
Collection number: MS-F01

Special Collections and Archives
The UCI Libraries

University of California
Irvine, California

Processed by:

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2002

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Andre Ambrus

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Descriptive Summary

Title: Edward A. Steinhaus papers,
Date (inclusive): 1936-1975
Date (bulk): (bulk 1939-1969)
Collection number: MS-F001
Creator: Steinhaus, Edward Arthur, 1914-1969
Extent: 25 linear feet (25 boxes)
Physical location: The collection is stored offsite at SRLF. Advanced notice is required for access.
Repository: University of California, Irvine. Library. Special Collections and Archives.
Irvine, California 92623-9557

Abstract: This collection comprises the personal and professional papers of entomologist and academic Edward A. Steinhaus. The bulk of this collection comprises materials documenting Steinhaus' career at the University of California, Berkeley (UCB) and Irvine (UCI), including the establishment of the Laboratory of Insect Pathology at UCB and his appointment as the first Dean of the School of Biological Sciences at UCI. Other UCI files contain materials relating to the founding of the School of Biological Sciences and Center for Pathobiology, in addition to the planning and opening of the UCI campus. This collection also contains files documenting Steinhaus' research in insect pathology, insecticides, and microbial control; his professional activities, particularly with the Entomological Society of America, Society for Invertebrate Pathology, and National Academy of Sciences; and his extensive work with scientific journals such as the Journal of Insect Pathology and Annual Review of Entomology. Materials include correspondence, research files, and published and unpublished writings, in addition to some photographs, slides, and audio recordings.

Language: English.

Access
Collection is open for research.

Publication Rights
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Preferred Citation

For the benefit of current and future researchers, please cite any additional information about sources consulted in this collection, including permanent URLs, item or folder descriptions, and box/folder locations.

Acquisition Information
Processing History

Biography
Edward A. Steinhaus was a noted entomologist and academic known for his extensive work in insect pathology and was the first Dean of the School of Biological Sciences at the University of California, Irvine (UCI). He was born on November 7, 1914 in Max, North Dakota and entered North Dakota Agricultural College (now North Dakota State University) in 1932, graduating with a B.S. in Bacteriology in 1936. In 1939 he received his Ph.D. in Bacteriology, with a minor in entomology, from Ohio State University. He stayed at Ohio State University for another year, engaged in post-doctoral research. In 1940 he married Mabry Clark.

From 1940 to 1944 Steinhaus was employed as a bacteriologist at the US Public Health Service Rocky Mountain Laboratory in Hamilton, Montana, where he conducted research primarily on tick-borne diseases and associated vaccines. He resigned from the Rocky Mountain Laboratory when he was appointed Assistant Professor of Bacteriology at the University of California, Berkeley (UCB) in 1944.

At UCB Steinhaus was concerned mainly with bacteriology but also worked as a consultant to various agencies and organizations on arthropod-borne microorganisms of medical value. He was later transferred to the Division of Beneficial Insect Investigations and in 1945 he helped establish the Laboratory of Insect Pathology within this Division. He also began teaching courses in insect pathology during this time and compiled a textbook to support his courses, Insect Microbiology, which was published in 1946. This publication was followed by Principles of Insect Pathology in 1949, which also served as a course textbook.

Steinhaus' continued interest in the relationship between insect pathology and microbial control motivated him to found the Journal of Insect Pathology, which later expanded its focus and was renamed Journal of Invertebrate Pathology. He served as editor-in-chief for these publications until 1969. In addition to his research and teaching duties at UCB, he was highly active in a number of scientific professional organizations, including the Entomological Society of America (ESA). In addition he continued to publish his research findings, work as a consultant, and serve as an editor and on editorial boards for journals such as Annual Review of Entomology, Journal of Entomology, and Virology. From 1962 to 1963 he served as President of the ESA. In 1960 Steinhaus established a separate Department of Insect Pathology at UCB, which he administered as Chairman until 1963.

University of California, Irvine (UCI) Chancellor Daniel Aldrich invited Steinhaus to become Dean of the School of Biological Sciences at the new campus in April 1963. Steinhaus accepted the appointment, becoming the first dean and faculty member at UCI. At UCI Steinhaus was responsible for the creation of a new, integrated curriculum espousing a "levels" approach to biology from molecules to the biosphere, which differed from traditional divisions between bacteriology, botany, and zoology. He was also responsible for developing the Psychobiology Department within the School of Biological Sciences. He taught courses in biological sciences and public policy, the latter of which eventually served as a model for the University Studies Program at UCI, in which senior professors taught courses for a non-major audience in areas of particular personal interest.

While on sabbatical in 1967, Steinhaus resigned as Dean and began to create plans for a UCI Center for Pathobiology. The Center was approved by campus administration in February 1969. It was intended to promote wide-ranging research in diseases in all living organisms; store pathological specimens; and serve as a repository for rare books, manuscripts, and other items relating to pathobiology. Steinhaus was appointed Head, a position in which he served until his death in October 1969.

For further biographical information, see Vision, Courage, Accomplishment: the Life of Edward A. Steinhaus (Irvine: UCI Center for Pathobiology, 1970). A biographical article on Steinhaus is also available online through "University of California: In Memoriam."

1914 Born on November 7 in Max, North Dakota.
1936 B.S. Bacteriology, North Dakota Agricultural College (now North Dakota State University).
1939 Ph.D. Bacteriology, Ohio State University.
1939 Sigma Xi.
1939 Post-doctorate Scholarship (Muellhaupt Scholar) at Ohio State University.
1940 Marries Mabry Clark.
1940-1941 Assistant Bacteriologist, US Public Health Service, Rocky Mountain Laboratory, Hamilton, Montana (RML).
1941-1944 Associate Bacteriologist, RML.
1943-1944 Member, US Army Bullis Fever Commission.
1944-1946 Assistant Professor of Bacteriology, University of California, Berkeley (UCB).
1946-1960 Director of the Laboratory of Insect Pathology, UCB.
1946-1948  Assistant Professor of Insect Pathology, Experiment Station, UCB.
1946-1948  Assistant Insect Pathologist, Experiment Station, UCB.
1948-1954  Associate Professor of Insect Pathology, Experiment Station, UCB.
1948-1954  Associate Insect Pathologist, Experiment Station, UCB.
1951      Invertebrates Consultants Committee for the Pacific.
1951-1952  Fulbright Fellowship offer.
1951-1953  Consultant, Pacific Science Board, NAS.
1952-1963  Member, International Committee on Bacterial Nomenclature, International Insect Virus Subcommittee.
1954      Fellow, Entomological Society of America (ESA).
1954-1963  Professor of Insect Pathology, Experiment Station, UCB.
1954-1963  Insect Pathologist, Experiment Station, UCB.
1957-1958  Vice-Chairman, Department of Biological Control, UCB.
1958-1962  Governing Board, ESA.
1959      Grace H. Griswold Lecturer of Entomology, Cornell University.
1959      Bioferm Award, ESA.
1959-1969  Editor, *Journal of Insect Pathology* (later *Journal of Invertebrate Pathology*).
1960      Special Lecturer, National Taiwan University, Taipei.
1960-1963  Chairman, Department of Insect Pathology, UCB.
1961      Knapp Professor, University of Wisconsin, Madison.
1961      Fellow, American Association for the Advancement of Science.
1962      Consultant, The President's Office of Science and Technology.
1962      Doctorate of Science, North Dakota State University.
1962-1963  President, ESA.
1962-1967  Member, Executive Committee of the International Colloquium of Insect Pathology.
1963      Chairman, Division of Invertebrate Pathology, UCB.
1963      Honorary Member, Society of Science and Technology, India.
1963-1967  Dean of the School of Biological Sciences, University of California, Irvine (UCI).
1963-1968  Professor of Biological Sciences, UCI.
1963-1969  Member, US Section of the International Committee on Comparative Pathology.
1963-1969  Member, Subcommittee on Comparative Pathology, Division of Medical Sciences, NAS.
1964-1967  Vice Chairman, US Section of the International Committee on Comparative Pathology.
1964-1967  Vice Chairman of the Subcommittee on Comparative Pathology, Division of Medical Sciences, NAS.
1965      Honorary Fellow, L'Oranisation International de lutte Biologique Contre les Animaux et Plants Nuisibles.
1966      President, Section V, International Colloquium of Insect Pathology, Wageningen, The Netherlands.
1966      Consultant, Lunar Sample Receiving Laboratory, Manned Spacecraft Center, NASA, Houston.
1967-1968  President and Co-Founder, Society for Invertebrate Pathology.
1968      Nominee, National Medal of Science by ESA.
1968      Honorary Member, All-Union Entomological Society of USSR. Member, NAS.
1968-1969  Director of the Center for Pathobiology, UCI.
1968-1969  Member, Executive Committee, Division of Biology and Agriculture, NAS.
1969      Member, Speaker Monagan's Advisory Committee for the Formation of the California Assembly Science and Technology Council.
Nominee, Director of the National Science Foundation.

Dies in October.

UCI Biological Sciences Building renamed Steinhaus Hall in memory of Steinhaus.

**Collection Scope and Content Summary**

This collection comprises the personal and professional papers of entomologist and academic Edward A. Steinhaus. The bulk of this collection comprises materials documenting Steinhaus' career at the University of California, Berkeley (UCB) and Irvine (UCI), including the establishment of the Laboratory of Insect Pathology at UCB and his appointment as the first Dean of the School of Biological Sciences at UCI. Other UCI files contain materials relating to the founding of the School of Biological Sciences and Center for Pathobiology, in addition to the planning and opening of the UCI campus. This collection also contains files documenting Steinhaus' research in insect pathology, insecticides, and microbial control; his professional activities, particularly with the Entomological Society of America, Society for Invertebrate Pathology, and National Academy of Sciences; and his extensive work with scientific journals such as the *Journal of Insect Pathology* and *Annual Review of Entomology*. Materials include correspondence, research files, and published and unpublished writings, in addition to some photographs, slides, and audio recordings.

The original order of the files was maintained for some parts of this collection. Some original folders contained handwritten notes by Mabry C. Steinhaus, wife of Edward Steinhaus, providing information about the contents of the folders. These notes were transcribed onto archival quality folders during refolding of materials for preservation purposes.

**Arrangement**

This collection is organized into 3 series:
- Series 3. Writings, 1938-1975. 3 linear ft.

**Indexing Terms**

The following terms have been used to index the description of this collection in the library's online public access catalog.

**Subjects**
- University of California, Irvine. School of Biological Sciences--Archival resources.
- University of California, Irvine. Center for Pathobiology--Archival resources.
- University of California, Irvine--Faculty--Archival resources.
- University of California, Berkeley. Division of Beneficial Insect Investigations. Laboratory of Insect Pathology--Archival resources.
- Insects--Diseases--Archival resources.
- Insects--Microbiology--Archival resources.
- Pathology--Archival resources.
- Insecticides--Archival resources.

**Genres and Forms of Material**
- Photographic prints.
- Slides.
- Sound recordings.

**Occupations**
- Entomologists.

**Index Terms Related to this Collection**
- Steinhaus, Mabry C., former owner.

**Related Collections**
- The transcript of a 1974 oral history interview with Mabry C. Steinhaus, which includes biographical information about Edward A. Steinhaus, can be found in the Samuel McCulloch Papers (AS-033), Special Collections and Archives, The UC Irvine Libraries.

Physical Description: 16 linear ft.

Scope and Content Note

This series contains materials documenting Steinhaus' education and career, beginning with his undergraduate work at North Dakota Agricultural College and continuing through his career at the University of California, Berkeley (UCB). In addition, it documents his professional activities, research, grant proposals, and correspondence from this time period.

It contains student files, including his undergraduate notes; B.S. thesis from North Dakota Agricultural College; Ph.D. dissertation from Ohio State University; and postdoctoral work. Career files primarily document his work at UCB, particularly his tenure as Assistant Professor of Bacteriology and his involvement in the establishment of the Laboratory of Insect Pathology.

This series also contains files documenting Steinhaus' extensive professional involvement with scientific associations, particularly his tenure as the President of the Entomological Society of America, as well as his work as an editor and contributor to scientific journals such as the Journal of Insect Pathology. Files covering his tenure as the President of the Entomological Society of America also contain materials on the controversy over the use of chemical pesticides in the early 1960s.

Steinhaus' extensive research files, which include notes, data sheets, and photographs, document his work in entomology, particularly at the Rocky Mountain Laboratory and UCB. His work at Rocky Mountain Laboratory includes research on insect-borne diseases such as spotted fever and typhus. It also includes research on ticks and tick-borne diseases. A small topical file contains clippings and other ephemera accumulated by Steinhaus on various issues such as science, politics, and philosophy.

A personal and professional correspondence file includes letters to colleagues, students, friends, and others. Other correspondence can be found throughout this series under related topics.

Arrangement

This series is arranged topically. Files within topical groupings are arranged alphabetically by topic, organization, or form of material. For related materials documenting Steinhaus' professional activities and involvement in scientific organizations, see Series 2. University of California, Irvine files.

Box 1 : 1-13 Early education
Box 1 : 1-6 Class notes, 1936.

Physical Description: 6 folders.

Box 1 : 7-8 Dissertation, Ph.D., 1939.

Physical Description: 2 folders.

Scope and Content Note

Includes 6 photographic prints.

Box 1 : 9 Laboratory notes, undated
Box 1 : 10-12 Papers, 1938-1940.

Physical Description: 2 folders.

Box 1 : 13 Thesis, B.S., 1936
Box 1 : 14- 3 : 17 Career
Box 1 : 14 - 3 : 6 UC Berkeley
Box 1 : 14-23 Administrative files, 1946-1960.

Physical Description: 10 folders.

Box 1 : 24 Agricultural Experiment Station, 1951-1952
<table>
<thead>
<tr>
<th>Box</th>
<th>Description</th>
</tr>
</thead>
</table>
| 1 : 25 | **Committee work, 1947-1962.**  
  *Physical Description:* 13 folders.  
  *Access Information:*  
  Access to personnel records in this file restricted until 2011-12-01. |
| 1 : 38 - 2 : 6 | **Teaching and course materials**  
  **General materials, 1944-1963.**  
  *Physical Description:* 17 folders.  
  *Access Information:*  
  Access to student records in this file restricted until 2037-09-01. |
| 1 : 38 - 2 : 6 | **Student registration cards and address card file, ca. 1946-1962.**  
  *Access Information:*  
  Access to student records in this file restricted until 2036-01-01. |
| 1 : 38 - 2 : 6 | **Laboratory of Insect Pathology**  
  **General materials, 1946-1964.**  
  *Physical Description:* 18 folders.  
  *Scope and Content Note:*  
  Includes manuals; financial statements; and proposal, planning, staff, and curriculum materials. |
| 1 : 38 | **Plymouth House, 1947-1949**  
  **Public Health School, 1955-1960.**  
  *Physical Description:* 4 folders. |
| 1 : 38 | **Sigma Xi, 1948-1952**  
  **Speeches and talks, 1941-1960.**  
  *Physical Description:* 6 folders. |
| 1 : 38 | **Miscellaneous materials, 1953-1967.**  
  *Physical Description:* 21 folders.  
  *Scope and Content Note:*  
  Includes directories; departmental publications; and scrapbooks of publicity materials and clippings. Also includes some materials documenting consulting work. |
| 1 : 38 | **United States Department of Agriculture, 1945-1963.**  
  *Physical Description:* 8 folders. |
| 1 : 38 | **United States Public Health Service, Rocky Mountain Laboratory, 1937-1951.**  
  *Physical Description:* 3 folders. |
| 25 : 15 | **Photographic prints, ca. 1944-1958 and undated.**  
  *Physical Description:* 12 items.  
  *Scope and Content Note:*  
  Includes portraits and publicity photographs. |
Box 3 : 18 - 6 : 29  Professional activities and associations.
Scope and Content Note
Related materials from the early 1960s may also be found under Series 2. UCI and Professional activities and associations. Some materials in German, Italian, and French.

Box 3 : 18  American Academy of Microbiology, 1961-1962
Box 3 : 19  American Association for the Advancement of Science, 1941-1957
Physical Description: 2 folders.

Box 3 : 22  American Society of Parasitologists, 1942
Box 3 : 23  American Society of Protozoologists, 1948-1951
Physical Description: 22 folders.
Scope and Content Note
Includes 2 photographic prints of group portraits with Steinhaus.

Box 4 : 8  Biological Abstracts, 1961-1963
Box 4 : 9  Conference of Biological Editors, 1961
Box 4 : 10  Conservation Foundation Conference, 1958-1959
Physical Description: 10 folders.

Box 4 : 21 - 5 : 51  Entomological Society of America, President's files, 1962-1963
Box 4 : 21-29  Meetings, 1963.
Physical Description: 9 folders.

Physical Description: 9 folders.

Physical Description: 34 folders.

Box 5 : 35-41  Sections and Subsections, 1962-1963.
Physical Description: 7 folders.

Physical Description: 10 folders.

Box 5 : 52  Journal of Economic Entomology, 1948-1959
Physical Description: 23 folders.

Box 6 : 11  International Colloquium on Insect Pathology and Microbial Control, 1962.
Box 6 : 12-13  International Conference of Insect Pathology and Biological Control, 1st, 1958
Physical Description: 2 folders

Box 6 : 16  International Congress of Microbiology, 8th, 1960
Box 6 : 17  International Congress of Zoology, 16th, 1963
Box 6 : 18  International Days of Bee Pathology, 1961
Box 6 : 19  Journal of Parasitology, 1948-1951
Box 6 : 20  Life Sciences, 1963
**Box 6 : 21**  
**Miscellaneous materials, 1962-1963.**  
**Scope and Content Note**  
Primarily contains materials relating to conference activities.

**Box 6 : 22**  
**National Academy of Science, National Research Council, 1962-1963**

**Box 6 : 23**  
**National Institute of Health, 1958**

**Box 6 : 24-25**  
**Pacific Science Congress, 9th-10th, 1957-1961**

**Box 6 : 26**  
**Society for General Microbiology, 1949-1953**

**Box 6 : 27**  
**Society for the Study of Evolution, 1948**

**Box 6 : 28**  
**South Pacific Commission, 1958-1960**

**Box 6 : 29**  
**Virology, 1955-1956**

**Box 6 : 30 - 7 : 37**  
**Western Society of Naturalists, 1945-1949**

**Box 6 : 30**  
**Bacterial infections of insects, ca.1940**

**Box 6 : 31**  
**California oak moth, 1947**

**Box 6 : 32**  
**Colias hematology, undated**

**Box 6 : 33**  
**Commercial biological control projects, 1947**

**Box 6 : 34**  
**Diagnostic return sheets, undated**

**Box 6 : 35**  
**Disease incident reports, 1949-1950**

**Box 6 : 36**  
**Effect of microorganisms and antibiotics on stored grain insects, 1952**

**Box 6 : 37-41**  
**Examination of bacteria, 1944-1950.**

  **Physical Description:** 5 folders.

**Box 6 : 42**  
**Gnorimoschema, 1945**

**Box 6 : 43**  
**Grasshopper cultures, undated**

**Box 6 : 44**  
**Importance of invertebrates, 1957-1960**

**Box 6 : 45-46**  
**Insect pathology research questions and definitions, 1948-1962.**

  **Physical Description:** 2 folders.

**Box 6 : 47**  
**Milkweed bug and European corn borer, undated**

**Box 6 : 48**  
**Murgantia histronica (cabbage bug or harlequin bug), 1944**

**Box 6 : 49**  
**Principle insect pests in California, 1955**

**Box 6 : 50 - 7 : 11**  
**Projects #1306-1520, 1947-57.**

  **Physical Description:** 15 folders.

**Box 7 : 12**  
**Public Health School progress reports, 1955-1958**

**Box 7 : 13**  
**Pure fundamental or basic science, 1954-1960**

**Box 7 : 14-34**  
**Rocky Mountain laboratory experiments, 1940-1944.**

  **Physical Description:** 21 folders.

  **Scope and Content Note**  
  Arranged by experiment or research topic.

**Box 7 : 35**  
**Rhinoceros beetle, Palau Islands, 1951-1954**

**Box 7 : 36**  
**Stress and latency, ca. 1960**

**Box 7 : 37**  
**Summary of General Mills report, 1952**

**Box 7 : 38**  
**Virus nomenclature, 1949-1959**

**Box 7 : 39 - 8 : 2**  
**Grants**  
**Cancer Funds Application, 1951-1952**  
**General Mills, 1951-1953**  
**Guggenheim Memorial Foundation, 1959-1961**  
**National Science Foundation, 1957-1962**

**Box 7 : 39**  
**Correspondence**

Individuals and organizations.

Scope and Content Note

Arranged by surname or name of organization. Some correspondence in French, German, Italian, Polish, Russian, or Spanish. Includes 99 photographic prints and 12 slides.

Box 8 : 3-25


Physical Description: 23 folders.

Box 8 : 26 - 9 : 27


Physical Description: 48 folders.

Box 9 : 28 - 10 : 13


Physical Description: 24 folders.

Box 10 : 14-30


Physical Description: 17 folders.

Box 10 : 31-43

E, 1939-1963.

Physical Description: 13 folders.

Box 10 : 44 - 11 : 5


Physical Description: 21 folders.

Box 11 : 6-27


Physical Description: 22 folders.

Box 11 : 28-56


Physical Description: 29 folders.

Box 11 : 57 - 12 : 4


Physical Description: 9 folders.

Box 12 : 5-15


Physical Description: 11 folders.

Box 12 : 16-30


Physical Description: 15 folders.

Box 12 : 31-52

L, 1939-1963.

Physical Description: 22 folders.

Box 12 : 53 - 13 : 19


Physical Description: 34 folders.

Box 13 : 20-29


Physical Description: 10 folders.

Box 13 : 30-34


Physical Description: 5 folders.

Box 13 : 35-52


Physical Description: 18 folders.
<table>
<thead>
<tr>
<th>Box</th>
<th>Series</th>
<th>Physical Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Box 13 : 53</td>
<td>Q, 1949-1962</td>
<td></td>
</tr>
<tr>
<td>Box 15 : 5-23</td>
<td>T, 1939-1963.</td>
<td>Physical Description: 19 folders.</td>
</tr>
<tr>
<td>Box 15 : 24-26</td>
<td>U, 1941-1959.</td>
<td>Physical Description: 3 folders.</td>
</tr>
<tr>
<td>Box 16 : 5-8</td>
<td>Y, 1948-1963.</td>
<td>Physical Description: 4 folders.</td>
</tr>
<tr>
<td>Box 16 : 9-12</td>
<td>X-Z, 1939-1963.</td>
<td>Physical Description: 5 folders.</td>
</tr>
<tr>
<td>Box 16 : 13</td>
<td>Student recommendations, ca. 1937-1960.</td>
<td>Access Information Access to student records in this file restricted until 2039-05-03.</td>
</tr>
<tr>
<td>Box 16 : 14-43</td>
<td>Miscellaneous</td>
<td>Anecdotes, clippings, and articles on scientific and general topics, 1924-1965 and undated.</td>
</tr>
<tr>
<td>Box 16 : 14-19</td>
<td></td>
<td>Physical Description: 6 folders.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Scope and Content Note Arranged alphabetically. Contains materials on agriculture, biology, entomology, evolution, freedom of thought, medicine, politics, publishing, religion, science and scientific method, scholarship, teaching, and other topics.</td>
</tr>
</tbody>
</table>

Physical Description: 6 linear ft.

Scope and Content Note
This series contains materials documenting Steinhaus' career at UCI as Founding Dean of the School of Biological Sciences and Professor of Biological Sciences. In addition, it documents some of his professional activities, research, grant proposals, and correspondence from this time period, and contains some memorials produced after his death in 1969.

UCI materials contain extensive documentation of the formation of the Center for Pathobiology and School of Biological Sciences, including proposed curriculum, guides to the schools, and newsletters. In addition, some files contain materials relating to the planning and opening of the UCI campus. Other UCI files contain campus-wide committee files, office ephemera, course materials from 1966 through 1969 documenting Steinhaus' biological science classes, and speech materials. Memorial materials include slides from the dedication ceremony of Steinhaus Hall in 1970, in addition to Vision, Courage, Accomplishment: the Life of Edward A. Steinhaus (Irvine: UCI Center for Pathobiology, 1970), a posthumous, memorial publication produced by UCI.

UCI materials also include numerous topical files maintained by Steinhaus during his tenure as Dean of the School of Biological Sciences. These topical files contain material on a wide range of subjects, such as his professional activities, research, grants, and writings, and associated materials may be found in other files throughout this series. Files are arranged alphabetically according to the office filing system and original folder headings are used whenever possible. Numbers are associated with the original file headings and have been included when present; a key to this numerical system is not, however, present in the collection. These numbers begin with the digits 500 through 599 and are placed within parentheses.

Professional activities and associations files document Steinhaus' extensive involvement in the scientific community while employed at UCI, particularly with the National Academy of Sciences (NAS), the National Research Council of the NAS, and the Society for Invertebrate Pathology. These materials were not interfiled with related materials found in Series 1. Early academic and professional career files during processing, and the original order of these files was maintained whenever possible.

His research materials from this period, which include data sheets, notes, and some photographs, are primarily concerned with teratology. Miscellaneous materials include numerous anecdotes, clippings, and quotes collected by Steinhaus.

Arrangement
This series is arranged topically. Files within topical groupings are arranged alphabetically by topic, organization, or form of material. For related materials documenting Steinhaus' professional activities and involvement in scientific organizations, see Series 1. Early academic and professional career files.

Box 16: 44 - 18: UCI
60 and 23
Box 16: 44 - 17: 6
Box 16: 44-46
Box 16: 44
Box 16: 45-46
Box 16: 47 - 17: 6
Box 16: 47

Administrative units

Center for Pathobiology
Scope and Content Note
Includes issues of Bioscience newsletter and other Center for Pathobiology publications

Proposals for formation, ca. 1966-1968.
Physical Description: 2 folders.

School of Biological Sciences
Clippings, 1966-1968
| Box 16 : 48 | Course lists, program description, rosters, and schedules, 1965-1967 |
| | Physical Description: 4 folders. |
| | Scope and Content Note |
| | Contains course lists and program descriptions. |
| Box 17 : 5 | A guide to the biological sciences, 1965-1970 |
| Box 17 : 6 | Newsletters, 1965-1968. |
| | Scope and Content Note |
| | Includes issues of Bioscience newsletter. |
| Box 16 : 49 | Notes on biological science and formation of School of Biological Sciences, ca. 1963 |
| Box 17 : 7-11 | Campus planning and opening publications and brochures. |
| | Scope and Content Note |
| | Includes UCI publications, clippings, and some popular journal issues. |
| Box 17 : 7 | Landscaping, 1966 |
| Box 17 : 8-9 | Opening and first commencement, 1965-1968. |
| | Physical Description: 2 folders. |
| Box 17 : 10 | Planning, 1963. |
| | Scope and Content Note |
| | Includes materials on William Pereira. |
| Box 17 : 11 | Promotional, 1965-1967 |
| Box 17 : 12-14 | Committees |
| Box 17 : 12 | Appointment and promotion committee, undated |
| Box 17 : 13 | Council of Arts, 1963 |
| Box 17 : 14 | Search committee on Organismic Biology, 1968-1969. |
| | Access Information |
| | Access to personnel records in this file restricted until 2019-03-04. |
| Box 17 : 15 | Grant, US Public Health, 1962-1963 |
| Box 23 : 8-9 | Memorial and dedication materials |
| Box 23 : 8 | Dedication of Steinhaus Hall 1970. |
| | Scope and Content Note |
| | Includes 3 slides. |
| | Scope and Content Note |
| | Includes Vision, courage, accomplishment. |
| Box 17 : 16-21 | Miscellaneous |
| Box 17 : 16 | Accreditation of Southern California Colleges, 1966 |
| Box 17 : 17 | All-University Conference on Biology, 1963-1965 |
| Box 17 : 18 | Bioferm visit binder, 1963 |
| Box 17 : 19 | Farewell to Jack Peltason skit, undated |
| Box 17 : 20 | Malignancy of intercranial tumors, student paper, undated |
| Box 17 : 21 | Thuricide news, 1966 |
| Box 17 : 22 | Un-American activities, 13th report, State Senate Factfinding Subcommittee, 1968 |
Box 23 : 10  University Explorer audio recordings, undated.
   Physical Description: 2 1/4" tapes.
Scope and Content Note
   Includes recording concerning pathobiology.

Box 17 : 23-25  Office materials
Box 17 : 23  Calendar, 1969
Box 17 : 24  Directories, 1967-1968
Box 17 : 25  Stamps, undated
Box 17 : 26-38  Speeches and talks
Box 17 : 26  Biology Club speech, UCI, undated
Box 17 : 27  Biological sciences unlimited, undated
Box 17 : 28  Challenge of modern biology, 1963
Box 17 : 29-31  The day is at hand, Entomological Society of America presidential address, 1963.
   Physical Description: 3 folders.

Box 17 : 32  The entomologist and the diseased insect, Entomological Society of America symposium, undated
Box 17 : 33  The image of entomology, undated
Box 17 : 34  Insect pathology, undated
Box 17 : 35  Invertebrates and their diseases as models for the study of disease processes in man, ca. 1968
Box 17 : 36  Microbial control is not all, Joint United States-Japan seminar on microbial control of insect pests, 1967
Box 17 : 37  Orange County Science Teachers Association speech, ca. 1963
Box 17 : 38  Planning the university community, Phi Beta Kappa speech, 1964
Box 17 : 39-40  Teaching
Box 17 : 39  Biological Sciences 40, Venereal disease, 1968-1969 and undated
Box 17 : 40  Science and public policy, graduate colloquium, 1966-1968
Box 17 : 41-18 : 60  Topical files.
   Scope and Content Note
   Related materials, including correspondence, documenting Steinhaus' professional activities and associations, and research may be found under their respective headings in this series. Some materials in French and German.

Box 17 : 41  Academic positions, UCI, requests for information, 1964-1967
   Physical Description: 2 folders

Box 17 : 44  Addis Translations, 1965
Box 17 : 45  Agriculture, US Department of Agricultural Research Service, 1963-1965
   Physical Description: 3 folders.
Scope and Content Note
   Includes minutes, registration, newsletters, and committee reports.

Box 17 : 49  American Society for Experimental Pathology, 1966-1969
Box 17 : 50  American Society for Microbiology, 1963-1969.
Scope and Content Note
   Includes constitution, programs, and publication correspondence.

Box 17 : 51  Animaland, 1963.
   Scope and Content Note
   Includes clippings for proposed Irvine wildlife park.
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<td>Box 17 : 52</td>
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<td>Botanical gardens, Lancetilla, Honduras, 1964</td>
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<td>California College of Medicine, UCI, curriculum report and related materials, 1966-1968</td>
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<td>Commercial Solvents Corporation, correspondence, 1963</td>
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<td>Comparative invertebrate pathology textbook, 1963</td>
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<td>Corona del Mar High School, 1965-1966</td>
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<td>Council on Biological Sciences Information, 1966-1967</td>
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<td>Deanship, UCI (501-10, 505-10), 1963-1968.</td>
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<td>Department of Organismic Biology, UCI, faculty meetings and other notices, 1968</td>
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<td>Explorer and Boy Scouts, 1963-1965</td>
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<td>Fullerton Junior College, accreditation, 1965</td>
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<td>Council of Societies of Pathology, 1965</td>
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<td>Invertebrate Consultants Committee for the Pacific, 1963</td>
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<td>Kerckhoff Marine Laboratory, Upper Newport Bay mud flats, 1963-1964</td>
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<td>Lawsonomy principles, undated</td>
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<td>Marine Biology Committee, UCI, 1967</td>
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<td>Congratulations (502-20-3), 1968</td>
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<td>General (502-20-1), 1967-1969</td>
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Box 18:33 Minutes (502-20-2), 1968-1969
Box 18:34 National Research Council Comparative Pathology Committee (520-20-4), 1963-1969
Box 18:30 National Aeronautics and Space Administration, 1966-1967
Box 18:35 National Science Foundation, 1969
Box 18:37 Nutrilite Products, Inc., 1963-1967
Box 18:38 Orange County General Hospital, 1965-1966
Box 18:39 Orange County Press Club Headliner Award, 1969
Box 18:40 Personal and professional travel (506x), 1962-1964
Box 18:41 Post-doctorate and graduate applications, UCI, 1966-1967
Box 18:42 Publications, general (5067-10), 1965-1968.
Scope and Content Note
Includes publisher correspondence.

Box 18:43 Public Health Service, 1968
Box 18:44 Reprint requests, to and from 1963-1969
Box 18:45 Research activities, general (506), grants, 1965-1964
Box 17:62 Resignation from UCI School of Biological Sciences, 1967.
Access Information
Access to personnel records in this file restricted until 2017-08-01.

Box 18:46-58 Society for Invertebrate Pathology
Box 18:46 HIB relations (502-10-9), 1967-1969
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Box 18:54 Miscellaneous (501-27 and 501-25), 1966-1969
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Box 18:56 Nominating committees (502-10-3), 1968-1969
Box 18:57 Sparks, Albert K., correspondence (502-10-6), 1966-1969
Box 18:58 Vermont meeting, 1969
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Box 18:60 Travel, UCI, general (508), 1965-1969
Box 19:1-20:7 Professional activities and associations.
Scope and Content Note
Related materials may be found under UCI, Speeches and talks and Topical files.

Box 19:1 All-Union Entomological Society, 1969
Box 19:2-4 American Institute of Biological Sciences, 1966-1968.
Physical Description: 3 folders.

Box 19:5 American Society for Experimental Pathology, 1968-1969
Box 19:6 California State Assembly Science and Technology Council, 1969
Physical Description: 4 folders.

Box 19:11 Human Ecology Group, UCI, 1969
Box 19:12 International Colloquium on Insect Pathology, Society for Invertebrate Pathology, 1969-1970
Box 19:13 International Conference on Comparative Virology, University of Montreal, 1969
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<td>Box 19 : 18</td>
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<td>Be favorable to bold beginnings, presidential address, 1968</td>
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<td>Society of American Bacteriologists, 1960</td>
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<td>The student and the quality of his intellectual environment in the university, University of California faculty conference proceedings, 1963</td>
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<td>Symposia</td>
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<td>Neoplasia of invertebrate and primitive vertebrate animals, Smithsonian Institution and National Cancer Institute, 1967-1968</td>
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<td>Box 20 : 5</td>
<td>Phylogeny of transplantation, Transplantation Society, 1970</td>
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<td>US Office of Science and Technology cotton insects panel, 1963</td>
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Box 20 : 10  Pesticides papers, 1969
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Box 20 : 13  Pupal wing, undated
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18, 21-26  Physical Description: 10 folders.
Box 20 : 17  Photographic prints, undated.
             Physical Description: 51 items.
Box 20 : 19  UV Studies, 1967
Box 20 : 20  An unusual structural layer in the foregut of the beetle tenbrio molitor, report, undated
Box 20 : 27 - 23 : Correspondence.
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            Related correspondence may also be found under UCI, Topical files. Some materials in French, German, or Spanish.
Box 20 : 27  Aldrich, Daniel G., 1963-1969
Box 20 : 28  Aizawa, Kelo, 1964-1969
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Box 20 : 30  Arditti, Joseph, 1967-1968
Box 20 : 31  Armstrong, Herbert W., undated
Box 20 : 32  Aruga, H., 1963-1966
Box 20 : 33  A-miscellaneous, 1963-1969
Box 20 : 34  Bender, Dr. Harvey A., 1963-1966
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Scope and Content Note
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|                 | Physical Description: 2 folders. |
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- Zeikus, Regina D., 1967-1968
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Access Information
Access to student records in this file restricted until 2043-12-10.

Box 20 : 11-12
- Miscellaneous anecdotes, clippings, and greeting cards.
  Physical Description: 2 folders.


Published and unpublished works by Steinhaus

Box 23 : 11 - 24:
- An abridged glossary of terms used in invertebrate pathology, reviews, 1967
- "Alfalfa caterpillar tests, biological control by artificial spread of virus diseases studied," California agriculture, 1949
- Biological control, book project, 1957-1959
- "Catalog of bacteria associated extracellularly with insects and ticks," review, 1942
- The conduct of a scientist, book project, ca. 1950-1955
| Box 23 : 16 | "Demonstration of the granulosis virus variegated cutworm," *Journal of bacteriology*, 1948-1949 |
| Box 23 : 17 | "Diagnosis of insect diseases; microbial infections in insects diagnosed as part of the research in developing new ways of controlling crop pests," *California agriculture*, 1950-1953 |
| Box 23 : 18 | Dirge for an insect, undated |
| Box 23 : 19-24 | *Disease in a minor chord.*  
Physical Description: 6 folders.  
Physical Description: 6 folders.  
| Box 23 : 25 | "Diseases of invertebrates other than insects," *Bacteriological review*, 1965  
Physical Description: 3 folders.  
| Box 23 : 29 | The housefly *musca domestica*, as vector of disease producing organisms, undated |
| Box 23 : 30 | "Infectious diseases of insects," *Burgey's manual*, 1956  
*Insect microbiology*  
| Box 23 : 31 | Correction notes, undated  
Indices, undated.  
Physical Description: 2 folders.  
| Box 23 : 32-33 | *Legends for illustrations*, 1944 and undated  
*General*, undated.  
Physical Description: 7 folders.  
| Box 24 : 2-5 | Proofs, undated.  
Physical Description: 4 folders.  
| Box 24 : 6 | Reviews, 1946  
| Box 24 : 7 | New edition corrections and additions, undated  
*Insect pathiology: an advanced treatise.*  
Note  
See also Series 2. Topical files.  
| Box 24 : 8 | General, 1960-1962  
| Box 24 : 9-10 | Correspondence, 1960-1963.  
Physical Description: 2 folders.  
| Box 24 : 11 | Preface and indices, 1962 and undated  
| Box 24 : 12 | Reviews, 1962-1963  
| Box 24 : 13 | Invertebrate pathiology, textbook, 1964  
| Box 24 : 14 | *Journal of insect pathology*, editorials, 1969  
| Box 24 : 15 | The microbial control of insects, 1956-1957  
| Box 24 : 16 | Microorganisms attacking or strongly attached to the cuticle, undated  
| Box 24 : 17 | "Nomenclature and classification of insect viruses," *Bacteriology review*, 1940-1949  
| Box 24 : 18 | "Pest control by bacteria; alfalfa caterpillar in field reduced to subeconomic levels within two days by bacillus applied as spray," *California agriculture*, 1951  
| Box 24 : 19 | "Potentialities for microbial control of insects," *Journal of agricultural and food chemistry*, 1956  
| Box 24 : 20-27 | *Principles of insect pathology*  

Box 24 : 30-34  Proofs and correction, 1949.
Physical Description: 5 folders.

Box 24 : 28  Corrections for second printing, 1950
Box 24 : 29  Reviews, 1949-1951 and undated
Box 25 : 1  Relationships between microorganisms and insects, undated
Box 25 : 2  Science articles, 1944-1957
Box 25 : 3  "Some relationships between bacteria and certain sewage inhabiting insects," Mosquito news, 1957
Box 25 : 6  Tularemia, 1943
Box 25 : 7-8  Writings about Steinhaus, 1941-1970.
Physical Description: 2 folders.

Scope and Content Note
Includes UCB and UCI publications, clippings relating to NAS membership, and biographical materials.

Box 25 : 9-13  Miscellaneous
Box 25 : 9-10  Printing plates, undated.
Physical Description: 2 folders.

Box 25 : 11-13  Royalty correspondence
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Physical Description: 2 folders.