | box 4 | folder 1 |
| Archives of Biochemistry and Biophysics | box 4 | folder 1 |
| Arikian, N. | box 4 | folder 1 |
| Arnold, A. | box 4 | folder 1 |
| Ashman, J. Reply to question "Is God dead? " | box 4 | folder 1 |
| Australian National University | box 4 | folder 1 |
| American Type Culture Collection As Nobel Laureate, E.L. Tatum Sponsor of ATCC Development Program | box 4 | folder 2 |
| B-Bu | | |
| Baillaud, L. | box 4 | folder 3 |
| Barker, J.W. | box 4 | folder 3 |
| Baron, R. | | |

| | | |
|--|-------|----------|
| | box 4 | folder 3 |
| Barrales, H.L. | box 4 | folder 3 |
| Basch, R.S. At RU, 1964-1966 | box 4 | folder 3 |
| Bearn, A.G. | box 4 | folder 3 |
| Belizaire, M.S. | box 4 | folder 3 |
| Beljanski, M. | box 4 | folder 3 |
| Benedict, R.R. | box 4 | folder 3 |
| Benn, N. | box 4 | folder 3 |
| Besser, M. | box 4 | folder 3 |
| Biochemical Society. In 1958 E.L. Tatum becomes member of, 1958-1965 | box 4 | folder 3 |
| Biochemistry | box 4 | folder 3 |
| Blum, H.F. | box 4 | folder 3 |
| Bobbs-Merrill Co. | box 4 | folder 3 |
| Bodenstein, D., 1959-1971 | box 4 | folder 3 |
| Bogdanovic, S.B. At RU 1968 Oct-1969 Mar as NSF senior foreign scientist fellow, 1961-1971 | box 4 | folder 3 |
| Brahznikova, M.G. | box 4 | folder 3 |
| Brainerd, J.L. | box 4 | folder 3 |
| Brandt, W.H. At RU, 1969-1970 | box 4 | folder 3 |
| Braziller, George Inc. | box 4 | folder 3 |
| Brearley School | box 4 | folder 3 |
| British Broadcasting Corp. | box 4 | folder 3 |
| Brown, Harris, Stevens, Inc. | box 4 | folder 3 |
| Bryson, V. | box 4 | folder 3 |
| Buzzati-Traverso, A.A. | box 4 | folder 3 |
| Barratt, R.W. (ca 1 inch), 1952-1970 | box 4 | folder 4 |
| Battley, E.H. Stanford student, 1955-1961 | box 4 | folder 5 |
| Beam, C.A. Yale student, 1948-1963 | box 4 | folder 6 |
| Bonner, David M., 1948-1964 | box 4 | folder 7 |
| Brody, S. At RU, 1964-1967 1962-1972 | box 4 | folder 8 |
| C-Cu | | |
| Carson, S.F. | box 4 | folder 9 |

| | | |
|--|-------|----------|
| Cary-Grove Community High School | box 4 | folder 9 |
| Cassidy, H.G. | box 4 | folder 9 |
| Catcheside, D.G. | box 4 | folder 9 |
| Cerutti, P.A. | box 4 | folder 9 |
| Chargaff, E. | box 4 | folder 9 |
| Chattopadhyay, P.K. | box 4 | folder 9 |
| Chaudhuri, B.K. | box 4 | folder 9 |
| Cheadle, V.I. | box 4 | folder 9 |
| Clutterbuck, J. At RU, 1973 January-August | box 4 | folder 9 |
| Cocioba, I.D. | box 4 | folder 9 |
| Cohen, S.S. | box 4 | folder 9 |
| Colowick, S.P. | box 4 | folder 9 |
| Corcos, A. | box 4 | folder 9 |
| Costello, D.P. | box 4 | folder 9 |
| Cowdry, E.V., 1960 1968-1969 | box 4 | folder 9 |
| Curran, F. | box 4 | folder 9 |
| Cutting, W.C. | box 4 | folder 9 |

Scope and Contents note

Includes birthday congratulations upon retirement.

| | | |
|--|-------|-----------|
| Cerami, Anthony. RU student and Professor, 1966-1975 | box 4 | folder 10 |
| Colburn, R.W. (Stanford student), 1952-1968 | box 4 | folder 11 |
| Commoner, Barry, 1964 1970 | box 5 | folder 1 |
| Corzo, R.H. Stanford student | box 5 | folder 2 |

Scope and Contents note

Includes 2 handwritten items from C.B. van Niel.

| | | |
|---|-------|----------|
| Crocken, Barbara At RU, 1963-1967 | box 5 | folder 3 |
| D-Du | | |
| Danforth, C.H. Congratulations on C.H. Danforth 80th birthday | box 5 | folder 4 |
| Danielli, J. | box 5 | folder 4 |
| Daniels, F. | box 5 | folder 4 |
| Daque, N. | box 5 | folder 4 |

| | | |
|---|-------|-----------|
| Dascher, C. | box 5 | folder 4 |
| David-Stewart Publishing Co. | box 5 | folder 4 |
| DeBey, H.J. | box 5 | folder 4 |
| deKoven, D. | box 5 | folder 4 |
| Demme, G.K. | box 5 | folder 4 |
| deSolis, E. | box 5 | folder 4 |
| Diorio, J. | box 5 | folder 4 |
| Dodge, B.O. Primarily about honorary degrees for | box 5 | folder 4 |
| Doelle, H.W. | box 5 | folder 4 |
| Dubos, R. RU Professor | box 5 | folder 4 |
| DuShane, G. | box 5 | folder 4 |
| de Terra, Noel. At RI, 1958-1974 1959-1962 | box 5 | folder 5 |
| Doy, Colin H. | box 5 | folder 6 |
| Dutta, S.K., 1966 1968-1975 | box 5 | folder 7 |
| E-Ep | | |
| Ebersold, W.T. | box 5 | folder 8 |
| Economous, C. | box 5 | folder 8 |
| Edgerton, D. Mrs | box 5 | folder 8 |
| Edizioni Scientifiche e Tecniche Mondadori | box 5 | folder 8 |
| Elliott, C.G. | box 5 | folder 8 |
| Engel, L. | box 5 | folder 8 |
| Environment Environmental Fund | box 5 | folder 8 |
| Epstein, H.F. | box 5 | folder 8 |
| Eberhart, Bruce M. Stanford student, 1955-1972 | box 5 | folder 9 |
| Scope and Contents note | | |
| Includes: Lecture: 1965 May 10 Greensboro, N.C. University of N.C. Freshman honors program. Panel discussion on the relationship between the humanities and science "on biochemical genetics". | | |
| Ehrensverd, G., 1953 1959-1966 | box 5 | folder 10 |

Scope and Contents note

Includes 1 spiral notebook of Tatum handwritten notes of 1953 Summer Ehrensvarð lectures.

| | | |
|---|-------|-----------|
| Eversole, R.A. Stanford student, 1954-1968 | box 5 | folder 11 |
| F-Fr | | |
| Falkow, S. | box 6 | folder 1 |
| Fincham, J.R.S. | box 6 | folder 1 |
| First National City Bank | box 6 | folder 1 |
| Flynn, J.E. | box 6 | folder 1 |
| Food and Population | box 6 | folder 1 |
| Fox, S.W. | box 6 | folder 1 |
| Friedman, H.M. | box 6 | folder 1 |
| Fries, N. | box 6 | folder 1 |
| Fromageot, P. At RU, 1965 October-1966 June | box 6 | folder 1 |
| Federation of American Scientists | box 6 | folder 2 |

Scope and Contents note

Includes Dr. Tatum's endorsements as member and sponsor of the federation.

| | | |
|---|-------|----------|
| Fels Research Institute E.L. Tatum becomes member of Scientific Advisory Board of, 1972 January | box 6 | folder 3 |
| Folkers, Karl, 1964-1974 | box 6 | folder 4 |
| Fristrom, James. RU graduate student, 1962-1968 | box 6 | folder 5 |

Scope and Contents note

Includes E.L. Tatum's presentation for degree granting.

| | | |
|--|-------|----------|
| Fuller, R.C. Stanford student, 1950-1965 | box 6 | folder 6 |
| G-Gr | | |
| Gafford, R.D. | box 6 | folder 7 |
| Gal, E.M. | box 6 | folder 7 |
| Galen, B. | box 6 | folder 7 |
| Gangadharan, G. | box 6 | folder 7 |
| Garfield, E. | box 6 | folder 7 |
| Gause, G.F. | box 6 | folder 7 |

Gente

| | | |
|--|-------|-----------|
| | box 6 | folder 7 |
| Ghora, B.K. | box 6 | folder 7 |
| Giese, A. | box 6 | folder 7 |
| Giles, N. | box 6 | folder 7 |
| Goldberg, I.H. | box 6 | folder 7 |
| Scope and Contents note | | |
| Includes NSF grant application evaluation with application. | | |
| Goldberg, L. | box 6 | folder 7 |
| Goldstein, P. | box 6 | folder 7 |
| Gopal-Ayengar, A.R., 1966 1969-1974 | box 6 | folder 7 |
| Scope and Contents note | | |
| Includes items on N.K. Notani. | | |
| Grace, E.J. | box 6 | folder 7 |
| Gray, G.W. | box 6 | folder 7 |
| Griffin, A.C. | box 6 | folder 7 |
| Grigg, G. | box 6 | folder 7 |
| Garnjobst, Laura At RI, 1949 1956-1975 1957-1966 | box 6 | folder 8 |
| Scope and Contents note | | |
| Includes correspondence with others involving L. Garnjobst re: stocks of morphological mutants and some Garnjobst laboratory notes. | | |
| Georgi, C.E, 1957-1963 | box 6 | folder 9 |
| Scope and Contents note | | |
| Includes University of Nebraska, Missouri Valley Branch of the Society of American Bacteriologists meeting Delivers paper. 1959 Apr 17-18. | | |
| Gross, S.R. At Stanford 1953-1957; At RU, 1953-1969 | box 6 | folder 10 |
| H-I | | |
| Hameed, A. | box 6 | folder 11 |
| Hamilton, W.F. | box 6 | folder 11 |
| Hanna, M.G. | box 6 | folder 11 |
| Harcourt, Brace & World, Inc. | box 6 | folder 11 |

| | | |
|---|-------|-----------|
| Hassenstein, C. | box 6 | folder 11 |
| Hentsch & Cie | box 6 | folder 11 |
| Hermann, H. | box 6 | folder 11 |
| Holiday | box 6 | folder 11 |
| Holz, G.G. | box 6 | folder 11 |
| Horn, G. At RI, 1957-1965 | box 6 | folder 11 |
| Houghton Mifflin Co. | box 6 | folder 11 |
| Hug, G. | box 6 | folder 11 |
| Indiana University | box 6 | folder 11 |
| Institute for Scientific Information. E.L. Tatum becomes member of Science Citation Index editorial advisory board, 1969 November | box 6 | folder 11 |
| Harmon, J.A. Stanford student, 1949-1959 1970 | box 6 | folder 12 |
| International Foundation for Molecular Biology. E.L. Tatum founding member and a director of the corporation of the | box 6 | folder 13 |
| J-K | | |
| Jackson, G.J. | box 7 | folder 1 |
| Jacobson, C. | box 7 | folder 1 |
| Jaffe, H. | box 7 | folder 1 |
| Jefferson Hotel | box 7 | folder 1 |
| Jones, A. | box 7 | folder 1 |
| Jones, D. | box 7 | folder 1 |
| Kabisch, W.T. | box 7 | folder 1 |
| Kacser, H. | box 7 | folder 1 |
| Kelley, R. | box 7 | folder 1 |
| Kendrick, J. | box 7 | folder 1 |
| Kent, M. | box 7 | folder 1 |
| Kert, L.A. | box 7 | folder 1 |
| King, J.A. | box 7 | folder 1 |
| King, Martin Luther | box 7 | folder 1 |

Scope and Contents note

Includes telegram from New York City Nobel Laureates
in Science on King assassination.

| | | |
|---|-------|----------|
| Kinsky, S.C. At RI, 1962 May-August | box 7 | folder 1 |
| Klingmüller, W. | box 7 | folder 1 |
| Koch, E.R. | box 7 | folder 1 |
| Köller, K-H In German | box 7 | folder 1 |
| Koprowski, H. | box 7 | folder 1 |
| Krieghbaum, H. Comments on science reporting | box 7 | folder 1 |
| Krim, A.B. | box 7 | folder 1 |
| Kunitz, M. Biographical note by E.L. Tatum, 1964 December | box 7 | folder 1 |

Scope and Contents note

Includes working material. similar biographical. note by
E.L. Tatum for nomination for election to NAS.

| | | |
|--|-------|----------|
| Journal of Biological Chemistry, 1957-1958 1969-1973 | box 7 | folder 2 |
|--|-------|----------|

Scope and Contents note

E.L. Tatum member of editorial board of JBC and member
of publications committee from.

| | | |
|-------------------------------------|-------|----------|
| L-Lu | | |
| Landman, O.E. | box 7 | folder 3 |
| Lapira, G. | box 7 | folder 3 |
| Lara, F. | box 7 | folder 3 |
| Latka, L. Comments on reading books | box 7 | folder 3 |
| Law, L.L. | box 7 | folder 3 |
| Lerner, C. | box 7 | folder 3 |
| Life | box 7 | folder 3 |
| Life Sciences | box 7 | folder 3 |
| Lockhart, J.D. | box 7 | folder 3 |
| Long Island University | box 7 | folder 3 |
| Luria, S.E. | box 7 | folder 3 |
| Lanni, F. | box 7 | folder 4 |
| Lederberg, Esther, 1956 1968 1971 | box 7 | folder 5 |

Lederberg, Joshua 1951-1975. Letter, 1972 October 13

Scope and Contents note

box 7

folder 6

Tatum to Lederberg states that in move to Stanford and then to RU correspondence discarded.

| | | |
|---|-------|-----------|
| Los Angeles Children's Hospital becomes member of research advisory council of Children's Hospital of Los Angeles [E.L. Tatum maintained file under: Los Angeles Children's Hospital], 1964 October | box 7 | folder 7 |
| M-My | | |
| McClain, M.E. | box 7 | folder 8 |
| McGrady, C. | box 7 | folder 8 |
| McKusick, V.A. | box 7 | folder 8 |
| Mankowski, T. | box 7 | folder 8 |
| Marks, S. | box 7 | folder 8 |
| Marmur, J. | box 7 | folder 8 |
| Marquette University | box 7 | folder 8 |
| Marquis, A.N. Co. | box 7 | folder 8 |
| Matthysse, A.G. | box 7 | folder 8 |
| Moe, H.A. | box 7 | folder 8 |
| Morita, Y. | box 7 | folder 8 |
| Murthy, M.R.V. | box 7 | folder 8 |
| Muth, W. | box 7 | folder 8 |
| Mycopathologia et Mycologia Applicata | box 7 | folder 8 |
| Mach, Bernard. RU graduate student, 1961-1973 | box 7 | folder 9 |
| Scope and Contents note | | |
| Includes E.L. Tatum's presentation for degree granting and items on Moscow, IX Int'l Congress for Microbiology. [Indications are B. Mach presents paper by Mach and Tatum]. 1966 July 24-30. | | |
| Mahadavan, P.R. (ca. 1 inch). At RI, 1962-1965 | box 7 | |
| 1962-1967 April | box 7 | folder 10 |
| 1967 October-1972 | box 7 | folder 11 |
| Menaker, W. About possible election of Wm. H. Welch to Hall of Fame of Great Americans, 1960 | box 8 | folder 1 |

Scope and Contents note

Includes statement by Tatum and other Nobel Laureates in support of Welch.

| | | |
|--|-------|-----------|
| Mercy Institute of Biomedical Research. E.L. Tatum becomes member of Advisory Board of, circa 1971 November | box 8 | folder 2 |
| Miller, J.H. Stanford student, 1952-1958 1967 | box 8 | folder 3 |
| N-Ni | | |
| Nakamura, K. | box 8 | folder 4 |
| Nakayama, M. | box 8 | folder 4 |
| Nature | box 8 | folder 4 |
| Nerio, K. | box 8 | folder 4 |
| New York Scientist's Committee for Public Information | box 8 | folder 4 |
| New York Times Magazine Congratulations on L. Galton's article | box 8 | folder 4 |
| Nickerson, W.J. | box 8 | folder 4 |
| Nightingale, E.O. | box 8 | folder 4 |
| Nading, L.K. RU graduate student | box 8 | folder 4 |
| Newmeyer, D.L. Yale, Stanford student, 1951-1955 1962 | box 8 | folder 6 |
| Niu, Man-Ching (ca. 2 inches) At RI ca. 1959 and RU, 1970 January-June | box 8 | folder 6 |
| 1956 1959-1964 | box 8 | folder 7 |
| 1965-1975 | box 8 | folder 8 |
| Niu-Segal symposium "The role of DNA in reproduction and development" in 1972. Corres primarily with Niu about E.L. Tatum as editorial advisor getting symposium papers ready for publication by North Holland. Published in 1973, 1972-1973 | box 8 | folder 9 |
| O-Ov | | |
| Olds, P. | box 8 | folder 10 |
| Oliver Wendell Holmes Association | box 8 | folder 10 |
| Ottey, L.J. At Stanford, 1955-1956 | box 8 | folder 10 |
| Overholt, Kay | box 8 | folder 10 |
| Ottke, R.C. Yale student and at Stanford, 1950-1951 | box 8 | folder 11 |

Scope and Contents note

Includes items on Lucio Rodriguez, 1950-1953;
1957-1963.

| | | |
|---|-------|-----------|
| P-Pr | | |
| Packard, Vance | box 8 | folder 12 |
| Papazian, H. | box 8 | folder 12 |
| Papier, L.S. | box 8 | folder 12 |
| Pauling, Linus | box 8 | folder 12 |
| Perish, J. Mrs | box 8 | folder 12 |
| Perry, J. | box 8 | folder 12 |
| Peters, J.A. | box 8 | folder 12 |
| Phalares, J. | box 8 | folder 12 |
| Pilgeram, L.O. | box 8 | folder 12 |
| Pittman, D. | box 8 | folder 12 |
| Plaza Hotel | box 8 | folder 12 |
| Pomerat, G.R. About AIBS | box 8 | folder 12 |
| Prentice-Hall, Inc. | box 8 | folder 12 |
| Prinzmetal, M. | box 8 | folder 12 |
| Perkins, D.D., 1960-1972 | box 8 | folder 13 |
| Perspectives in Biology and Medicine In. E.L. Tatum becomes member of advisory board of, 1964 January | box 8 | folder 14 |
| Pina, E. At RI, 1963-1974 1964-1966 | box 9 | folder 1 |
| Pincheira, G. At RU, 1966-1973 1967-1969 | box 9 | folder 2 |
| Quadri-Science, Inc., 1964 October 22 | box 9 | folder 3 |

Scope and Contents note

Gaps in correspondence. Includes Tatum press conference in name of 33 Nobel Prize recipients supporting Humphrey-Johnson candidacies.

| | | |
|-----------------|-------|----------|
| R-Ru | | |
| Rasmussen, A.F. | box 9 | folder 4 |
| Reddy, G.M. | box 9 | folder 4 |
| Reed, C.I. | box 9 | folder 4 |
| Reid, R.D. | box 9 | folder 4 |

| | | |
|---|--------|-----------|
| Rembrecht, H. | box 9 | folder 4 |
| Robertson, M.G. | box 9 | folder 4 |
| Rohlfing, D.L. | box 9 | folder 4 |
| Rosenberg, I. | box 9 | folder 4 |
| Rosenthal, P.N. | box 9 | folder 4 |
| Ruddle, F.H. | box 9 | folder 4 |
| Ruffilli, D. | box 9 | folder 4 |
| Russell, E.S. | box 9 | folder 4 |
| Rand, J. RU graduate student | box 9 | folder 5 |
| Rawson, R.W. About Explorer Science Camps | box 9 | folder 6 |
| Ray, Dixie Lee (ca. 1 inch) Report of a 6 month study, Dixie Lee Ray served as special assistant to Associate Director of Administration, (Paul A. Scherer) analyzing procedures and progress of NSF using National Center for Atmospheric Research as a case study; also Commission on Science and Technology and grant programs. Some handwritten notes to E.L. Tatum who asked to read reports, 1962 December-1963 May | box 9 | folder 7 |
| Reaume, Sheldon E. Yale student | box 9 | folder 8 |
| Reich, Edward (ca. 1-1/2 inches) RU graduate student and RU Faculty | box 9 | |
| 1957-1961 | box 9 | folder 9 |
| 1962-1969 | box 9 | folder 10 |
| Roboz-Einstein, E.. At Stanford, 1946-1962 1949-1951 | box 10 | folder 1 |
| Rogers, Dexter. At Stanford, 1953-1961 1954-1955 | box 10 | folder 2 |
| Ryan, Francis J., 1964 April 3 | box 10 | folder 3 |

Scope and Contents note

Includes statement in memory of F.J. Ryan.

S-Sz

| | | |
|---------------------|--------|----------|
| Saxena, M.P. | box 10 | folder 4 |
| Scheerer, S.B. | box 10 | folder 4 |
| Schmitt, F.O. | box 10 | folder 4 |
| Schneider, M.J. | box 10 | folder 4 |
| Schorer, A.R. | box 10 | folder 4 |
| Schwarz Bioresearch | box 10 | folder 4 |
| Scientific Products | box 10 | folder 4 |

| | | |
|--|--------|-----------|
| Selye, Hans, 1960 1964 1972 | box 10 | folder 4 |
| Scope and Contents note | | |
| Includes comments on Selye ms with ms. | | |
| Shepard, M. | box 10 | folder 4 |
| Shockley, W. | box 10 | folder 4 |
| Shook, W.I. | box 10 | folder 4 |
| Silberman, A. | box 10 | folder 4 |
| Singleton, W.R. | box 10 | folder 4 |
| Smith, E. L | box 10 | folder 4 |
| Sokel, S. | box 10 | folder 4 |
| Solomon, B. | box 10 | folder 4 |
| Stanhope, W.W. | box 10 | folder 4 |
| Steere, W.C. | box 10 | folder 4 |
| Sterling, J.E.W. | box 10 | folder 4 |
| Steuerwald, J. | box 10 | folder 4 |
| Stickle, G. | box 10 | folder 4 |
| Stickle, M. | box 10 | folder 4 |
| Stoffel, W. | box 10 | folder 4 |
| Stokes, S. | box 10 | folder 4 |
| Stuyvesant Alumni and Scholarship Association | box 10 | folder 4 |
| Suski, K. | box 10 | folder 4 |
| Suzuki, I. | box 10 | folder 4 |
| Szilard, L. | box 10 | folder 4 |
| Salk East of Salk Institute Member of New York Scholars Group of | box 10 | folder 5 |
| Schiller, H.A. | box 10 | folder 6 |
| Scott, W.A. At RU, 1967-1975 | box 10 | folder 7 |
| Shanmugasundaram, E.R.B. | box 10 | folder 8 |
| Scope and Contents note | | |
| Includes items with/ about K. Radha, student and wife of. | | |
| Shatkin, A. (ca. 1 inch). RU graduate student, 1958-1974 | box 10 | folder 9 |
| Shemin, David, 1955-1971 | box 10 | folder 10 |

| | | |
|--|--------|-----------|
| Sherwood, W.K. Stanford student | box 10 | folder 11 |
| Shockley, T.E. At RI, 1959-1967 1959-1961 | box 10 | folder 12 |
| Silagi, Selma. At RU, 1962-1974 1962-1966 | box 11 | folder 1 |
| Simmonds, S., 1958-1969 | box 11 | folder 2 |
| Slayman, Clifford and Carolyn Walch. RU graduate students, 1960-1970 | box 11 | folder 3 |
| Steere, W.C. | box 11 | folder 4 |

Scope and Contents note

Includes copy of Chapter 8 "Structure of the genetic material and the concept of the gene" by G.W. Beadle for "This is life".

| | | |
|--|--------|----------|
| Strominger, J.L. About consideration of Strominger appointment as Professor of biochemistry at Harvard | box 11 | folder 5 |
| Szabo, G. Visiting Professor at RU from, 1971 September-1972 July | box 11 | folder 6 |

T-Tw

| | | |
|--|--------|-----------|
| Tanaka, H. | box 11 | folder 7 |
| Tapley, D.F. At RU, 1965 October-1966 March | box 11 | folder 7 |
| Temmen, L. | box 11 | folder 7 |
| Terman, F. | box 11 | folder 7 |
| Thomas, J. | box 11 | folder 7 |
| Tilley, R.J. | box 11 | folder 7 |
| Toole, J.V. | box 11 | folder 7 |
| Torres, H.N. | box 11 | folder 7 |
| Touster, O. | box 11 | folder 7 |
| Towers, J.W. & Co. | box 11 | folder 7 |
| Trugler, R. | box 11 | folder 7 |
| Turian, G. | box 11 | folder 7 |
| Turner, T.B. | box 11 | folder 7 |
| Twitty, V.C. | box 11 | folder 7 |
| Tanenbaum, S.W. At Stanford, 1950-1972 1951-1953 | box 11 | folder 8 |
| Tomasz, Alexander RU Professor | box 11 | folder 9 |
| Tsuda, S. (ca. 1 inch). At RU, 1958-1971 1959-1962 | box 11 | folder 10 |

U-V Miscellaneous

| | | |
|--|--------|----------|
| U.S. Atomic Energy Commission | box 12 | folder 1 |
| University of Miami | box 12 | folder 1 |
| Upjohn Co. | box 12 | folder 1 |
| Urban, R.G. | box 12 | folder 1 |
| Vail Village Inn | box 12 | folder 1 |
| van Niel, C.B. | box 12 | folder 1 |
| Villarreal, C.G. | box 12 | folder 1 |
| Vogel, H.J. | box 12 | folder 1 |
| University of Virginia E.L. Tatum member of Center for Advanced Studies scientific advisory board of, 1965-1974 | box 12 | folder 2 |
| University of Wisconsin Alumni Club of New York | box 12 | folder 3 |
| van Wagtendonk, W.J., 1952-1971 | box 12 | folder 4 |
| W, Y, Z, Miscellaneous | | |
| Waelsch, S.G. | box 12 | folder 5 |
| Wagner, R.P. | box 12 | folder 5 |
| Wainwright, S.D. | box 12 | folder 5 |
| Walt Disney Productions | box 12 | folder 5 |
| Warkany, J. | box 12 | folder 5 |
| Weaver, Warren | box 12 | folder 5 |
| Welch, A.D. | box 12 | folder 5 |
| Wells Fargo Bank | box 12 | folder 5 |
| Western Union | box 12 | folder 5 |
| Williams, R.J. | box 12 | folder 5 |
| Williams, R.P. | box 12 | folder 5 |
| Winter, R. | box 12 | folder 5 |
| Wolf, B. | box 12 | folder 5 |
| Wolk, P. | box 12 | folder 5 |
| Wood, D. | box 12 | folder 5 |
| Woodruff, H.G. | box 12 | folder 5 |
| Wooldridge, D.E. | box 12 | folder 5 |
| Wulff, D.L. | box 12 | folder 5 |
| Yahraes, H. | box 12 | folder 5 |
| Zamecnik, P.C. | box 12 | folder 5 |

| | | |
|---|--------|-----------|
| Zelan, B. | box 12 | folder 5 |
| Wilson, J.F. (ca. 1 inch). Stanford student, 1956-1974 | box 12 | folder 6 |
| Wood, H.N. RU Faculty | box 12 | folder 7 |
| Wrathall, C.R. At RU, 1970-1974 | box 12 | folder 8 |
| Yale University Concerning program in molecular biology at Yale | box 12 | folder 9 |
| Yanofsky, C., 1956-1966 | box 12 | folder 10 |
| Zinder, N.D. RU Professor | box 12 | folder 11 |

Letters of recommendation

Arrangement note

Arranged in alphabetical order. Filed mainly by correspondent.

| | | |
|--|--------|----------|
| A-F | box 13 | folder 1 |
| G-P | box 13 | folder 2 |
| R-Z | box 13 | folder 3 |
| Questions from laity with replies, 1960-1965 | box 13 | folder 4 |
| Unidentified (no last names) | box 13 | folder 5 |

[^ Return to Table of Contents](#)

Subject Files

Scope and Contents note

These files consist of correspondence: plans: meetings (papers delivered at some); working material; reports; statements; petition and manuscript reviews functioning as scientific advisor (sometimes chairman); Board of Trustees (sometimes chairman); on editorial board or society member and consultant. Includes a 2-1/2 inch manuscript box dealing with Neurospora.

Arrangement note

Arranged in alphabetical order by society, institution, government agency or publication involved.

| Title/Description | Instances | |
|--|-----------|----------|
| American Cancer Society (Scientific Advisory Council), 1956 July-1959 August | box 14 | folder 1 |
| American Cancer Society (Advisory Committee on Personnel For Research), 1963 September-1966 August | box 14 | folder 2 |
| American Philosophical Society. (APS), 1957-1971 | | |
| 1957-1961 | box 14 | folder 3 |

| | | |
|--|--------|----------|
| 1962-1967 | box 14 | folder 4 |
| 1968-1971, undated | box 14 | folder 5 |
| Edsall grant. E.L. Tatum as member of APS council approves \$5,000 grant to John T. Edsall for proposed study on the history of biochemistry and molecular biology | box 14 | folder 6 |
| ANNUAL REVIEW OF GENETICS, 1965-1969 | box 14 | folder 7 |
| BIOCHIMICA ET BIOPHYSICA ACTA, 1959-1973 | box 15 | |
| 1959-1966 March | box 15 | folder 1 |
| 1966 April-December | box 15 | folder 2 |
| 1967-1973 | box 15 | folder 3 |
| Children's Hospital Research Foundation, 1963-1967 | box 15 | folder 4 |
| City of Hope Medical Center, 1966-1969 | box 15 | folder 5 |

Cold Spring Harbor Laboratories of Quantitative Biology,
1961-1968

Scope and Contents note

Covers the development of the Laboratories from its beginning as Long Island Biological Laboratory and Carnegie Institution of Washington and its financial support. In 5 folders.

| | | |
|------------------------------------|--------|----------|
| 1961-1964 | box 16 | folder 1 |
| 1965-1966 June | box 16 | folder 2 |
| 1966 July-October | box 16 | folder 3 |
| 1966 November-1967 March | box 16 | folder 4 |
| 1967 April-September 1968 November | box 16 | folder 5 |

FRONTIERS OF BIOLOGY, 1963-1970 1973-1975

Scope and Contents note

File consists primarily of original and photocopied correspondence (as co-editor with Neuberger of FRONTIERS OF BIOLOGY series) with various correspondents of North-Holland Publishing and contributors. In 8 folders:.

| | | |
|------------------------------|--------|----------|
| 1963-1964 | box 17 | folder 1 |
| 1965 January-August | box 17 | folder 2 |
| 1965 September-December | box 17 | folder 3 |
| 1966 January-August | box 17 | folder 4 |
| 1966 September-1967 February | box 17 | folder 5 |

| | | |
|---|--------|----------|
| 1967 March-December | box 18 | folder 1 |
| 1968-1969 | box 18 | folder 2 |
| 1970 1973-1975 | box 18 | folder 3 |
| Fungal Genetics Stock Center (FGSC) , 1966-1976 | box 18 | folder 4 |

Related Materials:**Related Materials**

See also under: Neurospora file in box no. 25.

Immediate Source of Acquisition:**Immediate Source of Acquisition**

Anne Hamill deposited it with RU Archives on June 10, 1976. Some items after E.L. Tatum's death.

Scope and Contents note

Editor's note. This file consists primarily of culture requests.

| | | |
|---|--------|----------|
| GENETICS, 1963-1968 | box 18 | folder 5 |
| Grant and fellowship reviews, 1956-1975 | | |

Scope and Contents note

For various institutions. Includes:.

| | | |
|---|--------|----------|
| American Cancer Society | | |
| Guggenheim Foundation | | |
| NIH | | |
| NSF | | |
| Research Corporation | | |
| 1956-1963 | box 19 | folder 1 |
| Arrangement note | | |
| Arranged in chronological order. | | |
| 1964-1975 | box 19 | folder 2 |
| Arrangement note | | |
| Arranged in chronological order. | | |
| Harvey Society | box 19 | folder 3 |
| International Science Exhibition, Brussels 1958, 1958 October | box 19 | folder 4 |

Scope and Contents note

[See: Package for U.S. Dept. of State citation].

| | | |
|---|--------|----------|
| Jackson Laboratory, 1964-1975 | box 19 | |
| 1964-1966 | box 19 | folder 5 |
| 1967-1970 1974-1975 | box 19 | folder 6 |
| McGRAW-HILL ENCYCLOPEDIA OF SCIENCE AND TECHNOLOGY, 1957-1973 | box 20 | |
| 1957-1958 | box 20 | folder 1 |
| 1959-1965 | box 20 | folder 2 |
| 1966-1973 | box 20 | folder 3 |
| Massachusetts General Hospital | box 20 | folder 4 |
| Mead Johnson & Co. | box 20 | folder 5 |
| Merck, Sharp and Dohme, 1957-1970 1975 | box 20 | folder 6 |

Scope and Contents note

Includes:.

Joint dedication of new research laboratories with Columbia P&S, 1966 May

Address "Molecular biology, nucleic acids and the future of medicine". Published in PERSPECTIVES IN BIOLOGY AND MEDICINE 10 (1966) 19-31, 1966

Scope and Contents note

Includes notes of address. [See: Film reel #2 for kinescope reproduction of dedication].

| | | |
|---|--------|----------|
| Muscular Dystrophy Associations of America | box 20 | folder 7 |
| National Academy of Sciences (NAS), 1957-1975 | box 21 | |

Scope and Contents

File consists primarily of balloting and biographical sketches prepared for proposed members. Includes recommendation of George Beadle and Don Hornig for NAS Presidency. In 3 folders.

| | | |
|--|--------|----------|
| 1957-1962 | box 21 | folder 1 |
| 1963-1967 | box 21 | folder 2 |
| 1968-1975 | box 21 | folder 3 |
| NAS and NAS-NRC Committees (E.L. Tatum member of), 1957-1971 | box 21 | folder 4 |

Scope and Contents note

Includes: NAS-NRC Committees.

Arrangement note

Arranged in chronological order.

| | | |
|---|--------|----------|
| Committee on developmental biology | box 21 | folder 4 |
| Space Science Board committee | box 21 | folder 4 |
| Evaluating committee in life science for NSF postdoctoral fellowships | box 21 | folder 4 |
| Committee for the survey of chemistry (panel) | box 21 | folder 4 |
| Advisory Committee to the Federal Radiation Council NAS Committee | box 21 | folder 4 |
| Committee of the U.S. Steel Foundation Award in Molecular Biology (Chairman in), 1971 | box 21 | folder 4 |
| PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES (PNAS) | box 22 | |

Scope and Contents note

Includes some mss reviewed by Tatum and others.

| | | |
|--|--------|----------|
| 1963-1967 | box 22 | folder 1 |
| 1968 February-November | box 22 | folder 2 |
| 1968 November-1970 | box 22 | folder 3 |
| 1971-1975 | box 22 | folder 4 |
| National Foundation (NF) formerly National Foundation for Infantile Paralysis (NFIP), 1954 1957-1975 | box 23 | |

Scope and Contents note

Includes 1958 research report (published in 1963); papers delivered at various NF committees meetings and conferences sponsored by NF. Some published. In 10 folders:.

| | | |
|---|--------|----------|
| 1954 1957-1959 | box 23 | folder 1 |
| 1960-1975 | box 23 | folder 2 |
| NF meeting and conferences sponsored by NF E.L. Tatum attended or involved in | box 23 | folder 2 |
| NYC RI, NF meeting, 1959 September 23 | box 23 | folder 3 |
| Geneva, 4th International Poliomyelitis Conference (IPC), 1957 July 8-12 | box 23 | folder 4 |

| | | |
|---|--------|-----------|
| London, 1st Intl Conference on Congenital Malformations, 1960 July 18-22 | box 23 | |
| 1959 | box 23 | folder 5 |
| Tatum presents "Some molecular aspects of congenital malformations" Published In: International Conferences on Congenital Malformations. 1st, London, 1960. Philadelphia, Lippincott, 1961. pp. 281-288, 1960 July 22 | box 23 | folder 6 |
| Scope and Contents note [#116 in Tatum bibliography - reprint lacking in bound volume of collected reprints]. Includes various copies of ms. | | |
| Copenhagen, 5th International Poliomyelitis Congress, 1960 July 26-28 | box 23 | folder 7 |
| Los Angeles, 1st Inter-American Conference on Congenital Defects, 1962 January 22-24 | box 23 | folder 8 |
| NYC 2nd International Conference on Congenital Malformations, 1963 July 14-19 | box 23 | folder 9 |
| Hague, Netherlands 3rd Intl Conference on Congenital Malformations, 1969 September 8-12 | box 23 | folder 10 |
| National Institutes of Health (NIH) Genetics Study Section | box 24 | |
| 1957-1964 | box 24 | folder 1 |
| 1965-1966 1973 | box 24 | folder 2 |
| NIH Research Training Grant Committee | box 24 | folder 3 |
| National Science Foundation-National Science Board (NSF-NSB), 1957-1968 | box 24 | folder 4 |
| Scope and Contents note Includes 2 group photographs taken at NSB meetings: (some identified) [nd] 1957 March 11. [See 1957 Mar 11 photograph for some identification]. | | |
| NSF-NSB Ad-Hoc Committee on Faculty Salaries | box 24 | folder 5 |
| NSF/AID (AGENCY FOR INTERNATIONAL DEVELOPMENT) Program in India (trip), 1966 May | box 24 | folder 6 |
| Scope and Contents note 1-5 trip to India to develop science education program. | | |
| Neurospora, 1950-1972 1975 | box 25 | |

Scope and Contents

Primarily culture requests and other miscellaneous items concerning Neurospora

Arrangement of Neurospora information from E.L. Tatum Laboratory

Scope and Contents note

[See also under: Ray Barratt in box no. 4; Laura Garnjobst in box no. 6; D.D. Perkins in box no. 13 and FGSC in box no. 18]. In 4 folders:.

| | | |
|---|--------|----------|
| Neurospora culture requests, etc. | box 25 | folder 1 |
| Neurospora correspondence, 1965-1970 | box 25 | folder 2 |
| Neurospora miscellaneous material | box 25 | folder 3 |
| Neurospora conferences, 1961 1966 | box 25 | folder 4 |
| Oak Ridge National Laboratory (ORNL), 1957-1962 | box 26 | folder 1 |
| Pacific Science Center Foundation, 1963-1966 | box 26 | folder 2 |

Scope and Contents note

Includes handwritten notes from Dixie Lee Ray, Director, to E.L. Tatum.

| | | |
|---------------------------------------|--------|----------|
| Population Control Problem, 1965-1971 | box 26 | folder 2 |
|---------------------------------------|--------|----------|

Scope and Contents note

Activities as scientist, Nobel Laureate (with other Nobel Laureates) and committee member to make recommendations on the problem of population growth over the world. In 4 folders:.

| | | |
|-------------------------|--------|----------|
| General File, 1965-1971 | box 26 | folder 3 |
|-------------------------|--------|----------|

Scope and Contents note

Includes T.V. interview (copy included).

| | | |
|--------------------------------------|--------|----------|
| Senate hearings on population crisis | box 26 | folder 4 |
|--------------------------------------|--------|----------|

Scope and Contents note

(copy included).

| | | |
|--|--------|--|
| Papal petition and statements to Pope Paul VI, 1965-1966 | box 26 | |
|--|--------|--|

Scope and Contents note

(copies included).

| | | |
|---|--------|----------|
| 1965-1966 June | box 26 | folder 5 |
| 1966 July-1967 | box 26 | folder 6 |
| Research Corporation Award | box 27 | folder 1 |
| Research to Prevent Blindness, 1962-1975 | | |
| 1962-1964 | box 27 | folder 2 |
| 1965-1965 | box 27 | folder 3 |
| 1968-1975 | box 27 | folder 4 |
| Reviews of manuscripts (miscellaneous), 1957-1970 | box 27 | folder 5 |

Arrangement note

Chronological arrangement of manuscript reviews for various publications.

| | | |
|---|--------|----------|
| Rutgers University (Institute of Microbiology), 1956-1958 | box 28 | folder 1 |
| Rutgers University, 1968-1971 | box 28 | folder 2 |

Scope and Contents note

Advisory board for research and graduate education.

| | | |
|--------------------|--------|--|
| SCIENCE, 1957-1972 | box 28 | |
|--------------------|--------|--|

Scope and Contents note

Includes some reviews by others.

| | | |
|---|--------|----------|
| 1957-1958 | box 28 | folder 3 |
| 1959 | box 28 | folder 4 |
| 1960-1961 | box 28 | folder 5 |
| 1962-1972 | box 28 | folder 6 |
| Scientist Committee for Voter Information (Presidential campaign), 1964 | box 29 | folder 1 |

Scope and Contents note

Includes news releases by E.L. Tatum (chairman), Oct 5 and 17, 1964.

| | | |
|--|--------|--|
| Scientists Institute on Public Information (SIPI), 1963-1965 | box 29 | |
|--|--------|--|

Scope and Contents note

Activities to keep public informed on relevant technical problems and conservation of the environment. In 3 folders:.

| | | |
|------|--------|----------|
| 1963 | box 29 | folder 2 |
| 1964 | box 29 | folder 3 |

Scope and Contents note

Includes: Apr 16, 1964 letter to Editor, MEDICAL TRIBUNE SCIENCE 144 (1964) 616 RI REVIEW (Nov-Dec 1964) 23-25.

| | | |
|------|--------|----------|
| 1965 | box 29 | folder 4 |
|------|--------|----------|

Scope and Contents note

Includes: AAAS report and Jan 6, 1965 letter to NY TIMES July 20, 1965 letter to editor of SCIENTIST AND CITIZEN.

| | | |
|-----------------------------|--------|----------|
| Site Visits, 1961 1962 1969 | box 29 | folder 5 |
|-----------------------------|--------|----------|

Scope and Contents note

Includes:.

| | | |
|--|--|--|
| New England Institute for Medical Research for NIAMD, 1961 May 12 | | |
| Institute for Cancer Research, Philadelphia for NIH. Tatum assists in assigning individual reviewers of "study section" for review of each investigator's work involved in Talbot grant application, 1962 September 17 | | |
| Institute of Muscle Disease for Muscular Dystrophy Association, 1969 February | | |

| | | |
|--|--------|----------|
| Sloan-Kettering Institute for Cancer Research, 1966-1967 | box 29 | folder 6 |
|--|--------|----------|

Scope and Contents note

E.L. Tatum, Vice-Chairman and 1967-1968. Chairman of the Board of scientific consultants.

| | | |
|-------------------------------------|--------|----------|
| Stanford Research Institute (SRI) | box 29 | folder 7 |
| University of Notre Dame, 1960-1968 | box 29 | folder 8 |

Scope and Contents note

Chairman, ad-hoc committee on life sciences at Notre Dame, 1965-1966.

[^ Return to Table of Contents](#)

RU Administration

| Title/Description | Instances |
|---|----------------------|
| Subject files | |
| University of Pennsylvania, 1956 July 6-August 1 | box 30 folder 1 |
| <p>Scope and Contents note</p> <p>Correspondence with University of Pennsylvania administration in consideration of appointment.</p> | |
| Administrative correspondence | box 30 |
| <p>Scope and Contents note</p> <p>[Editor's note: A major portion of administrative correspondence received from Office of Faculty and Student Records].</p> <p>Arrangement note</p> <p>Arranged in alphabetical order.</p> | |
| Bronk, D.W., 1956-1969 | box 30 folder 2 |
| <p>Scope and Contents note</p> <p>Includes some personal correspondence and items dealing with RU academic council and senate.</p> | |
| Campbell, C.I., 1957 | box 30 folder 3 |
| <p>Scope and Contents note</p> <p>Activities for RI QUARTERLY. Includes RI QUARTERLY article 1, no. 13 on Tatum's coming to RI.</p> | |
| Flinn, W.R. (Business manager and Petrezelka, C. (Bursar), 1956-1963 | box 30 folder 4 |
| Registrar (M.E. Lucius) | box 30 folder 5 |

Scope and Contents note

Includes RU catalog entries for Tatum laboratory.

Rockefeller, David

box 30

folder 6

Scope and Contents note

Concerning search for successor to D.W. Bronk.

E.L. Tatum recommends Joshua Lederberg and Eugene P. Kennedy for RU Presidency.

Seitz, F., 1968-1975 1972 May 10

box 30

folder 7

Scope and Contents note

Includes E.L. Tatum to W.O. Baker, Vice-Chairman, RU Board of Trustees, stating views on future of RU. Also includes items dealing with RU academic council and senate and with R. Nichols and C.E. Sunderlin on housing and parking problems.

Whitaker, D., 1956-1962

box 30

folder 8

Scope and Contents note

Includes some personal correspondence.

Faculty committees, 1958-1959 1966-1967

box 30

folder 9

Scope and Contents note

Includes:.

Arrangement note

Arranged in chronological order.

Biomedical support grant committee

Committee on lectures

Committee on faculty appointments and promotions

Committee on biological sciences inch E.L. Tatum chairman, 1967-1969 circa 1

box 30

folder 10

Scope and Contents note

Includes 1969 May committee report.

Faculty and students club, 1959 1966-1971

box 30

folder 11

Honorary degree committee

box 30

folder 12

Scope and Contents note

Includes presentations of honorary degrees by E.L. Tatum to:.

Donald D. Van Slyke, 1966

Fritz Lipmann, 1971

| | | |
|--------------------------------|--------|-----------|
| Miscellaneous activities at RU | box 30 | folder 13 |
|--------------------------------|--------|-----------|

E.L. Tatum involved in 1964 and 1967 visits of Russian scientists to RU, 1964-1967

RU seminar by Guiseppe Sermonti arrangements, 1972

| | |
|---------------------------------------|--------|
| Faculty committees involving students | box 31 |
|---------------------------------------|--------|

Scope and Contents note

Includes:.

| | |
|---|--------|
| Faculty committees for student courses. E.L. Tatum member of following: Primarily duplicated material | box 31 |
|---|--------|

| | |
|---|--------|
| Faculty committee to consider graduate program in organic chemistry and biochemistry (chairman of biochemistry curriculum subcommittee) | box 31 |
|---|--------|

| | |
|--|--------|
| Committee on genetics and evolution Spectroscopy committee | box 31 |
|--|--------|

| | | |
|-----------------|--------|----------|
| 1965-1966 March | box 31 | folder 1 |
|-----------------|--------|----------|

| | | |
|-----------------|--------|----------|
| 1966 April-1970 | box 31 | folder 2 |
|-----------------|--------|----------|

| | | |
|--|--------|----------|
| Faculty committee for student interviews; oral exams; and theses evaluations | box 31 | folder 3 |
|--|--------|----------|

| | |
|--------------------|--------|
| RU Course material | box 31 |
|--------------------|--------|

RU student courses E.L. Tatum involved in

Scope and Contents note

Includes Tatum lecture outlines and course planning. In 3 folders:.

| | | |
|--|--------|----------|
| Orientation lectures, 1958 January 27-28 | box 31 | folder 4 |
|--|--------|----------|

| | | |
|-------------------------|--------|----------|
| Molecular biology, 1958 | box 31 | folder 5 |
|-------------------------|--------|----------|

| | | |
|--|--------|----------|
| Frontiers of contemporary biology and related physical sciences, 1959-1961 | box 31 | folder 6 |
|--|--------|----------|

Student course material prior to RU

Scope and Contents note

Includes:.

| | | |
|---|--------|----------|
| "Fermentation chemistry" University of Wisc, 1936 | box 31 | folder 7 |
|---|--------|----------|

Scope and Contents note

1 bound notebook. [May have given course as research assistant at University of Wisc] (Continued in Box 32).

| | | |
|---|--------|-----------|
| Comparative biochemistry (Stanford), 1942-1944 | box 32 | folder 1 |
| General microbiology (Stanford), 1942-1943 | box 32 | folder 2 |
| Nutrition of microorganisms 1 spiral notebook, 1944 August | box 32 | folder 3 |
| 1945 winter #106, 1 spiral notebook, 1945 winter | box 32 | folder 4 |
| Mutation and cancer lecture, 1949 November 11 | box 32 | folder 5 |
| Genetics of microorganisms (Stanford), 1950 | box 32 | folder 6 |
| #242 (Stanford), 1952 January 26 | box 32 | folder 7 |
| Biology 148 Genetics of microorganisms (Stanford), 1952 | box 32 | folder 8 |
| Biology 152 Biochemical genetics (Stanford), 1953-1954 | box 32 | folder 9 |
| Biology 242 Comparative biochemistry (Stanford) ca. 1 inch, 1955 | box 32 | folder 10 |
| Biology 148 Genetics of microorganisms (Stanford), 1955 | box 32 | folder 11 |
| RU students dissertations | box 33 | |
| Fristrom, James L. Negatives and prints of figures only | box 33 | folder 1 |
| Mach, Bernard F. | box 33 | folder 2 |
| Reich, E. | box 33 | folder 3 |
| Rifkin, M.R. | box 33 | folder 4 |
| Shatkin, A. | box 33 | folder 5 |
| Simpson, L. (Tatum not advisor) | box 33 | folder 6 |
| Slayman, C.W. | box 33 | folder 7 |
| Laboratory | box 34 | |
| Budgets 1955; 1956 and 1957 (Stanford), 1955-1957 | box 34 | folder 1 |
| Scope and Contents note | | |
| Includes Stanford acctg records indicating expenditures applied to various grants 1956 Jan-Dec; 1957 Jan-Aug. | | |
| Budgets, 1957-1967 | box 34 | folder 2 |
| Budgets, 1968-1975 | box 34 | folder 3 |
| Budgets: Acctg records, 1965 July-1968 November | box 34 | folder 4 |
| Equipment. Service contracts for lab equipment, 1962-1975 | box 34 | folder 5 |

Scope and Contents note

Includes service reports.

| | | |
|----------|--------|----------|
| Isotopes | box 34 | folder 6 |
|----------|--------|----------|

Scope and Contents note

Includes correspondence and records.

| | | |
|-----------|--------|----------|
| Personnel | box 34 | folder 7 |
|-----------|--------|----------|

| | | |
|-------|--------|----------|
| Plans | box 34 | folder 8 |
|-------|--------|----------|

| | | |
|--|--------|----------|
| Travel vouchers For meetings attended by members of Tatum laboratory | box 34 | folder 9 |
|--|--------|----------|

| | | |
|--|--------|-----------|
| Vacations for non-faculty personnel, 1968-1973 | box 34 | folder 10 |
|--|--------|-----------|

| | | |
|------------------------------------|--------|--|
| Inquiries for positions, 1957-1971 | box 34 | |
|------------------------------------|--------|--|

Scope and Contents note

Includes: post-doctoral positions and admission to RU.

Arrangement note

Arranged in alphabetical order.

| | | |
|-----|--------|-----------|
| A-M | box 34 | folder 11 |
|-----|--------|-----------|

| | | |
|-----|--------|-----------|
| N-Y | box 34 | folder 12 |
|-----|--------|-----------|

| | | |
|-------------------|--------|--|
| Grants, 1950-1975 | box 35 | |
|-------------------|--------|--|

Scope and Contents note

Includes correspondence; applications; notifications; research reports and accounting records.

| | | |
|--------------------|--|--|
| Grants at Stanford | | |
|--------------------|--|--|

| | | |
|----------------|--------|----------|
| NIH, 1950-1953 | box 35 | folder 1 |
|----------------|--------|----------|

| | | |
|----------------|--------|----------|
| NIH, 1954-1957 | box 35 | folder 2 |
|----------------|--------|----------|

| | | |
|---|--------|----------|
| ACS. Annual report 1954 July-1955 June 30 only, 1954-1955 | box 35 | folder 3 |
|---|--------|----------|

Grants awarded to E.L. Tatum at RU

Scope and Contents note

Includes:.

| | | |
|----------------|--------|----------|
| NIH, 1957-1962 | box 35 | folder 4 |
|----------------|--------|----------|

| | | |
|----------------|--------|----------|
| NIH, 1959-1961 | box 35 | folder 5 |
|----------------|--------|----------|

| | | |
|---|--------|----------|
| NIH. Accounting records only, 1964-1966 | box 35 | folder 6 |
|---|--------|----------|

| | | |
|--|--------|-----------|
| NIH, 1964-1973 | box 35 | folder 7 |
| NIH Supplement, 1971-1972 | box 35 | folder 8 |
| NIH (Tatum and Wrathall), 1972-1975 | box 35 | folder 9 |
| Research Corporation (Tatum and Scott), 1971 1973-1975 | box 35 | folder 10 |

Grants awarded to investigators in Tatum Laboratory

Scope and Contents note

Includes:.

Arrangement note

Arranged in alphabetical and then in chronological order.

| | | |
|---|--------|-----------|
| NSF (S. Brody) Acctg records only, 1966-1968 | box 35 | folder 11 |
| NIH (E. Reich) Acctg records only, 1965-1967 | box 35 | folder 12 |
| NSF (C.A. Williams) Acctg records only, 1963-1966 | box 35 | folder 13 |
| NSF (C.A. Williams) Acctg records only, 1966-1967 | box 35 | folder 14 |
| NIH (C.A. Williams) Acctg records only, 1966-1969 | box 35 | folder 15 |
| NIH (C.A. Williams) Acctg records only, 1968-1969 | box 35 | folder 16 |
| NIH (C.A. Williams), 1970-1973 | box 35 | folder 17 |

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Conferences; meetings; seminars, 1946-1975

Scope and Contents note

Files consist of correspondence; programs; lists of participants; outlines, notes, abstracts and various drafts of addresses; some reprints; TV script and film reel. Includes participation in some television programs. Publication information cited for published papers [some not listed in Tatum bibliography].

Arrangement note

Arranged in chronological order in 7 boxes.

| Title/Description | Instances | |
|--|-----------|----------|
| NYC, NYU Herter lectureship on "Metabolism and the gene" (2 lectures), 1946 May 15-16 | box 36 | folder 1 |
| Brooklyn, NY Brooklyn Botanic Garden lecture on "The role of genetics in the nutrition of microorganisms", 1947 January 22 | box 36 | folder 2 |
| San Francisco, ASBC 46th annual meeting. S.R. Gross and E.L. Tatum "The incorporation of carbon atoms 1 and 6 of | box 36 | folder 3 |

glucose into protocatechuic acid" Published in: FEDERATION
PROCEEDINGS 14 (1955) 221, 1955 April 11-15

| | | |
|---|--------|----------|
| NYC RI morphogenesis discussion group meeting, 1957 April 8 | box 36 | folder 4 |
|---|--------|----------|

Scope and Contents note

Tatum "Some molecular aspects of differentiation".

| | | |
|--|--------|----------|
| Gatlinburg, Tenn ORNL 11th annual biology research conference on genetic approaches to somatic cell variation, 1958 April 2-5 | box 36 | folder 5 |
|--|--------|----------|

Scope and Contents note

Tatum chairs round table discussion on "Molecular basis of
the cause and expression of somatic cell variation".

Published in JOURNAL OF CELLULAR AND
COMPARATIVE PHYSIOLOGY 25 (1958) 313-336.

| | | |
|--|--------|----------|
| NYC Barbizon Plaza Hotel, New York, 1959 January 6 | box 36 | folder 6 |
|--|--------|----------|

Scope and Contents note

Academy of Sciences conference on genetics
of streptomyces and other antibiotic-producing
microorganisms.

Tatum chairs P.M. session and gives introductory remarks.

| | | |
|---|--------|----------|
| NYC Hotel Roosevelt ACS NY section symposium on valence, molecular structure and vital processes, 1959 March 6 | box 36 | folder 7 |
|---|--------|----------|

Scope and Contents note

Tatum involved in planning but does not attend.

| | | |
|---|--------|----------|
| NYC NBC TV Program Tactic on the philosophy of cancer today, 1959 March 17 | box 36 | folder 8 |
|---|--------|----------|

Scope and Contents note

Tatum participates.

| | | |
|--|--------|----------|
| Walla Walla, Walt Whitman College centennial lecture, 1959 April 20 | box 36 | folder 9 |
|--|--------|----------|

Scope and Contents note

Tatum "A century of progress in genetics".

| | | |
|--|--------|-----------|
| New Brunswick, NJ Rutgers University Institute of microbiology 5th annual meeting, 1959 June 10 | box 36 | folder 10 |
|--|--------|-----------|

Scope and Contents note

Tatum "Microorganisms, catalysts of change in biological concepts".

| | | |
|--|--------|-----------|
| Charlottesville, Va University of Virginia, 1959 November 23 | box 36 | folder 11 |
|--|--------|-----------|

Scope and Contents note

School of Medicine, John F. Anderson memorial lecture.

Tatum "Molecular genetics - microbes to man?".

| | | |
|---|--------|-----------|
| Jersey City, NJ Seton Hall College of Medicine, 1960 February 3 | box 36 | folder 12 |
|---|--------|-----------|

Scope and Contents note

Tatum installing officer and speaker for Sigma Xi chapter of Seton Hall College of Medicine.

| | | |
|---|--------|-----------|
| NYC Hunter College Bronx Campus 14th annual Eastern Colleges science conference, 1960 April 22-24 | box 36 | folder 13 |
|---|--------|-----------|

Scope and Contents note

Tatum "Molecular genetics".

| | | |
|--|--------|-----------|
| NYC NBC Continental classroom telecast lesson in modern chemistry, 1960 May 25 | box 36 | folder 14 |
|--|--------|-----------|

Scope and Contents note

Tatum lesson //158 "Biochemistry of heredity".

[See film reel #1-16mm sound kinescope. Can be run on any 16 mm projector].

Includes copy of Wendell M. Stanley lesson #156 "Nucleoproteins and viruses".

| | | |
|---|--------|-----------|
| Chicago, Ill. 29th annual meeting of American Academy of Pediatrics symposium on current concepts of cell organization, 1960 October 17 | box 36 | folder 15 |
|---|--------|-----------|

Scope and Contents note

Tatum "Genetics".

| | | |
|---|--------|-----------|
| NYC Columbia University meeting of Torrey Botanical Club honoring B.O. Dodge, 1960 October 25 | box 36 | folder 16 |
|---|--------|-----------|

Scope and Contents note

Tatum "Contributions of Bernard O. Dodge to biochemical genetics".

Published in BULLETIN OF THE TORREY BOTANICAL CLUB 88 (1961) 115-118.

| | | |
|--|--------|-----------|
| Toronto, Canada CBC Toronto TV interview, circa 196[?] January 24 | box 36 | folder 17 |
| Scope and Contents note | | |
| Tatum "New genetics". | | |
| NYC Cornell University Medical College lecture "No title", 1961 March 4 | box 36 | folder 18 |
| NYC New York Academy of Medicine, section of microbiology symposium on fungi and fungus diseases, 1961 March 9-10 | box 36 | folder 19 |
| Scope and Contents note | | |
| Tatum chairs session "Metabolism and genetics of fungi". | | |
| Houston, Texas University of Texas Postgraduate School of Medicine 3rd annual Mike Hogg lectureship, 1961 May 9 | box 36 | folder 20 |
| Scope and Contents note | | |
| Tatum "Molecular genetics, microbes to man". | | |
| NYC Cornell University Medical College Alpha Omega Alpha lecture, 1961 May 11 | box 36 | folder 21 |
| Scope and Contents note | | |
| Tatum "The spore with nerve (s) ". | | |
| Cold Spring Harbor syposia on quantitative biology XXVI cellular regulatory mechanisms, 1961 June 4-12 | box 36 | folder 21 |
| Scope and Contents note | | |
| Tatum participates. | | |
| Moscow, V International Congress of Biochemistry, 1961 August 10-16 1961-1963 | box 36 | folder 21 |
| Scope and Contents note | | |
| Session 3: Symposium on evolutionary biochemistry Tatum "Biochemical genetics and evolution" Published in: COMPARATIVE BIOCHEMISTRY AND PHYSIOLOGY 4 (1962) 241-248 and In: International Congress of Biochemistry, 5th, Moscow, 1961. Proceedings, v. 3. New York, Macmillan, 1963. pp. 178-186. | | |
| Rome, 2nd International conference of human genetics, 1961 September 7-12 | box 37 | folder 1 |

Scope and Contents note

Tatum chairs round table on microbial and biochemical genetics and presents "same title".

Published In: International Congress of Human Genetics, 2nd, Rome, 1961. Proceedings. Istituto G. Mendel, 1963. pp. 509-511.

| | | |
|--|--------|----------|
| Colorado Springs, Pharmaceutical Manufacturers Assoc (PMA) research management meeting, 1961 October 23-25 | box 37 | folder 2 |
|--|--------|----------|

Scope and Contents note

Tatum "The gene and you".

| | | |
|---|--------|----------|
| Kansas City, Mo. Centennial convocation of Land-Grant Institutions, 1961 November 12-16 | box 37 | folder 3 |
|---|--------|----------|

Scope and Contents note

Tatum as RI representative attends dinner honoring Nobel prize winners.

| | | |
|---|--------|----------|
| Brooklyn, NY Downstate Medical Center Research Society annual lecture, 1961 December 18 | box 37 | folder 4 |
|---|--------|----------|

Scope and Contents note

Tatum "Some recent studies on the biology and morphology of the mold, Neurospora".

| | | |
|---|--------|----------|
| Madison, Wisc. University Wisconsin, President Kennedy's panel for mental retardation meeting, 1962 March 9 | box 37 | folder 5 |
|---|--------|----------|

Scope and Contents note

Tatum task force committee member on genetic aspects of mental retardation comments.

| | | |
|--|--------|----------|
| College of Physicians and Surgeons Columbia University symposium on basic problems in neoplastic disease, 1962 March 12-14 | box 37 | folder 6 |
|--|--------|----------|

Scope and Contents note

Tatum chairs session on viral and genetic studies and delivers chairman's remarks. Published In: Gellhorn, A. and Hirschberg, E. eds., Basic problems in neoplastic disease; symposium commemorating the 50th anniversary of the Institute of Cancer Research, Columbia University, and the 10th anniversary of the Francis Delafield Hospital, March 12-1, 1962. New York, Columbia University Press, 1962. pp. 69-71.

[Not listed in Tatum bibliography].

| | | |
|--|--------|----------|
| Westfield, NJ Westfield Senior H.S. Saturday science program, 1962 April 14 | box 37 | folder 7 |
|--|--------|----------|

Scope and Contents note

Tatum "Session on genetics".

| | | |
|--|--------|----------|
| Rutgers Institute of Microbiology symposium on informational macromolecules, 1962 September 5-7 | box 37 | folder 8 |
|--|--------|----------|

Scope and Contents note

Tatum chairs session on amino acid Code I and gives
Chairman's remarks.

Published In: Vogel, H.J., Bryson, V. and Lampen, J. Oliver,
eds., Informational macromolecules, a symposium. New
York, Academic Press, 1963. pp. 175-176. [Not listed in
Tatum bibliography] and.

E. Reich delivers paper by E. Reich, G. Acs, B. Mach
and E.L. Tatum "Some properties of RNA metabolism in
mammalian and bacterial cells".

[Same publication information as above pp. 317-333].

| | | |
|---|--------|----------|
| University of Chicago, Tatum delivers, 1962 November 13 | box 37 | folder 9 |
|---|--------|----------|

Scope and Contents note

Carlson memorial lecture "Genes, cells and organisms".

| | | |
|--|--------|-----------|
| Rome, Food and Agriculture Organization (FAO) of the U.N. conference to focus world attention on the problem of hunger and malnutrition, 1963 March 14 | box 37 | folder 10 |
|--|--------|-----------|

Scope and Contents note

Tatum participates.

| | | |
|--|--------|-----------|
| Philadelphia, Pa. Hahnemann Medical College 17th annual undergraduate research society day, 1963 March 20 | box 37 | folder 11 |
|--|--------|-----------|

Scope and Contents note

Tatum "Molecular genetics - microbes to man".

| | | |
|---|--------|-----------|
| Oxford, Ohio Ohio Wesleyan symposium on the control of human heredity and evolution, 1963 April 6 1965 | box 37 | folder 12 |
|---|--------|-----------|

Scope and Contents note

Published In: Sonneborn, T.M. ed., The control of human heredity and evolution. New York, Macmillan, 1965. pp. 20-34.

Includes various drafts of Tatum "Perspectives from physiological genetics".

Guadalajara, Mexico II Pan-American symposium on pharmacology and therapeutics, 1963 August 7-10

box 37

folder 13

Scope and Contents note

Published in REVISTA DE INVESTIGACION 3 (1963) 27-54 [Bound volume lacks reprint] Possibly repeated at Mexican Society of Biochemistry.

Includes various drafts (one a Spanish translation) of Tatum "Pharmacology and molecular genetics".

Washington, DC NAS centennial symposia, 1963 October 21-24

box 38

folder 1

Scope and Contents note

Oct 23 Tatum "Genetic determinants".

Published in PNAS 51 (1964) 908-915.

NYC Pirquet Society of Clinical Medicine meeting, 1963 November 13

box 38

folder 2

Scope and Contents note

Tatum presents Pirquet lecture "Medicine and molecular genetics".

Published in BULLETIN OF THE NEW YORK ACADEMY OF MEDICINE 40 (1964) 361-376.

Includes Paul Weiss reprint "Introduction of Professor Edward L. Tatum at the Clemens Von Pirquet meeting".

Gustav Stern symposiums on Perspectives in Virology, NYC

box 38

folder 3

Scope and Contents note

E.L. Tatum as member of program committee assists in planning and attending symposiums. Includes:.

1964 February 3-4

1966 February 7-8

1968 January 29-30

1970 February 2

1972 February 7-8

1974 February

NYC New York Heart Assoc symposium on differentiation and development, 1964 February 7-8

box 38

folder 4

Scope and Contents note

Tatum chairs session on roles of genes in development and gives "General survey".

Published in JOURNAL OF EXPERIMENTAL ZOOLOGY
157 (1964) 3-8.

NYC CCNY lecture, 1964 February 13

box 38

folder 5

Scope and Contents note

Tatum "Molecular genetics, past, present, and future".

RU seminar on biochemical genetics for science writers, 1964
May 14

box 38

folder 6

Scope and Contents note

Tatum "Biochemical genetics".

Ann Arbor University of Michigan Medical School Human
Genetics laboratory dedication, 1964 June 11

box 38

folder 7

Scope and Contents note

Tatum "Molecular genetics in human biology".

New Brunswick, NJ Rutgers Institute of microbiology symposium
on evolving genes and proteins, 1964 September 17-18

box 38

folder 8

Scope and Contents note

Tatum "Evolution and molecular biology" Opening address.

Published In: Bryson, V., and Vogel, H.J. eds., Evolving
genes and proteins. New York, Academic Press, 1965. pp.
3-10.

"St. Paul, Minn Gustavus Adolphus 1st Nobel conference on
genetics and the future of man", 1965 January 7-8

box 38

folder 9

Scope and Contents note

Tatum "The possibility of manipulating genetic change".

Published In: Roslansky, J.D. ed., Nobel Conference, 1st
Gustavus Adolphus College, 1965. Genetics and the future
of man. New York, Appleton-Century-Crofts, 1966. pp.
51-61.

Includes copies of addresses and abstracts by: Kusch; Reed (abstract only); B. Glass; Wm. Shockley. Also includes an exchange of correspondence sent by Shockley to Tatum concerning Shockley's address (one from G.W. Beadle with Shockley's reply).

| | | |
|---|--------|-----------|
| La Jolla, Calif. Scripps Clinic Society of Fellows 3rd James W. Sherrill lecture, 1965 March 24 | box 38 | folder 10 |
|---|--------|-----------|

Scope and Contents note

Tatum "Biology and molecular genetics".

| | | |
|--|--------|----------|
| NYC Travelers Insurance Companies seminar Tatum panelist in round table discussion on the future of man, 1965 April 19 | box 39 | folder 1 |
|--|--------|----------|

| | | |
|--|--------|----------|
| NYC Sloan-Kettering Institute for Cancer Research symposium on macromolecules and cancer, 1965 October 18-20 | box 39 | folder 2 |
|--|--------|----------|

Scope and Contents note

Tatum chairs session "Genetics and macromolecules" and gives "Introductory remarks" Published in CANCER RESEARCH 26 (1966) 1958 [Not listed in Tatum bibliography] [See bound volume 3. In June 1980 the bound volume of Symposium on macromolecules and cancer at Sloan-Kettering Institute given to RU Archives by Joshua Lederberg].

| | | |
|--|--------|----------|
| At RU RU/State University of NY symposium on the future of biology, 1965 November 26 | box 39 | folder 3 |
|--|--------|----------|

Scope and Contents note

Published In: The future of biology: a symposium sponsored by the Rockefeller University and the State University of New York, New York, 1965. State University of New York, 1966. [no inclusive pages in bibliography]. [Bound volume lacks reprint].

Includes outline of Tatum "Physical chemical studies of macromolecules and their significance to the future of biology".

| | | |
|---|--------|----------|
| RU meeting "to discuss informally prospects for genetic intervention in humans based on the understandings and insights that have been obtained in molecular biology", 1966 October 1 | box 39 | folder 4 |
|---|--------|----------|

Scope and Contents note

Tatum participates.

| | | |
|---|--------|----------|
| NYC Columbia University Club, New York Academy of Dentistry seminar, 1966 October 6 | box 39 | folder 5 |
|---|--------|----------|

Scope and Contents note

Tatum "The new look in biology".

| | | |
|---|--------|----------|
| At RU Russell Sage Foundation/ RU/Social Science Research Council conference on biology and behavior: genetics, 1966 November 18-19 | box 39 | folder 6 |
|---|--------|----------|

Scope and Contents note

Tatum attends one day (Nov 19).

| | | |
|---|--------|----------|
| Mexico City symposium on enzymatic aspects of metabolic regulation, 1966 November 28-December 1 | box 39 | folder 7 |
|---|--------|----------|

Scope and Contents note

Tatum "Discussion" on papers presented November 30.

Published In: Stulberg, M.P. ed., International symposium [on] enzymatic aspects of metabolic regulation. Bethesda, National Cancer Institute, 1967. (Monograph, 27) pp. 243-245.

| | | |
|--|--------|----------|
| NYC RAI television program (Italian radio TV station) "The future of man", 1967 April 28 | box 39 | folder 8 |
|--|--------|----------|

Scope and Contents note

Tatum answers questions.

| | | |
|--|--------|----------|
| La Jolla, Calif. 26th symposium of the Society for Developmental Biology on control mechanisms in developmental processes June 19 Tatum "Nuclear and cytoplasmic control processes in the morphology of Neurospora", 1967 June 19-21 | box 39 | folder 9 |
|--|--------|----------|

Scope and Contents note

Tatum and Luck Published In: Locke, Michael, ed., Control mechanisms in developmental processes. New York, Academic Press, 1967. pp. 32-42.

| | | |
|--|--------|-----------|
| New Jersey [Information from original folder] Outline of address "no title", 1967 October 31 | box 39 | folder 10 |
|--|--------|-----------|

| | | |
|--|--------|-----------|
| NYC National Cystic Fibrosis Research Foundation / U.S. Public Health Service symposium on cystic fibrosis and related human and animal diseases, 1968 February 29-March 2 | box 39 | folder 11 |
|--|--------|-----------|

Scope and Contents note

Tatum "Molecular engineering".

| | | |
|--|--------|-----------|
| Cincinnati, Ohio University of Cincinnati College of Medicine 32nd Rachford symposium to dedicate Institute for developmental research, 1968 June 19 | box 39 | folder 12 |
|--|--------|-----------|

Scope and Contents note

Tatum "Molecular biology and mental retardation research".

| | | |
|--|--------|-----------|
| Aspen, Colorado 5th annual pathobiology conf Tatum "Gene action", 1968 August 4-13 | box 39 | folder 13 |
|--|--------|-----------|

| | | |
|---|--------|-----------|
| Dallas, National Science Teachers Assoc convention on horizons for the 70's, 1969 March 21-25 | box 39 | folder 14 |
|---|--------|-----------|

Scope and Contents note

Tatum Damon lecturer "Science and citizen: horizons for the 70's.

Published in THE SCIENCE TEACHER 36 (1969) 10-16.

| | | |
|--|--------|----------|
| Boston, Children's Hospital centennial celebration, 1969 April 18-19 | box 40 | folder 1 |
|--|--------|----------|

Scope and Contents note

Tatum "Molecules, genes and child health".

| | | |
|---|--------|----------|
| St. Peter, Minn. Gustavus Adolphus Nobel conference, 1971 January 6-7 | box 40 | folder 2 |
|---|--------|----------|

Scope and Contents note

Includes handwritten note by Mrs. Rous on "Tribute" [Not listed in Tatum bibliography].

Tatum "Tribute to Peyton Rous".

| | | |
|---|--------|----------|
| Colorado Springs, Teaching Institute of the Assoc of the American Medical Colleges, 1971 December 3-7 | box 40 | folder 3 |
|---|--------|----------|

Scope and Contents note

Tatum "The role of the medical school in guiding the evolution of our understanding of human biology".

| | | |
|--|--------|----------|
| RU lecture-seminar series on science and the evolution of public policy Tatum member of advisory group for lecture series, 1971 October-1972 circa April | box 40 | folder 4 |
|--|--------|----------|

| | | |
|--|--------|----------|
| Notre Dame, Ind. University of Notre Dame dedication of Galvin Life Science center Tatum "Dedication of Galvin Life Science Center", 1972 April 28 | box 40 | folder 5 |
|--|--------|----------|

| | | |
|---|--------|----------|
| Washington, DC American Society of Zoologists symposium on role of RNA in reproduction and development, 1972 December 28-30 | box 40 | folder 6 |
|---|--------|----------|

Scope and Contents note

Tatum "Nucleic acid induced genetic changes in Neurospora".

Published: Mishra, N.C., Szabo, G. and Tatum E.L. In: Niu, Mann Chiang. The role of RNA reproduction and development. New York, American Elsevier, 1973. pp. 259-268.

| | | |
|--|--------|----------|
| Upton, L.I. Brookhaven symposium in biology, 1973 June 4-6 | box 40 | folder 7 |
|--|--------|----------|

Scope and Contents note

Paper presented by Wm. A. Scott "Biochemical genetics of morphogenesis in Neurospora".

Published: Scott, W.A., Mishra, N.C. and Tatum, E.L. In: Brookhaven Symposia in Biology: #25: Basic mechanisms in plant morphogenesis, 1973. pp. 1-18.

| | | |
|---------------------------------|--------|--|
| Invitations declined, 1956-1975 | box 41 | |
|---------------------------------|--------|--|

Scope and Contents note

Primarily invitations to meetings; conferences; seminars declined.

Includes some miscellaneous other invitations declined.
Includes such places as: University of Pennsylvania, Stanford University School of Medicine, President, USA invitation at presentation of 1966 recipients of the National Medal of Science, NAS (COSUP) Committee on Science and Public Policy (membership in), American Cancer Society, Harvard University, Sigma Xi lectures at various institutions.

| | | |
|-----------|--------|----------|
| 1956-1961 | box 41 | folder 1 |
|-----------|--------|----------|

| | | |
|-----------|--------|----------|
| 1962-1965 | box 41 | folder 2 |
|-----------|--------|----------|

| | | |
|-----------|--------|----------|
| 1966-1968 | box 41 | folder 3 |
|-----------|--------|----------|

| | | |
|-----------|--------|----------|
| 1969-1975 | box 41 | folder 4 |
|-----------|--------|----------|

| | | |
|---|--------|--|
| Records of reimbursements (expenses and honorariums), 1952-1975 | box 42 | |
|---|--------|--|

Scope and Contents note

Primarily check stubs; expense and travel vouchers for travel reimbursement and honorariums for consultations, editorial services and addresses.

| | | |
|-----------|--------|----------|
| 1952-1957 | box 42 | folder 1 |
|-----------|--------|----------|

| | | |
|-----------|--------|----------|
| 1958-1960 | box 42 | folder 2 |
|-----------|--------|----------|

| | | |
|-----------|--------|----------|
| 1961-1966 | box 42 | folder 3 |
| 1967-1975 | box 42 | folder 4 |

[^ Return to Table of Contents](#)

Annual scientific reports and manuscript material, 1956-1975

Scope and Contents note

Files consist of correspondence; various drafts of manuscripts with working material; galley proofs; reprints of published papers; referees comments; some laboratory notes; photographic prints of figures. [Some published manuscripts not listed in Tatum bibliography]. In chronological order by publication date. [See also under: Correspondence; Subject Files; and Meetings for additional manuscript material (some published)].

| Title/Description | Instances | |
|--|-----------|----------|
| Annual Scientific Reports 1957-1975; lacks 1964-1968; (1962-1963 research report - no annual report published for this year), 1957-1975 | box 43 | folder 1 |
| E.L. Tatum and S.R. Gross Incorporation of carbon atoms 1 and 6 of glucose into protocatechuic acid by Neurospora J BIOL CHEM 219, 797-807, 1956 | box 43 | folder 2 |
| E.L. Tatum Review of published symposium "A symposium on the chemical basis of heredity" SCIENCE 126, 313-314, 1957 | box 43 | folder 3 |
| E.L. Tatum Nobel lecture A case history in biology research (as published in) SCIENCE 129, 1711-1715, 1959 | box 43 | folder 4 |
| E.L. Tatum Book review: Human biochemical genetics by H. Harris ARCH BIOCHEM BIOPHYS 90, 162, 1960 | box 43 | folder 5 |

Scope and Contents note

[Not listed in Tatum bibliography].

| | | |
|-------------------------------|--------|----------|
| S. Tsuda and E.L. Tatum, 1961 | box 43 | folder 6 |
|-------------------------------|--------|----------|

Scope and Contents note

Intracellular crystalline ergosterol in Neurospora JBBC 11, 171-177.

| | | |
|------------------------------------|--------|----------|
| Noël de Terra and E.L. Tatum, 1963 | box 43 | folder 7 |
|------------------------------------|--------|----------|

Scope and Contents note

Includes copy of R.L. Metzenberg ms "The localization of B-fructofuranosidase in Neurospora" with Tatum review.

A relationship between cell wall structure and colonial growth in *Neurospora crassa* AMER J BOTANY 50, 669-677.

B. Mach, E. Reich and E.L. Tatum, 1963

box 43

folder 8

Scope and Contents note

Separation of the biosynthesis of the antibiotic polypeptide tyrocidine from protein biosynthesis PNAS 50, 175-181.

L. Garnjobst, J.F. Wilson and E.L. Tatum, 1965

box 43

folder 9

Scope and Contents note

Studies on a cytoplasmic character in *Neurospora crassa* JCB 26, 413-425.

E.G. Diacumakos, L. Garnjobst and E.L. Tatum, 1965

box 43

folder 9

Scope and Contents note

A cytoplasmic character in *Neurospora crassa*. The role of nuclei and mitochondria.

JCB 26, 427-443.

P.R. Mahadevan and E.L. Tatum, 1965

box 43

folder 10

Scope and Contents note

Relationship of the major constituents of the *Neurospora crassa* cell wall to wild-type and colonial morphology (title change from original ms) J BACTERIOLOGY 90, 1073-1081.

E.L. Tatum Joshua Lederberg. (Prepared for), 1966

box 43

folder 11

Scope and Contents note

THE ENCYCLOPEDIA OF AMERICA [Not listed in Tatum bibliography].

E.L. Tatum, 1966

box 43

folder 12

Can genes be made to order?

MEDICAL WORLD NEWS Oct 28 issue, pp. 105, 108, 109, 112, 113

[Not listed in Tatum bibliography]

E.L. Tatum, "Molecular biology, nucleic acids and the future of medicine", 1966 1967

box 43

folder 13

Scope and Contents note

In PERSPECTIVES IN BIOLOGY AND MEDICINE 10 (1966) 19-32 (At 1966 May 26 Merck symposium) and in: Lyght, Charles E. ed., Reflections on research and the future of medicine. New York, McGraw-Hill, 1967. pp. 31-49 (slight variation).

Includes numerous items on 1966 May Merck symposium. Also includes news release and transcript of 1966 Sept WNBC television program "The future of medicine" Tatum participates in [See also box no. 20 Subject Files: Merck, Sharp and Dohme].

| | | |
|---------------------------------|--------|-----------|
| B. Crocken and E.L. Tatum, 1967 | box 43 | folder 14 |
|---------------------------------|--------|-----------|

Scope and Contents note

Sorbose transport in *Neurospora crassa*.

BB ACTA 135, 100-105.

| | | |
|-------------------------------|--------|-----------|
| S. Brody and E.L. Tatum, 1967 | box 43 | folder 15 |
|-------------------------------|--------|-----------|

Scope and Contents note

Phosphoglucomutase mutants and morphological changes in *Neurospora crassa*.

PNAS 58, 923-930.

| | | |
|-----------------------------------|--------|-----------|
| L. Garnjobst and E.L. Tatum, 1967 | box 43 | folder 16 |
|-----------------------------------|--------|-----------|

Scope and Contents note

Includes correspondence on Garnjobst and Tatum "crisp paper "New crisp genes and crisp modifiers in *Neurospora*". Published in 1970. [Lacks reprint in bound volume].

GENETICS 57, 579-604.

A survey of new morphological mutants in *Neurospora crassa*.

| | | |
|--|--------|----------|
| M.P. Morgan, L. Garnjobst and E.L. Tatum, 1967 | box 44 | folder 1 |
|--|--------|----------|

Scope and Contents note

Linkage relationship of new morphological mutants in linkage group V of *Neurospora crassa*.

GENETICS 57, 605-615.

| | | |
|---------------------------------|--------|----------|
| B. Crocken and E.L. Tatum, 1968 | box 44 | folder 2 |
|---------------------------------|--------|----------|

Scope and Contents note

The effect of sorbose on metabolism and morphology of
Neurospora BB ACTA 156, 1-8.

P.R. Mahadevan and E.L. Tatum, 1967

Scope and Contents note

Localization of structural polymers in the cell wall of
Neurospora crassa J CELL BIOL 35, 295-302. In 3 folders:.

| | | |
|--|--------|----------|
| Corres; various drafts of ms; printer's and galley proofs with figures | box 44 | folder 3 |
| Photographic prints of figures (multiple copies) | box 44 | folder 4 |
| Retakes of P.R. [Mahadevan] #11,13 by D.D. Luck on 5/17/67 [Information from original folder] Possibly used | box 44 | folder 5 |

E.L. Tatum. Preface, 1967

box 44

folder 6

Scope and Contents note

In: Leonard Engle, THE NEW GENETICS. Doubleday,
Garden City, New York, 1967. pp. 220.

[Not listed in Tatum bibliography].

W.A. Scott and E.L. Tatum, 1970

box 45

folder 1

Scope and Contents note

Glucose-6-phosphate dehydrogenase and Neurospora
morphology.

PNAS 66, 515-522.

N.C. Mishra and E.L. Tatum, 1970

box 45

folder 2

Scope and Contents note

Phosphoglucomutase mutants of Neurospora sitophila and
their relation to morphology.

PNAS 66, 638-645.

L. Garnjobst and E.L. Tatum, 1970

box 45

Scope and Contents note

New crisp genes and crisp-modifiers in Neurospora crassa.
GENETICS 66, 281-290.

| | | |
|---|--------|----------|
| Corres; reviewers' comments; various drafts of ms and some working material | box 45 | folder 3 |
| Working material kept in order found | box 45 | folder 4 |

N.C. Mishra and E.L. Tatum, 1972

box 45

folder 5

Scope and Contents note

Effect of L-sorbose on polysaccharide synthetases of *Neurospora crassa*.

PNAS 69, 313-317.

E.G. Diacumakos and E.L. Tatum, 1972

box 45

folder 6

Scope and Contents note

Fusion of mammalian somatic cells by microsurgery.

PNAS 69, 2959-2962.

C.R. Wrathall and E.L. Tatum, 1973

box 45

folder 7

Scope and Contents note

The peptides of the hyphal wall of *Neurospora crassa*.

J GEN MICROBIOLOGY 78, 139-153.

N.C. Mishra and E.L. Tatum, 1973

box 45

folder 8

Scope and Contents note

Non-Mendelian inheritance of DNA-induced inositol independence in *Neurospora*.

PNAS 70, 3875-3879.

N.C. Mishra and E.L. Tatum, 1975

box 45

folder 9

Scope and Contents note

Induction by RNA of inositol independence in *Neurospora crassa*.

PNAS 72, 642-655.

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Laboratory notes, 1937-1975**Scope and Contents note**

Files consist of notes (earliest notes in spiral notebooks); experimental data and calculations; graphs; various stock culture lists; keys; photographic prints. Some notes indexed and pages hand-numbered. Some by others.

Arrangement note

Kept in order found. In approximate chronological order.

| Title/Description | Instances | |
|--|-----------|----------|
| Eye color hormones, 1937-1939 | box 46 | folder 1 |
| Scope and Contents note | | |
| Includes:. | | |
| #1, 1937-1938 | | |
| #2, 1938-1939 | | |
| #3, 1939 | | |
| Eye pigments. 1 spiral notebook, 1939 | box 46 | folder 2 |
| 3 spiral notebooks | box 46 | folder 3 |
| Scope and Contents note | | |
| Includes:. | | |
| Starvation and nutrition - Book II, 1939 May | box 46 | folder 3 |
| Nutrition - Factor II and I, III - Book III, 1939 November-1940 September | box 46 | folder 3 |
| Scope and Contents note | | |
| Includes reprint of Tatum "Nutritional requirements of <i>Drosophila melanogaster</i> . PNAS 25 (1939) 490-497. [Lacks reprint in bound volume]. | | |
| Drosophila nutrition - Book IV, 1940 October 16 | box 46 | folder 3 |
| Sterile feeding I, [Year?] [J. Lederberg's note "probably 1939-1940" - on folder] Dec, January-May | box 46 | folder 4 |
| 3 spiral notebooks | box 46 | folder 5 |
| Scope and Contents note | | |
| Includes:. | | |
| V + Hormone - Chemistry - Book #4, 1940 January 22 | | |
| Chemistry - V + Bacterial - Book #5, 1940 May 2 | | |
| Hormones - Book #6, 1941 Jan | | |
| Toxin (1 spiral notebook), 1940-1941 | box 46 | folder 6 |
| In 2 spiral notebooks, 1942-1943 | box 46 | folder 7 |

Scope and Contents note

Includes:.

Neurospora W-1.

Neurospora W-II W experiments.

Neurospora notebooks, 1941 March-1942 March

box 46

folder 8

Scope and Contents note

Includes:.

Neurospora I, 1941 March

Scope and Contents note

Includes N-index and on [Oct 11, 1977 Joshua Lederberg examined the E.L. Tatum laboratory notebooks. Dr. Lederberg comments that this notebook is the most significant one on Neurospora. This records the initial work done on Neurospora.].

Neurospora II, 1941 October

Neurospora III pab, isol-val, miscellaneous, 1941 December

Neurospora IV pab and misc, 1942 March

[Joshua Lederberg further comments on Box 46 of Laboratory notes. Handwritten by J. Lederberg. Photocopy with encl].
[11/14/1982 E L T With the exception of Neurospora I (Mar 194 which dates the inception of Neurospora work (examined by me 11/77) there is not much than can be deciphered from these notebooks. The Drosophila books are mostly extraction/fractionation schemes for pigments; precursors (?), etc. I do not know what "toxin" is about, cf copies of a few pages copied out, encl. " Signed J. Lederberg]

box 46

folder 9

[Neurospora notebooks continued in Box 47]

box 46

folder 9

Neurospora notebooks, 1942 September-1946 April

box 47

folder 1

Scope and Contents note

Includes:.

Neurospora V Tryptophane 10575, 1942 September

Neurospora VI purples, B6 curves, coli-u.v. biotin-bacteria, 1943 March

Neurospora VII Tryptophane, 1943 April

Neurospora VIII Tryptophane [Neurospora IX and X lacking], 1943 October

Neurospora XI B1-B6, 1945 February

| | | |
|--|--------|----------|
| Neurospora XII Histidine and miscellaneous N ¹ # glycine etc., 1946 April | | |
| Neurospora notebooks, 1946 October-1948 February | box 47 | folder 2 |
| Scope and Contents note | | |
| Includes:. | | |
| Neurospora XIII Y6994 and Y7655, 1948 February | | |
| Neurospora XIV N ¹ # tryptophane, histidine 4 & Y 249, 1946 October | | |
| Neurospora XV 6994 enrichment, detect, 1946 October | | |
| Neurospora XVI Coli 5-recombination and transformation - detection, etc. techniques, 1947 October | | |
| Neurospora, 1946-1950 | box 47 | folder 3 |
| Scope and Contents note | | |
| Includes:. | | |
| Neurospora - Chemically induced mutations, 1947 February-1947 March | | |
| Chemically induced mutations, 1947 April-1950 September | | |
| Neurospora isolates. In 2 spiral notebooks, 1946 January-1948 April | box 47 | folder 4 |
| Scope and Contents note | | |
| Includes: Master books 5 and 6. | | |
| 2 spiral notebooks, 1945-1946 | box 47 | folder 5 |
| Scope and Contents note | | |
| Includes:. | | |
| Biotin - Bacteria A.A. Inhibit. etc., 1945 March | | |
| Penicillin I - Coli - chem. Induct. coli-4, 1946 January | | |
| 3 spiral notebooks by others, 1946-1947, undated | box 47 | folder 6 |
| Scope and Contents note | | |
| Includes:. | | |
| notes - Dolly von Hacht - Yale, 1946 | | |
| Anne Flynn, 1947 | | |
| D.J.R.- crosses for quadruple, [undated] | | |

| | | |
|---|--------|-----------|
| Lyophil - multiple stocks (Stanford, miscellaneous, Yale mutants), [undated] | box 48 | folder 1 |
| Lyophil cultures (Old Stanford, Yale, circa 1948? | box 48 | folder 2 |
| Scope and Contents note master books - other data of this date (also mutant descriptions). | | |
| Lyophil - Neurospora (Beadle and Tatum; Yale; Stanford; RU; miscellaneous), [undated] | box 48 | folder 3 |
| Mutant index cultures (includes Neurospora mutants), 1947 1949 | box 48 | folder 4 |
| Vitamin stock cultures, 1947 1950 1956 | box 48 | folder 5 |
| Folic + Fac II (Laura Garnjobst notes), 1947 February 1947 September-November | box 48 | folder 6 |
| Shikimic acid, 1947 1949 1950 | box 48 | folder 7 |
| Scope and Contents note Includes some laboratory notes and primarily correspondence dealing with testing of various compounds for the role of shikimic acid in Neurospora. Includes 1947 report by S.E. Reaume to Nutrition Foundation. | | |
| [nd] CD experiments etc. | box 48 | folder 8 |
| Miscellaneous notes, 1947 1948 1951 1952 1954 1955 1962 1965 | box 48 | folder 9 |
| Scope and Contents note Includes Neurospora; SFO and Pab controversy and 1947 correspondence with S. Emerson concerning folicless mutant with copy of Emerson and Emerson ms. | | |
| 2492 - Warburgs, 1949 1950 | box 48 | folder 10 |
| Y2492 - Acetateless mutants, 1949-1951 | box 48 | folder 11 |
| Miscellaneous UE mat. s, 1949 1950 1951 1955 | box 48 | folder 12 |
| Y7655 multiple mutants - Laura Garnjobst results, 1950 | box 48 | folder 13 |
| Mannitol, 1951 | box 48 | folder 14 |
| Yellow mutants data and experiments, 1950 1954 | box 48 | folder 15 |
| Ergosterol etc MI, II, III; CI, II, III, IV, 1950 1951 | box 48 | folder 16 |
| Glycerol mutant Y16762, 1951 | box 48 | folder 17 |
| Degr. dimebutyrold C ¹ #, 1951 1952 | box 48 | folder 18 |
| R.C. Fuller (Stanford) bound notebook, 1952 January | box 48 | folder 19 |

Scope and Contents note

Includes some Tatum calculations.

| | | |
|---|--------|-----------|
| M-IV Me x Ac to 2492 w. + culture, mannitol, inositol, 1953 May | box 48 | folder 20 |
| Key relating mutant name to mutant symbol; key relating isolation number to locus designation, 1953 October | box 48 | folder 21 |
| PCA III experiments, 1954 October 1954 December | box 49 | folder 1 |
| PCA G 1 and 6, 1954-1955 | box 49 | folder 2 |
| Photodynamic killing experiments, 1955 May 1955 July | box 49 | folder 3 |
| S.L. Seki data for Seki ms, 1955-1957 | box 49 | folder 4 |
| Synthetic crossing medium etc, 1956 | box 49 | folder 5 |
| Graphs - N. coli etc. (Stanford), circa 1956? | box 49 | folder 6 |
| R 2499 crosses, 1956 1965 | box 49 | folder 7 |
| S4355 crosses, 1956-1957 1960 | box 49 | folder 8 |
| Compounds effecting Neurospora morphology and growth, 1957 | box 49 | folder 9 |
| Nutrients, 1958 | box 49 | folder 10 |
| Genetics (crosses), 1958 | box 49 | folder 11 |
| B 132, 1958-1964 | box 49 | |
| B 132 Air-gas effects, 1958 | box 49 | folder 12 |
| B 132 + 3 growth data - tube and flask, 1958-1959 | box 49 | folder 13 |
| B 132 - old miscellaneous, 1959 | box 49 | folder 14 |
| B 132 Growth rate experiments, 1960-1964 | box 49 | folder 15 |
| B 132 Growth rate data: fatty acids etc., 1963-1964 | box 49 | folder 16 |
| Sorbose experiments, 1958 | box 49 | folder 17 |
| Miscellaneous experiments, 1957-1958 | box 50 | folder 1 |

Scope and Contents note

Antibiotics; u.v.-single cell mutation etc; divalent ions
- morph; photosensit. screening; Nadi etc-screening; I#
treatment; temp. sens + and dying out; media; sorbose, so
inositol; inos. phospho lipid.

| | | |
|--|--------|----------|
| Lenore's notes - Crosses and miscellaneous tests; media tests (morph plating), 1958-1959 | box 50 | folder 2 |
| Barbara Crocken notes | box 50 | |
| Sorbose cultures, 1957-1958 1965 | box 50 | folder 3 |
| Crossing of mutants, 1961-1962 | box 50 | folder 4 |

| | | |
|---|--------|-----------|
| 89601 crosses to wt. R1006, 1959 | box 50 | folder 5 |
| Inbred inos strains CDYCD, 1959 | box 50 | folder 6 |
| Marker cultures x wt.- multi-stock, 1959-1960 | box 50 | folder 7 |
| Ann Lafebreque and Mina Ristic notes: Summary book of mutants B, M,R, S, 1958 1960-1965 | box 50 | folder 8 |
| Laura Garnjobst notes: Morphological mutants, 1958 1961-1965 | box 50 | folder 9 |
| Isolation book, 1959-1966 | box 50 | folder 10 |
| N-Proteins etc, 1960 | box 51 | folder 1 |
| Wild types N. crassa, 1960-1961 | box 51 | folder 2 |
| Neurospora - Biotin, 1961 | box 51 | folder 3 |

Scope and Contents note

Includes notes on 1961 RI summer project for biochemistry course.

| | | |
|---|--------|----------|
| Neurospora: cytology - ascospores, 1961 | box 51 | folder 4 |
| Spring Indurated ascus, 1961-1962 | box 51 | folder 5 |
| Bacterial ribosomes, 1962 | box 51 | folder 6 |
| RGL notebook, 1962-1963 | box 51 | folder 7 |
| Mina Ristic notebooks | box 52 | |

Scope and Contents note

Includes index in each book.

| | | |
|---|--------|----------|
| Book 1, 1961 April-1962 April | box 52 | folder 1 |
| Book 2, 1962 1963 1965 | box 52 | folder 2 |
| Book 3, 1964-1965 | box 52 | folder 3 |
| Mutants not located and/or dropped, 1961-1964 | box 52 | folder 4 |
| Crisp book, 1962-1964 | box 52 | folder 5 |
| Mutants R-2464 - R-2513; markers x w.t. 152 - 163; list of lyophilized cultures, 1962 1963 1964 | box 52 | folder 6 |
| Testing of extracts, 1962 1963 1964 | box 52 | folder 7 |
| HET "Protos", 1962-1964 | box 52 | folder 8 |
| Strains B5A; M-Sponge: R-2409 -R-2462, 1963-1964 | box 53 | folder 1 |
| Crystals, 1963-1964 | box 53 | folder 2 |

Scope and Contents note

Includes only correspondence and photographs of crystals from J.F. Wilson to E.L. Tatum.

| | | |
|--|--------|------------|
| Crosses: R-3101. FøR; Second Føala resistant mutant run C, 1963-1964 | box 53 | folder 3 |
| AA analogues Part II; Føala resistance of Y7655a, arom-1; methods, 1963-1965 | box 53 | folder 4 |
| Data on unsuccessful attempts to isolate sorbose-P from RC3-8A and Patch, 1964 | box 53 | folder 5 |
| Merck "Sorbose" cultures in a notebook, 1964 | box 53 | folder 6 |
| Sarah Reynolds notes: Misc; T#; Linkage groups IV, VII, I, 1964 | box 53 | folder 7 |
| Mina Ristic and Sarah Reynolds notes: Morphological mutants, 1964 | box 53 | folder 8 |
| Ann Lafabreque notes: Ascospores cultures, 1964 | box 53 | folder 9 |
| Barbara Crocken notes | box 53 | |
| Patch-sorbose-sorbitol, 1964 | box 53 | folder 10 |
| Sorbose-sorbitol experiments, 1964 1967 | box 53 | folder 11 |
| Mary Morgan notes: Miscellaneous experiments and results, 1965 1966 1967 | box 54 | folder 1 |
| Linkage group V miscellaneous data, 1965-1966 | box 54 | folder 2-3 |
| Laura Garnjobst notes: abn notes, 1965 1966 | box 54 | folder 4 |
| Distribution notes - morphs paper, 1966 | box 54 | folder 5 |
| Linkage data notes, 1966-1967 | box 54 | folder 6 |

Scope and Contents note

[Editor's note: On June 10, 1976 to Archives by Anne Hammill].

| | | |
|---|--------|-----------|
| P.R. Mahadavan notes: Relevant portions on information on Fraction I of cell wall, circa 1967 | box 54 | folder 7 |
| Heterokaryons, 1967 1968 1969 | box 54 | folder 8 |
| Growth rate data, 1970-1971 | box 54 | folder 9 |
| Norite laboratory notes, 1973 February-October | box 54 | folder 10 |
| Anne Hammill notes | box 55 | |
| Miscellaneous notes, circa 1967 | box 55 | folder 1 |
| 64, 67, 71, 74 Culture lines - "cross" notebook, 1962 | box 55 | folder 2 |
| Miscellaneous records and summaries, 1968-1973 1975 | box 55 | folder 3 |

| | | |
|--------------------------|--------|----------|
| Prefixes, 1968-1971 1973 | box 55 | folder 4 |
| Methods, undated | box 55 | folder 5 |

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3x4 glass slides

Scope and Contents note

Where identified or dated so marked. Includes some duplicates. Also includes 2x2 lantern slides and boxes of samples and photo data.

| Title/Description | Instances |
|--|-----------|
| ca. 90 3x4 glass slides. No identification | box 56 |
| ca. 90 3x4 glass slides. No identification | box 57 |
| ca. 90 3x4 glass slides | box 58 |

Scope and Contents note

Includes:.

| | |
|-------------------------|--------|
| Unidentified | |
| Subject identification | |
| B55 | |
| B132 | |
| L929 S91 | |
| 1947 | |
| 5,000-10,000 (partial) | |
| ca. 90 3x4 glass slides | box 59 |

Scope and Contents note

Includes:.

| | |
|--------------------------|--------|
| 5,000-10,000 (continued) | |
| 1959 | |
| 60,000's, 1960 | |
| 61,000's, 1961 | |
| 62,000's (partial), 1962 | |
| ca. 90 3x4 glass slides | box 60 |

Scope and Contents note

Includes:.

| | |
|----------------------------|--------|
| 62,000's (continued), 1962 | |
| 63,000's, 1963 | |
| 64,000's, 1964 | |
| 65,000's (partial), 1965 | |
| ca. 30 3x4 glass slides | box 61 |

Scope and Contents note

Includes:.

| | |
|---|--------|
| 65,000's (continued), 1965 | |
| 66,000's, 1966 | |
| 67,000's, 1967 | |
| 2x2 lantern slides. Most with some identification | box 61 |
| cardboard boxes of samples and photo data | box 61 |

Scope and Contents note

Includes:.

| | |
|---|--|
| Box 1: [no year] samples. N. t + embedded paritheira - 6-7 day culture - methacrylate, March 27 | |
| Box 2: N-tetrasperma. Photo data under ascospore cytochemistry, 1961 May 19 | |
| Box 3: samples. N. tetrasperma, li, perithecia, 1961 May 22 | |
| Box 4: samples. N. tetrasperma + ; Perithecia (cut), 1961 May 22 | |
| [Box 61 partially filled] | |

[^ Return to Table of Contents](#)**5x7 scientific negatives, 1957-1967****Scope and Contents note**

Some with prints.

| Title/Description | Instances |
|---|-----------|
| 21 envelopes of 5x7 scientific negatives, 1957-1961 | box 62 |
| 15 envelopes of 5x7 scientific negatives, 1961-1967 | box 63 |

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Film reels

Scope and Contents note

Includes: NBC Continental Classroom.

Conditions Governing Access:

Conditions Governing Access

RAC is unable to provide access to obsolete media, due to the specialized equipment necessary to facilitate playback. When feasible, a digital surrogate may be created via special order. All applicable charges will apply. See RAC Head of Archival Services or RAC Head of Digital Programs for details.

| Title/Description | Instances |
|--|-----------|
| Tatum "Biochemistry of heredity", 1960 May 25 | reel 1 |
| <u>Conditions Governing Access:</u> Conditions Governing Access RAC is unable to provide access to the original item, due to the specialized equipment necessary to facilitate playback. When feasible, a digital surrogate may be created via special order. All applicable charges will apply. See RAC Head of Archival Services or RAC Head of Digital Programs for details. | |
| Kinescope reproduction of 1966 May television program for Merck building dedication | reel 2 |

Scope and Contents note

Aired on Sept 10, 1966 on NBC Research Projects "The future of medicine." Tatum "Molecular biology, nucleic acids and the future of medicine".

[See: Merck, Sharp and Dohme file in Box 20 for Tatum address] [IN RAC FILM VAULT].

Conditions Governing Access:

Conditions Governing Access

RAC is unable to provide access to the original item, due to the specialized equipment necessary to facilitate playback. When feasible, a digital surrogate may be created via special order. All applicable charges will apply. See RAC Head of Archival Services or RAC Head of Digital Programs for details.

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Scientific photographs

Scope and Contents

Some used in publications. Some identified and some in duplicate. Includes 1947 June LIFE photographs. Also includes group photographs with some identification.

| Title/Description | Instances |
|------------------------|-----------|
| Scientific photographs | package a |

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U.S. Dept of State citation to E.L. Tatum for Public Service at International Science Exhibition, Brussels

| Title/Description | Instances |
|--|-----------|
| U.S. Dept of State citation to E.L. Tatum for Public Service at International Science Exhibition, Brussels, 1958 October | package b |

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Collected Reprints

| Title/Description | Instances |
|---|-----------|
| Collected reprints | |
| <u>Processing Information note:</u> Processing Information note | |
| [all volumes Volumes 1 and 1a removed to RAC library 8/9/88]. | |
| 1944-1962 | volume 1 |
| 1963-1976 | volume 1b |

Sloan-Kettering Symposium on macromolecules and cancer, New York City, 1965 October 18-20

Scope and Contents note

Published in CANCER RESEARCH 26 (1966) 1955-2081. Tatum chairs session on genetics and macromolecules and gives "Introductory remarks". CANCER RESEARCH 26 (1966) 1958. [Not listed in Tatum bibliography] [Editor's

volume 3

note: In June 1980 Joshua Lederberg deposited this bound volume with RU Archives].

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Collected reprints

Scope and Contents note

Additional bound volumes of E.L. Tatum. Collected Reprints.

[Bound volume 1a of collected reprints begins with 1944; the bibliography with 1932. The early reprints lacking].

Immediate Source of Acquisition note:

Immediate Source of Acquisition note

RU Archives received May 1985.

| | |
|-----------|-----------|
| 1932-1942 | volume 2a |
| 1943-1947 | volume 2b |
| 1949-1956 | volume 2c |
| 1956-1964 | volume 2 |
| 1964-1968 | volume 2e |
| 1957-1962 | volume 3a |
| 1963-1965 | volume 3b |
| 1966-1973 | volume 3c |