
Guide to the Howard A. Schneiderman Papers

Collection number: MS-F005

Special Collections and Archives

The UCI Libraries

University of California

Irvine, California

Processed by:

Andre Ambrus

Date Completed:

2003

Encoded by:

Andre Ambrus

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Descriptive Summary

Title: Howard A. Schneiderman papers,

Date (inclusive): 1944-1979

Collection number: MS-F005

Creator: Schneiderman, Howard A., 1927-1990

Extent: 61.3 linear feet 63 boxes

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 Howard A. Schneiderman. Materials detail Schneiderman's career at the University of California, Irvine (UCI), and his work at Cornell and Case Western University. The collection also contains files documenting Schneiderman's research in insect pathology and his professional activities. Materials include correspondence, research files, published and unpublished writings, photographs, slides, and audio recordings.

Physical location: Stored offsite at SRLF. Advance notice is required for access to the papers.

Language: English

Access

Collection open for research.

Publication Rights

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Preferred Citation

Howard A. Schneiderman papers. MS-F005. Special Collections and Archives, The UC Irvine Libraries, Irvine, California.

Acquisition Information

Gift of Ms. Audrey Schneiderman, circa 1991.

Processing Information

Preliminary processing by Adrian Turner. Processing completed by Andre Ambrus in 2003.

Biography

Howard A. Schneiderman Dean of the School of Biological Sciences at the University of California, Irvine (UCI) had a distinguished career as an entomologist and academic in the field of insect pathology. He was born on February 9, 1927, in New York City. Schneiderman entered Swarthmore College in 1944, graduating with a B.A. in Mathematics in 1948. In 1952, he received his Ph.D. in Physiology from Harvard University where he was also a Teaching Fellow. He received his first professional appointment at Cornell University where he taught from 1953 until 1961. At Cornell, he taught zoology and continued his research on discontinuous respiration, which he discovered while at Harvard.

From 1961 to 1969, Schneiderman was employed as a professor at Case Western Reserve University in Cleveland, Ohio. His research included genetic studies of the development mechanisms of the *Drosophila* (fruit fly). During his tenure he became Director and Chairman of the Developmental Biology Center and was named Jared Potter Kirtland Distinguished Professor. In 1969, he resigned from Case Western to join the faculty at UCI.

Howard Schneiderman had a long career in authoring and editing scholarly publications. He published the biology textbook *ELMS* (Ebert, Loewy, Miller, Schneiderman) in 1973 at Holt Reinhart and Winston with co-editors Jim Ebert, Ariel Loewy and Richard Miller. He was American Editor of *Wilhelm Roux's Archives*, worked for *Developmental Biology*, and was a member of the editorial boards of *Current Topics in Comparative Biology*, *Current Topics in Developmental Biology*, *Journal of Chemical Ecology*, *Journal of Experimental Zoology*, *General and Comparative Endocrinology*, *American Naturalist*, *Bio-Science*, *American Zoologist*, *Developmental Biology* and *Biological Bulletin*.

At UCI, Schneiderman became Dean of the School of Biological Sciences. While at UCI, he was responsible for developing the Center for Pathobiology Department within the School of Biological Sciences while he continued to teach courses in the biological sciences.

In 1979, Schneiderman accepted the position of Senior Vice President for Research and Development at the Monsanto Corporation in St. Louis, Missouri, while retaining an on-leave appointment at UCI. At Monsanto, he was responsible for building a new program in biotechnology. In order to enhance corporate research, Schneiderman also established a system of collaboration with Washington University, St. Louis, Missouri, where he was also employed as an Adjunct Professor.

Schneiderman was acknowledged for his distinguished career numerous times. He was elected to the National Academy of Sciences, appointed to the National Science Board and received a number of awards and honorary degrees from institutions such as Swarthmore, LaSalle College and UCI. After a long bout with leukemia, Howard Schneiderman died in December 1990.

A biographical article on Schneiderman is also available online through "University of California: In Memoriam."

<http://dynaweb.oac.cdlib.org:8088/dynaweb/uchist/public/inmemoriam/inmemoriam1990/>

1927	Born on February 9 in New York City.
1948	B.A. Mathematics, Swarthmore College.
1949	M.A. Zoology, Harvard University.
1952	Ph.D. Physiology, Harvard University.
1952	Studies metamorphosis of <i>Cecropia</i> silkworms under Professor Carroll M. Williams.
1952	Discovers and analyzes the phenomenon of discontinuous respiration and significance of motor nerves for muscle development in insects.
1953-1961	Assistant and later Associate Professor of Zoology, Cornell University.
1956-1958	Teaches invertebrate zoology at the Marine Biological Laboratories at Woods Hole, Massachusetts.
1959-1960	National Science Foundation Senior Postdoctoral Fellow, works with Sir Vincent Wigglesworth at Cambridge University, England.
1961-1969	Joins faculty at Case Western Reserve University.
1961-1969	Investigations of the endocrine control of insect development.
1961-1969	Purification and identification of the chemical structure of two insect juvenile hormones with Andre Meyer.
1961-1969	Director and later Chairman of Developmental Biology Center, Case Western Reserve University.
1962	Director of National Institutes of Health Training Programs in Developmental Biology.
1965	Introduces the fruit fly <i>Drosophila</i> into his laboratory for genetic studies of developmental mechanisms.
1965	Becomes President of the Society for Developmental Biology.
1965	Publishes seminal paper with Mandaram Madhavan on the development of imaginal discs and the precursors of the abdomen in insects.
1966-1969	Jared Potter Kirtland Distinguished Professor at Case Western Reserve University, Cleveland, Ohio.

1969-1979	Joins faculty of University of California, Irvine.
1969-1979	Becomes Dean of the School of Biological Sciences, Chair of the Department of Organismic (later Developmental and Cell) Biology, and Director of the Center for Pathobiology which under his leadership becomes the Developmental Biology Center.
1971	Chairman, Perinatal Biology and Infant Mortality Training Committee of the National Institute of Child Health and Human Development (NICHD) and United States Public Health Service (USPHS).
1973	Distinguished Faculty Award from the UCI Alumni Association.
1975	Elected to the National Academy of Sciences.
1975	Honorary degree from LaSalle College.
1977	Ernst Hadorn Memorial Lecturer at the VIII International Congress of Developmental Biology in Tokyo in 1977.
1979-1990	Leaves UCI to become Senior Vice President for Research and Development at the Monsanto Company in St. Louis, Missouri.
1979-1990	Develops Monsanto's Life Sciences Research Center for Biotechnology Research in Chesterfield, Missouri.
1980	Adjunct Professor at Washington University, Missouri while retaining an on-leave appointment at UCI.
1981	Appointed Advisory Director to the Board of Directors of Monsanto Company.
1981	Member of the Board of Directors of the International Society of Developmental Biologists.
1981	Viktor Hamburger Lecturer at Washington University.
1982	Honorary degree from Swarthmore College.
1983	Gustavson Memorial Lecturer at the University of Nebraska and Founders Memorial Lecturer of the Entomological Society of America.
1985	Member of Board of Directors, G. D. Searle and Co. wholly owned subsidiary of Monsanto Company.
1987	Appointed by President Reagan to the National Science Board, policy-making body of the National Science Foundation.
1989	Awarded the UCI Medal.
1989	Recipient of the Gregor Mendel Gold Medal from the Czechoslovak Academy of Sciences.
1990	Dies in December.
2003	UCI Science Lecture Hall renamed Schneiderman Lecture Hall in memory of Howard Schneiderman.

Scope and Content of Collection

This collection comprises the personal and professional papers of entomologist and academic Howard A. Schneiderman. Materials detail Schneiderman's career at the University of California, Irvine (UCI), and his work at Cornell and Case Western University. The collection also contains files documenting Schneiderman's research in insect pathology and his professional activities. Materials include correspondence, research files, published and unpublished writings, photographs, slides, and audio recordings.

- This collection is arranged into 5 series.
- Series 1. University of California, Irvine files. 16.7 linear ft.
- Series 2. Education and early career. 25 linear ft.
- Series 3. Professional activities and associations. 3.5 linear ft.
- Series 4. Publications, manuscripts, and editorial work. 8.7 linear ft.
- Series 5. Research and grants. 7.4 linear ft.

Related Material

Edward A. Steinhaus Papers. MS-R01. Special Collections and Archives.

Series 1. University of California, Irvine files, 1966-1982

Physical Description: 16.7 linear ft.

Series Scope and Content Summary

This series contains materials documenting Schneiderman's career at UCI as Dean of the School of Biological Sciences and Professor of Biological Sciences.

Materials contain documentation of the Center for Pathobiology and School of Biological Sciences, including correspondence materials. Other UCI files contain campus-wide committee files. Documents also include some topical administrative files maintained by Schneiderman during his tenure as Dean of the School of Biological Sciences. Office of the Dean (OOD) 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.

Arrangement

This series is arranged topically. Files within topical groupings are arranged alphabetically by topic, organization, or form of material. For related materials documenting Schneiderman's professional activities and involvement in scientific organizations, see Series 3. Professional activities and associations files and Series 5. Grants and research.

Access Note

Access to correspondence files, many of which contain University of California personnel and student records, is restricted. Access restrictions are noted at the file level.

Box 1 : 1-17	Center for Pathobiology
Box 1 : 1-2	Correspondence, 1968-1971.
	Physical Description: 2 folders.
Box 1 : 3-4	General, 1968-1972.
	Physical Description: 2 folders.
Box 1 : 5	Guestbook, 1968-1982
Box 1 : 6-13	Project reports, 1970-1978.
	Physical Description: 8 folders.
Box 1 : 14	Quinquennial report, 1968-1973
Box 1 : 15	Research activities, 1971
Box 1 : 16	Research grant application, 1969
Box 1 : 17	Workshop, 1971
Box 1 : 18 – 3 : 14	Committees
Box 1 : 18	Academic Planning Council, 1976-1978
Box 1 : 19	American Society for Cell Biology, Public Policy Committee, 1974-1977
Box 1 : 20 - 2 : 17	California Policy Seminar
Box 1 : 20	Abstracts, 1977
Box 2 : 1	Abstracts and correspondence, 1977-1978
Box 2 : 2	Background reading material, 1974-1977
Box 2 : 3-13	Commissioned papers, 1977.
	Physical Description: 11 folders.
Box 2 : 14	Correspondence from Vasconcellas, John, 1977-1978
Box 2 : 15	Notebook, 1977-1978
Box 2 : 16-17	Traveling folder, 1977-1980.
	Physical Description: 2 folders.
Box 2 : 18	Cancer Biology Program, 1977
Box 2 : 19	Council of Deans, 1978

Box 2 : 20-21 **Developmental and Cell Biology, 1977-1979.**

Physical Description: 2 folders.

Box 2 : 22 **Distinguished faculty lectureships committee, 1975**

Box 2 : 23 **Executive committee, 1976**

Box 2 : 24 **First year graduate students, 1977-1978**

Box 2 : 25 **Focused research programs, 1978**

Box 2 : 26 **Interim biohazard committee, 1976**

Box 2 : 27 **International Center for Biological Control, 1975**

Box 2 : 28 **Jury to select outstanding scientist, 1978-1979**

Box 2 : 29-32 **Marshall Scholarship, 1975-1978 scholars.**

Physical Description: 4 folders.

Box 2 : 33 **Correspondence, 1973-1978**

Box 2 : 34 **National Advisory Child Health and Human Development Council, 1972**

Box 2 : 35 **National Policy Guidance Council for the National Drosophila Resource Center at Austin, Texas, 1978-1979**

Box 2 : 36-37 **Organized Research Unit for Cancer Research, 1978-1979.**

Physical Description: 2 folders.

Box 2 : 38 - 3 : 8 **Program in Oncology, 1975-1979.**

Box 2 : 38 - 3 : 3 **Correspondence, 1976-1977.**

Physical Description: 5 folders.

Box 3 : 4 **Grant applications, 1975**

Box 3 : 5-6 **Research Center for Carcinogenesis and Cell Regulation application, 1976-1978.**

Physical Description: 2 folders.

Box 3 : 7-8 **Steering committee meetings, 1976-1978.**

Physical Description: 2 folders.

Box 3 : 9 **Research in the Life Sciences, circa 1973**

Box 3 : 10 **Search committee, 1970**

Box 3 : 11 **Search for assistant vice chancellor-Development, 1978**

Box 3 : 12 **Steinhaus, Edward A., Award, 1970**

Box 3 : 13 **UCI Center for Health Education, 1975-1978**

Box 3 : 14 **Voluntary nominating group for National Academy of Science for Miklos Bodanszky, 1978**

Box 3 : 15 - 9 : 22 **Correspondence, 1953-1979.**

Access Information

Access to correspondence in this series is restricted until 2055-01-01 due to the presence of University of California personnel and student records scattered throughout.

Box 3 : 15-24 **General, 1953-1968.**

Physical Description: 10 folders.

Individuals

Box 4 : 1 **Miscellaneous A, 1969-1979**

Box 4 : 2 **Abbot, Ursula, 1969-1979**

Box 4 : 3 **Akai, Hiromu, 1969-1979**

Box 4 : 4 **Aldrich, Daniel G., Chancellor, 1969-1979**

Box 4 : 5 **Anderson, Everett, 1969-1979**

Box 4 : 6 **Arditti, Joseph, 1969-1979**

Box 4 : 7-8	Arking, Robert, 1969-1979. Physical Description: 2 folders.
Box 4 : 9	Ashburner, Michael, (University of Cambridge), 1969-1979
Box 4 : 10	Atsat, Peter R. (Population and Environmental Biology, UCI), 1969-1979
Box 4 : 11	Miscellaneous B, 1969-1979
Box 4 : 12	Barrett, Marilyn, 1969-1979
Box 4 : 13	Benzer, Seymour, 1969-1979
Box 4 : 14	Bergot, John, 1969-1979
Box 4 : 15	Berns, Michael, 1969-1979
Box 4 : 16	Bhaskara, G., 1969-1979
Box 4 : 17	Blaustein, Mordecai, 1969-1979
Box 4 : 18	Blumenfeld, Martin, 1969-1979
Box 4 : 19	Blumenthal, Alan, 1969-1979
Box 4 : 20	Bogard, L. M., 1969-1979
Box 4 : 21	Boklage Seminars, 1969-1979
Box 4 : 22	Bostick, Warren, (California College of Medicine), 1969-1979
Box 4 : 23	Boston, Massachusetts, First International Congress on Cell Biology, 1969-1979
Box 4 : 24	Bouhey, Arthur, 1969-1979
Box 4 : 25	Bowers, William S., 1969-1979
Box 4 : 26	Boyette, Roy, 1969-1979
Box 4 : 27	Brossi, Arnold, 1969-1979
Box 4 : 28	Miscellaneous C, 1975-1979
Box 4 : 29	Caccese, Vincent, 1971-1975
Box 4 : 30	Caston, Douglas J., 1972-1975
Box 4 : 31	Clark, Arnold M., 1971-1975
Box 4 : 32	Corff, Sondra, 1979
Box 4 : 33	Counce, Shiela, 1970-1979
Box 4 : 34	Cox, L. E., 1970-1978
Box 4 : 35	CRC Press, Inc., 1978-1979
Box 4 : 36	Currie, Susan, 1972-1976
Box 4 : 37	Cymborowski, Bronislaw, 1976
Box 4 : 38	Miscellaneous D, 1976-1977
Box 4 : 39	Danner, Jean, 1970-1976
Box 4 : 40	Davis, C. H., 1970-1979
Box 4 : 41	Davis, Robert P., 1969-1975
Box 4 : 42	Day, Kenneth A., 1973
Box 4 : 43	DeMallac, Guy, 1974
Box 4 : 44	Dennell, Rob., 1972-1977
Box 4 : 45	Desenberg, Bud, 1975-1976
Box 4 : 46	Dickerman, Lois, 1968
Box 4 : 47	Dixon, Peter, 1970-1976
Box 4 : 48	Djerassi, Carl, 1973
Box 4 : 49	Doane, Winifred, 1971-1978
Box 4 : 50	Dumars, Kenneth W., 1971
Box 4 : 51	Durston, Anthony J., 1974
Box 4 : 52	Miscellaneous E, 1970-1978
Box 4 : 53	Ebert, James D., 1976-1979
Box 4 : 54	Edds, M. V., 1971
Box 4 : 55	Edney, E. B., 1971
Box 4 : 56	Edwards, John S., 1975
Box 4 : 57	Emmerich, Hans, 1972
Box 4 : 58	Miscellaneous F, 1976-1977
Box 4 : 59	Farner, Donald S., 1972-1979
Box 4 : 60	Figley, Richard E., 1973
Box 4 : 61	Fitzpatrick, Andrew, 1970
Box 4 : 62	Fosket, Donald, 1969-1977

Box 4 : 63	Fosket, Elizabeth, 1971-1973
Box 4 : 64	Fraenkel, Gottfried S., 1969-1978
Box 4 : 65	France, workshop on Drosophila development, 1975
Box 4 : 66	Frankel, Joseph, 1970-1972
Box 4 : 67	Miscellaneous G., 1971-1978
Box 5 : 1	Gehring, Walter, 1971-1975
Box 5 : 2	Garen, Alan, 1971-1974
Box 5 : 3	Gallacher, Douglas, 1973-1974
Box 5 : 4	Gerald, Frosty, 1975
Box 5 : 5	Gerard, Ralph Waldo, 1974-1977
Box 5 : 6	Gersch, Manfred, 1972-1973
Box 5 : 7	Gibbs, Daniel, 1973
Box 5 : 8	Gilbert, Lawrence I, 1970-1979
Box 5 : 9	Girard, James E., 1973-1974
Box 5 : 10	Goodall, Baroness Jane van Lawick, 1970
Box 5 : 11	Gorbman, Aubrey, 1971-1975
Box 5 : 12-13	Gordon Conference, 1972-1974.

Physical Description: 2 folders.

Box 5 : 14	Granger, Gale A., 1969-1979
Box 5 : 15	Greenhouse, Gerald Alan, 1973-1976
Box 5 : 16	Guerra, Monica, 1970
Box 5 : 17	Miscellaneous H, 1971-1976
Box 5 : 18	Hadorn, Ernst, 1970-1974
Box 5 : 19	Hall, Glenn, 1973
Box 5 : 20	Hamkalo, Barbara, 1974-1976
Box 5 : 21	Hartman, Carl, 1971-1976
Box 5 : 22	Happ, George M., 1976-1979
Box 5 : 23	Hinton, Howard, 1972-1975
Box 5 : 24	Hitch, Charles, 1975
Box 5 : 25	Hoyle, Graham, 1970
Box 5 : 26	Miscellaneous I, 1971-1973
Box 5 : 27	Illmensee, Karl, 1972-1976
Box 5 : 28	Inoue, Sakae, 1972-1973
Box 5 : 29	Ionophone research, 1973-1974
Box 5 : 30	Ito, Toshio, 1970-1972
Box 5 : 31	Miscellaneous J, 1972-1979
Box 5 : 32	Jaffe, Lionel, 1976-1977
Box 5 : 33	Johnson, Marshall, 1971
Box 5 : 34	Jolly, Manjeet, 1971-1977
Box 5 : 35	Josephson, Robert K., 1960-1976
Box 5 : 36	Judy, Kenneth, 1970-1978
Box 5 : 37	Justice, Keith, 1970-1976
Box 5 : 38	Miscellaneous K, 1970-1979
Box 5 : 39	Kafatos, Fotis, 1971-1977
Box 5 : 40	Kalthoff, Klaus, 1972-1979
Box 5 : 41	Kaplan, N. O., 1978
Box 5 : 42	Karelsen, Frank, 1975
Box 5 : 43	Karelsen, Frank E., III, 1973-1977
Box 5 : 44	Kauffman, Stuart, 1974-1976
Box 5 : 45	Kendrick, Francis, 1978-1979
Box 5 : 46	Kiger, John, 1978-1979
Box 5 : 47	King, Robert C., 1975-1976
Box 5 : 48	Kleinholz, Lewis H., 1971-1972
Box 5 : 49	Kleinman, Iris, 1971-1975
Box 5 : 50	Kloke, Eloise, 1971-1975
Box 5 : 51	Koopowitz, Harold, 1970-1976

Box 5 : 52 **Krassner, Stuart M., 1966-1978**
Box 5 : 53 **Krauss, R. E., 1970**
Box 5 : 54-55 **Krishnakumaran, A., 1964-1979.**

Physical Description: 2 folders.

Box 5 : 56 **Kroeger, Heinrich, 1970-1979**
Box 5 : 57 **Miscellaneous L, 1975-1977**
Box 5 : 58 **Lambremont, Edward, 1973-1974**
Box 5 : 59 **Landa, Vladimir, 1970-1972**
Box 5 : 60 **Lawrence, Peter, 1972-1977**
Box 5 : 61 **Lazare, D., 1971-1972**
Box 5 : 62 **Ledwitz, Florence, 1966-1967**
Box 5 : 63 **Lensky, Yacov, 1965-1970**
Box 5 : 64 **Lewin, Ralph A., 1970**
Box 5 : 65 **Lewis, E. B., 1969-1975**
Box 5 : 66 **Liblice Conference, regulation of insect reproduction, 1974**
Box 5 : 67 **Linder, Bud, 1970-1972**
Box 5 : 68 **Locke, Michael, 1970-1979**
Box 5 : 69 **Loeb, Marcia, 1972**
Box 5 : 70 **Loomis, W. F., 1970-1972**
Box 5 : 71 **Lowell, Ralph D., 1970**
Box 5 : 72 **Lynch, Gary, 1971-1978**
Box 6 : 1-2 **Miscellaneous M, 1969-1979.**

Physical Description: 2 folders.

Box 6 : 3 **MacMillen, Richard, 1975-1976**
Box 6 : 4 **Mahowald, Anthony, 1971-1977**
Box 6 : 5 **Mandaron, Paul, 1972-1973**
Box 6 : 6 **Marine Science Program, 1970-1971**
Box 6 : 7 **Marsh, Gordon, 1970-1975**
Box 6 : 8 **McGaugh James, L., 1971-1978**
Box 6 : 9 **McLaughlin, Calvin S., 1975-1978**
Box 6 : 10 **McMorris, Trevor, 1975-1976**
Box 6 : 11 **Meinwald, Jerrold, 1971-1976**
Box 6 : 12 **Menn J. J., 1970-1973**
Box 6 : 13 **Merriam, John, 1970-1971**
Box 6 : 14 **Meyer, Andre S., 1969-1975**
Box 6 : 15 **Miller, Clifton C., 1971-1972**
Box 6 : 16 **Mills, K. S., 1970**
Box 6 : 17 **Moscona, Aron, 1970-1976**
Box 6 : 18 **Mosier, David H., 1965-1969**
Box 6 : 19 **Miscellaneous N, 1971-1976**
Box 6 : 20 **Nothiger, Rolf, 1970-1979**
Box 6 : 21 **Novak, Vladimir J. A., 1966-1971**
Box 6 : 22 **Nuesch, Hans, 1970**
Box 6 : 23 **Miscellaneous O, 1971-1975**
Box 6 : 24-25 **Oberlander, Herbert, 1961-1979.**

Physical Description: 2 folders

Box 6 : 26 **Ohtaki, Dr. Tetsuya, 1975-1980**
Box 6 : 27 **Orange County Water District, 1975**
Box 6 : 28 **Osbeck, Bert, 1972-1976**
Box 6 : 29 **Ouweneel, Willem J., 1973-1976**
Box 6 : 30-31 **Miscellaneous P, 1974-1977.**

Physical Description: 2 folders.

Box 6 : 32 Pardy, Roosevelt, 1971-1977
Box 6 : 33 Patel, Dr. Narayan, 1964-1975
Box 6 : 34 Pauley, Gilbert, 1972-1974
Box 6 : 35 Petersen, Nancy, 1972-1974
Box 6 : 36 Pittendrigh, Colin S., 1973
Box 6 :37 Poels, Cornelis, 1972
Box 6 : 38 Pollard, John K., Jr., 1970-1973
Box 6 : 39 Price, Carl A., 1971-1974
Box 6 : 40 Miscellaneous R, 1974-1976
Box 6 : 41 Rao, Dr. K. N., 1969-1973
Box 6 : 42 Reines, Frederick, 1970
Box 6 : 43 Reinhardt, C. O., 1970
Box 6 : 44 Riddiford, Lynn, 1973-1979
Box 6 : 45 Riley, Russell, 1970-1974
Box 6 : 46 Rockstein, Morris, 1972-1976
Box 6 : 47 Rohdendorf, Eugenia, 1972-1975
Box 6 : 48 Romney, A. K., 1970-1971
Box 6 : 49 Roos, Thomas B., 1969-1970
Box 6 : 50 Ruffing, Faith E., 1971-1972
Box 6 : 51 Rundel, Philip, 1970-1973
Box 6 : 52 Russell, Roger W., 1969-1972
Box 6 : 53 Rustad, Ronald C., 1970-1973
Box 6 : 54-55 Miscellaneous S, 1968-1979.

Physical Description: 2 folders.

Box 7 : 1 Sang, James, 1970-1978
Box 7 : 2 Saunders, John Jr., 1970
Box 7 : 3 Schmidt-Nielsen, Knut, 1970-1974
Box 7 : 4 Schneiderman, Martin, 1970-1971
Box 7 : 5 Schooley, David, 1976-1979
Box 7 : 6 Schultz, Jonas, 1973-1976
Box 7 : 7 Schubiger, Gerold, 1969-1979
Box 7 : 8 Schubiger, Margrit, 1972
Box 7 : 9 Seapy, Roger, 1972-1973
Box 7 : 10 Seecof, Robert, 1971-1976
Box 7 : 11 Segal, Sheldon J., 1970-1971
Box 7 : 12 Sengel, P., 1971
Box 7 : 13 Shimizu, Stan, 1975-1976
Box 7 : 14 Skinner, Dorothy, 1974
Box 7 : 15 Shearn, Allen, 1974-1977
Box 7 : 16 Shorey, H. H., 1972
Box 7 : 17 Siddall, John, 1971
Box 7 : 18 Singer, Marcus, 1968-1970
Box 7 : 19 Slama, Karel, 1971-1972
Box 7 : 20 Smirl, William, 1971-1976
Box 7 : 21 Smith, John, 1976-1979
Box 7 : 22 Socha, Radomir, 1977
Box 7 : 23 Staal, Gerardus B., 1971-1977
Box 7 : 24 Stehli, Francis G., 1970-1971
Box 7 : 25 Stephens, Grover, 1971-1976
Box 7 : 26 Stern, Curtis and Evelyn, 1971-1978
Box 7 : 27 Steward, F. C., 1970-1975
Box 7 : 28 Strommen, Carol Arita, 1975
Box 7 : 29 Suzuki, David T., 1970-1976
Box 7 : 30 Swift, Hewson, 1969-1970
Box 7 : 31 Miscellaneous T, 1974-1977

Box 7 : 32 Thompson, Richard F., 1971-1976
Box 7 : 33 Thornton, Raymond, 1971-1976
Box 7 : 34 Tilley, Robert J., 1974-1978
Box 7 : 35 Tokunaga, Chiyoko, 1971-1977
Box 7 : 36 Tonapi, G. T., 1966-1971
Box 7 : 37 Torrey, John G., 1970-1971
Box 7 : 38 Treherne, J. E., 1966-1971
Box 7 : 39 Tsavo National Park, Seventh Annual Symposium, 1974
Box 7 : 40 Tucson, Arizona, American Society of Zoologists, 1974
Box 7 : 41 Miscellaneous U, 1970-1977
Box 7 : 42 U.C. Riverside Department of Entomology, 14th Annual Conference, 1972
Box 7 : 43 Udall, John A., 1969-1970
Box 7 : 44 Ursprung, Heinrich, 1970-1973
Box 7 : 45 Miscellaneous V, 1971-1978
Box 7 : 46 Vacquier, Victor D., 1974-1978
Box 7 : 47 Van der Kloot, W. G., 1969
Box 7 : 48 Van Houten, Julie, 1974-1975
Box 7 : 49 Venice, NATO Conference, 1972
Box 7 : 50 Vierra, Lloyd F., 1970
Box 7 : 51 Vyse, Ernest, 1970-1977
Box 7 : 52 Miscellaneous W, 1973-1979
Box 7 : 53 White House, 1979
Box 7 : 54 Wadman, William III, 1969-1978
Box 7 : 55 Warn, Richard, 1972-1973
Box 7 : 56 Warner, Robert C., 1970-1977
Box 7 : 57 Wasserman, Gerhard, 1972
Box 7 : 58 Weinberger, N., 1971-1975
Box 7 : 59 Weiss, Paul, 1972
Box 7 : 58 Weston, James, 1975-1976
Box 7 : 59 Whalen, Richard, 1970-1978
Box 7 : 60 Whiting, Mavonne, 1974
Box 7 : 61 Whitten, Joan, 1972
Box 7 : 62 Wigglesworth, Vincent, 1970
Box 7 : 63 Williams, Carroll, 1970-1977
Box 7 : 64 Wolpert, Lewis, 1971-1973
Box 7 : 65 Wright, David, 1976-1978
Box 7 : 66 Wright, Theodore, 1973-1975
Box 7 : 67 Wulff, Daniel, 1971-1979
Box 7 : 68 Wynne, Leslie, 1972-1975
Box 7 : 69 Miscellaneous X-Y, 1965-1979
Box 7 : 70 Yamazaki, Masayoshi, 1968-1970
Box 7 : 71 Miscellaneous Z, 1970-1976
Box 7 : 72 Zornetzer, Michelle, 1972-1974
Box 7 : 73 - 8 : 22 **Outgoing**
Box 7 : 73 - 8 : 18 **1970-1975.**

Physical Description: 23 folders.

Box 8 : 19-22 **A-Z, 1976-1977.**

Physical Description: 4 folders.

Box 9 : 1-22 **Letters of recommendation, A-Z, 1967-1979.**

Physical Description: 22 folders.

Box 9 : 23 - 12 : 23 **Teaching and research files**

- Box 9 : 23 - 10 : 25 **Biology lecture materials, 1969-1979.**
Physical Description: 34 folders.
- Box 10 : 26 - 11 : 16 **Course materials and lecture notes, 1967-1975.**
Physical Description: 21 folders.
- Box 11 : 17 - 12 :
1-16 **Research by others, 1968-1977.**
Physical Description: 30 folders.
- Box 12 : 17-23 **Correspondence, 1971-1978.**
Physical Description: 7 folders.
- Box 12 : 24 - 17 : 10 **OOD (Office of the Dean), correspondence**
Box 12 : 24 - 13 : 13 **500 - General, outgoing.**
Physical Description: 25 folders.
- Box 13 : 14 - 14 : 12 **501 - General, incoming.**
Physical Description: 50 folders.
- Box 14 : 13-23 **503 - Concerning organizations.**
Physical Description: 11 folders.
- Box 14 : 24-41 **507 - Concerning publications.**
Physical Description: 18 folders.
- Box 14 : 42 - 15 : 22 **508 - Concerning committees.**
Physical Description: 24 folders.
- Box 15 : 23-24 **510 - Concerning grants.**
Physical Description: 2 folders.
- Box 15 : 25 **512 - Publications**
Box 15 : 26-27 **Academic and state planning.**
Physical Description: 2 folders
- Box 15 : 28-33 **Biographical materials.**
Physical Description: 6 folders.
- Box 16 : 1-10 **Regarding publications.**
Physical Description: 10 folders.
- Box 16 : 11 - 17 : 10 **Trips and talks.**
Physical Description: 15 folders.
- Box 17 : 11-19 **Topical administrative files.**
Physical Description: 9 folders.

Series 2. Education and early career, 1944-1973

Physical Description: 25 linear ft.

Series Scope and Content Summary

This series contains materials documenting Schneiderman's education and career, beginning with his undergraduate work at Swarthmore College and continuing through at Columbia and Harvard. In addition, it documents his professional activities at Case Western Reserve University and his work done for Hoffmann La Roche through research files, grant proposals, and correspondence from this time period. Materials also contain student files, including his undergraduate and graduate work along with student materials from his years as an educator. The professional correspondence file includes letters to colleagues, students, friends, and others. Other correspondence can be found throughout this series under related institutions.

Arrangement

This series is arranged topically. Files within topical groupings are arranged alphabetically by topic, organization, or form of material. For related materials documenting Schneiderman's professional activities and involvement in scientific organizations, see Series 3. Professional activities and associations, Series 5. Research and grants.

Box 18 : 1 - 19 : 10 **Swarthmore**

Box 18 : 1 - 19 : 4 **Class notes, 1944-1948.**

Physical Description: 30 folders.

Box 19 : 5-10 **General materials, 1944-1948.**

Physical Description: 6 folders.

Box 19 : 11-16 **Columbia, class notes, 1945-1946.**

Physical Description: 6 folders.

Box 19 : 17 - 21 : 12 **Harvard**

Box 19 : 17 - 21 : 8 **Class notes, 1948-1952.**

Physical Description: 37 folders.

Box 21 : 9-12 **General materials, 1948-1952.**

Physical Description: 4 folders.

Box 21 : 13-14 **Woodshole Oceanographic Institute, 1949-1953**

Box 21 : 15 - 28 : 23 **Cornell University**

Box 21 : 15 - 22 : 13 **Correspondence, A-Z, 1953-1961.**

Physical Description: 30 folders.

Box 22 : 14-21 **Correspondence, miscellaneous, 1959-1961.**

Physical Description: 8 folders.

Box 22 : 22 - 28 : 1 **Course materials**

Box 22 : 22 - 23 : 3 **Bio lectures, 1954-1957.**

Physical Description: 8 folders.

Box 23 : 4 - 24 : 9 **Bio theses, 1954-1959.**

Physical Description: 25 folders.

- Box 24 : 10 - 27 : 3 **Lecture materials, 1953-1961.**
Physical Description: 52 folders.
- Box 27 : 4 - 28 : 1 **Research done by others, 1954-1961.**
Physical Description: 16 folders.
- Box 28 : 2-23 **Topical files, 1953-1961.**
Physical Description: 22 folders.
- Box 62 : 13 **Cambridge University, 1959**
Box 28 : 24 **Oak Ridge Institute of Nuclear Studies. Course materials, 1959**
Box 29 : 1 - 41 : 29 **Case Western Reserve University**
Box 29 : 1 - 39 : 17 **Correspondence, A-Z, 1954-1969.**

Scope and Content Note

Individuals and organizations. Arranged by surname or name of organization.

- Box 29 : 1-45 **A - B. 1959-1969.**
Physical Description: 45 folders.
- Box 30 : 1-36 **B - C. 1955-1969.**
Physical Description: 36 folders.
- Box 31 : 1-48 **C - F. 1960-1969.**
Physical Description: 48 folders.
- Box 32 : 1-40 **F - I. 1956-1969.**
Physical Description: 40 folders.
- Box 33 : 1-41 **I - L. 1960-1969.**
Physical Description: 41 folders.
- Box 34 : 1-24 **L - M. 1957-1969.**
Physical Description: 24 folders.
- Box 35 : 1-38 **M-O. 1960-1969.**
Physical Description: 38 folders.
- Box 36 : 1-47 **O-S. 1958-1969.**
Physical Description: 47 folders.
- Box 37 : 1-38 **S. 1954-1969.**
Physical Description: 38 folders.
- Box 38 : 1-32 **S - W. 1961-1969.**
Physical Description: 32 folders.

- Box 39 : 1-17 **W - Z. 1955-1969.**
Physical Description: 17 folders.
- Box 39 : 18 - 40 : **Correspondence, miscellaneous, 1961-1968.**
1-14
Scope and Content Note
Organized chronologically.
- Box 41 : 1 - 21 **Course files**
Box 41 : 1-17 **Class materials, 1961-1971.**
Physical Description: 17 folders.
- Box 41 : 18-21 **Research by others, 1962-1964.**
Physical Description: 4 folders.
- Box 41 : 22-29 **Topical files, 1961-1968.**
Physical Description: 8 folders.
- Box 42 : 1-25 **Hoffmann-La Roche, Maag materials, 1970-1973.**
Physical Description: 25 folders.

Series 3. Professional activities and associations, 1952-1980

Physical Description: 3.5 linear ft.

Series Scope and Content Summary

This series comprises materials documenting lectures and conferences attended by Schneiderman and his extensive cooperation with the National Institutes for Health.

Arrangement

Folders contain materials on lectures, seminars, workshops, and conferences. Folders are arranged topically and alphabetically and chronologically within files.

Box 43 : 1 - 44 : 32 **Lectures and conferences**

Box 43 : 1-56 **1952-1967.**

Physical Description: 56 folders.

Box 44 : 1-32 **1967-1979.**

Physical Description: 32 folders

Box 44 : 33 - 46 : 10 **National Institutes for Health (NIH) materials**

Box 44 : 33-34 **Commissions, 1971-1980.**

Physical Description: 2 folders.

Box 44 : 41- 45: 7 **Correspondence, 1961-1979.**

Physical Description: 14 folders.

Box 45 : 19- 46 : 4 **Proposals, 1970-1977.**

Physical Description: 16 folders.

Box 46 : 5-9 **Site visits, 1976-1977.**

Physical Description: 5 folders.

Box 46 : 10 **Workshop materials, 1970-1974**

Series 4. **Publications, manuscripts, and editorial work, 1953-1979**

Physical Description: 8.7 linear ft.

Series Scope and Content Summary

This series contains materials on the cooperative effort Schneiderman participated in to create *ELMS* (Ebert, Loewy, Miller, Schneiderman) a biology textbook in cooperation with Jim Ebert, Ariel Loewy and Richard Miller in the 1960s. Materials also include a film project and editing work done for numerous scientific journals

Arrangement

Folders are arranged topically and alphabetically and chronologically within files.

Box 46 : 11 - 49 : 22 **Monographs**

Box 46 : 11 - 48 : 14 **ELMS materials**

Box 46 : 11-22 **Correspondence, 1965-1975.**

Physical Description: 12 folders.

Box 46 : 23 - 47 : 28 **Manuscript, 1967-1975.**

Physical Description: 34 folders.

Box 47 : 29 **Newsclippings, 1972-1974**

Box 47 : 30-37 **Photos, circa 1967- circa 1974.**

Physical Description: 8 folders.

Box 47 : 38 **Plants, 1948-1963**

Box 47 : 39-45 **Publishers and staff, 1965-1973.**

Physical Description: 7 folders

Box 48 : 1-12 **Research, 1966-1975.**

Physical Description: 12 folders.

Box 48 : 13 **Reviews, 1967-1973**

Box 48 : 14 **Textbook, 1973**

Box 48 : 15 - 49 : 22 **Cataloging Nature, 1968-1974.**

Physical Description: 27 folders.

Box 49 : 23-25 **Film, CRM Productions, 1971-1972**

Box 49 : 26 - 51 : 16 **Publications and writings, 1953-1979.**

Arrangement

Arranged alphabetically.

Box 51 : 17 - 55 : 5 **Editorship**

Box 51 : 17 -53 : 18 **HRW, 1965-1978.**

Physical Description: 29 folders.

Box 53 : 19 -37 **Proceedings of the National Academy of Sciences, 1975-1979.**

Physical Description: 19 folders.

Box 53 : 38 -54 : 27 **Wilhelm Roux Archives, 1967-1979.**

Physical Description: 29 folders.

Box 54 : 28 - 55 : 5

Miscellaneous, 1966-1979.

Physical Description: 6 folders.

Series 5. Grants and research, 1953-1982

Physical Description: 7.4 linear ft.

Series Scope and Content Summary

This series consists of Schneiderman's extensive grants and research files, which include research notes documenting, to a large extent, his work with *Drosophila*, and other insects. Materials also include detailed description of experiments, data sheets, and photographic prints.

Arrangement

Files are arranged alphabetically and chronologically within files.

Box 55 : 5 - 57 : 20 **Grants and related materials**

Box 55 : 5 - 57 : 3 **Grants**

Box 55 : 5 **Control Systems in Insect Development, 1967**

Box 55 : 6-7 **Cornell, 1955-1957.**

Physical Description: 2 folders.

Box 55 : 8-10 **Developmental Biology, 1965-1967.**

Physical Description: 3 folders.

Box 55 : 11 **Developmental Organization of the *Drosophila* Embryo and Imaginal Discs, 1974-1976**

Box 55 : 12 **Equipment for Biological Research Programs, 1965-1966**

Box 55 : 13 **Faculty Research, 1955**

Box 55 : 14-16 **Ford Foundation, 1963-1965.**

Physical Description: 3 folders.

Box 55 : 17-19 **Genetically Controlled Malignant Neoplasms, 1970-1982.**

Physical Description: 3 folders.

Box 55 : 20-23 **Graduate Training Grant, 1964-1966.**

Physical Description: 3 folders.

Box 55 : 24 **Insect Development, 1965-1966**

Box 55 : 25 **Instructional Equipment for Biology Department Senior Laboratory, 1961-1962**

Box 55 : 26 - 56 : 1 **Metabolism and Hormones in Arthropods, 1973-1974.**

Physical Description: 2 folders.

Box 56 : 2-14 **National Science Foundation, 1958-1977.**

Physical Description: 13 folders.

Box 56 : 17 - 57 : 1-2 **Physiology and Biochemistry of Insect Growth, 1954-1960.**

Physical Description: 5 folders.

Box 57 : 3 **Undergraduate Scientific Equipment, 1965-1968**

Box 57 : 4-20 **Related materials**

Box 57 : 4 **Forms, 1962**

Box 57 : 5-20 **Reviews, 1963-1971.**

Physical Description: 16 folders.

Box 57 : 21 - 61 : 22 **Research**

Box 57 : 21 - 59 : 27	Research files
Box 57 : 21	Anaerobic Metabolism in Cecropia, circa 1960- circa 1965
Box 57 : 22	Artemia Salina, 1953
Box 57 : 23	A Brief Survey of the Effects of Potential Antimetabolites and Enzymes on the Development of Giant Silkmoths, circa 1959
Box 57 : 24	Brain Tumors and Other Neoplasms, 1972
Box 57 : 25	Carbon Monoxide Research, 1954
Box 57 : 26	Cell Lineage, Growth and Determination in the Imaginal Leg Discs of Drosophila Melanogaster, 1967-1968
Box 57 : 27	Chemicals Tests, 1962-1963
Box 57 : 28	Compound Autosomes, circa 1974
Box 57 : 29-31	Control Systems in Insect Development, 1966-1969.
	Physical Description: 3 folders.
Box 57 : 32	Cyclic Release of Carbon Dioxide, circa 1950
Box 57 : 33	Cytochrome System Inhibitions, 1952
Box 57 : 34	Daughters from Daughterless Mothers, 1976
Box 57 : 35	Development of Tenebrio, 1959
Box 57 : 36	Diapause Production, 1957
Box 57 : 37- 58 : 1	Discontinuous Respiration, 1956-1960.
	Physical Description: 2 folders.
Box 58 : 2	DNA Research, 1965-1966
Box 58 : 3	Drosophila Viruses, 1962-1967
Box 58 : 4	Ethology, 1950
Box 58 : 5	Evidence of Multipotency of Drosophila, circa 1976
Box 58 : 6	Galleria, circa 1960
Box 58 : 7	Griseofulum, 1959
Box 58 : 8	Growth and Differentiation of Eye-Antennal Discs of Drosophila, 1965-1966
Box 58 : 9	Histological Analysis of the Dynamics of Growth of Imaginal Discs and Histoblast Nests During the Larval Development of Drosophila Melanogaster, 1968-1979
Box 58 : 10-11	Hormone Research, 1964-1968.
	Physical Description: 2 folders.
Box 58 : 12-13	Imaginal Discs of Drosophila, 1968.
	Physical Description: 2 folders.
Box 58 : 14	Insect Development, 1965-1966
Box 58 : 15	Insect Fine Structures, 1962-1966
Box 58 : 16	Institute for Cancer Research, 1970
Box 58 : 17-19	Juvenile Hormone Research, 1954-1965.
	Physical Description: 3 folders.
Box 59 : 1	Larval Pupil-Adult Transformations, circa 1960- circa 1965
Box 59 : 2-4	Madhavan, 1967-1977.
	Physical Description: 3 folders.
Box 59 : 5	Marmoniella, 1965
Box 59 : 6	Mosaic Systems, 1970
Box 59 : 7-9	NIH, Aging, 1960-1969.
	Physical Description: 3 folders.
Box 59 : 10	NSF - Electron Microscope, 1962

- Box 59 : 11 **NSF - Research Equipment, 1962**
- Box 59 : 12 **Origin and Regulation of the Presumptive Adult Abdominal Segments in Drosophila Melanogaster, circa 1972**
- Box 59 : 13-14 **Oxygen Poisoning, 1957-1960.**
- Physical Description: 2 folders.**
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- Box 59 : 15 **Physiology and Biochemistry of Insect Growth, 1954-1959**
- Box 59 : 16 **Plants, 1951-1957**
- Box 59 : 17 **Preservation of Wild-Type and Neoplastic Drosophila Cell Lines at Low Temperature, 1970**
- Box 59 : 18 **Preliminary Report on the Effects of Griseofulvin on Insect Development, 1960**
- Box 59 : 19 **Prolongation of Life and Molting in Adult Moths, circa 1961- circa 1969**
- Box 59 : 20 **Radiation of Phormia Eggs, 1953**
- Box 59 : 21 **Rearing of Samia Cynthia Ricini, circa 1956**
- Box 59 : 22 **Starch Gel Data, 1960-1964**
- Box 59 : 23-25 **Ultrastructural Study, circa 1968.**
- Physical Description: 3 folders.**
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- Box 59 : 26 **Vessel Constants, circa 1965**
- Box 59 : 27 **Virus-Like Particles in Normal and Tumorous Tissues of Drosophila, 1967**
- Box 60 : 1 - 61 : 22 **Related materials**
- Box 60 : 1 **Research abstracts, 1958**
- Box 60 : 2-4 **Assay summaries, 1959-1961.**
- Physical Description: 3 folders.**
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- Box 60 : 5-21 **Correspondence, 1953-1969.**
- Physical Description: 17 folders.**
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- Box 61 : 1-8 **Experiments, 1953-1976.**
- Physical Description: 8 folders.**
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- Box 61 : 9-16 **Notes, 1954-1965.**
- Physical Description: 8 folders.**
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- Box 62 : 1- **Photographic prints, circa 1952- circa 1965**
- Box 61 : 17-19 **Reports, 1959-1969.**
- Physical Description: 3 folders.**
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- Box 61 : 20-21 **Site visits, 1962-1968.**
- Physical Description: 2 folders.**
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- Box 61 : 22 **Summaries, 1976**