



Rockefeller University records, Director, Herbert Spencer Gasser, Biographical Material, Series 6

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Rockefeller Archive Center

15 Dayton Avenue
Sleepy Hollow 10591

archive@rockarch.org

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

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Summary Information

| | |
|----------------------------------|---|
| Repository: | Rockefeller Archive Center |
| Creator - aut: | Gasser, Herbert S. (Herbert Spencer) |
| Creator: | Rockefeller University |
| Creator: | Rockefeller Institute for Medical Research |
| Title: | Rockefeller University records, Director, Herbert Spencer Gasser, Biographical Material, Series 6 |
| ID: | FA814 |
| Date [inclusive]: | 1935-1961 |
| Physical Description: | 22.2 Cubic Feet 45 boxes, 4 volumes, 2 packages |
| Physical Description: | 45 boxes; 4 volumes; 2 packages |
| Language of the Material: | English |

Preferred Citation note

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

Herbert Spencer Gasser, 1888-1963, physiologist, was Director of The Rockefeller Institute for Medical Research, 1935-1953. His early work at the University of Wisconsin and at Washington University was done on circulation and respiration, including the mechanism through which the heart is accelerated in exercise and the rate of decreased oxidation in the respiratory center. Later at Washington University and at Cornell University Medical College his major interest was in the physiology of nerve, developing electrophysiological techniques through the development of vacuum tube amplification and the cathode ray oscillograph. In collaboration with Joseph Erlanger, also of Washington University, he developed an exhaustive determination of the constants of nerve fibers and the classification of nerve fibers in accordance with their properties. The two men shared the Nobel Prize in Medicine and Physiology in 1944 for this work.

| Biographical Note | |
|--------------------------|---|
| 1888 | Born July 5 Platteville, Wisconsin |
| 1907 | Graduate State Normal School of Wisconsin, Platteville |
| 1910 | A.B. University of Wisconsin |
| 1911 | A.M. University of Wisconsin |
| 1911-1912 | Assistant in physiology University Wisconsin |
| 1912-1913 | Instructor in physiology, University Wisconsin |
| 1915 | M.D. Johns Hopkins University Medical School |
| 1915-1916 | Instructor in pharmacology, University Wisconsin |
| 1916-1918 | Instructor in physiology, Washington University St. Louis |
| 1918-1920 | Associate in physiology, Washington University |
| 1920-1921 | Associate Professor in physiology, Washington University |
| 1921-1931 | Professor in pharmacology, Washington University |
| 1923-1925 | Study abroad: University College, London; National Institute of Medical Research, London; Sorbonne, Paris; University of Munich |
| 1931-1935 | Professor physiology, Cornell University Medical College New York, New York |
| 1935-1953 | Director, The Rockefeller Institute for Medical Research, New York, New York |

| | |
|------|---|
| 1953 | June, retired as Director; returned to work in his laboratory; Member Emeritus RIMR |
| 1963 | Died May 11 New York Hospital, New York, N.Y. Cremated; ashes sent to sister. Interred family plot, Platteville, Wis. |

Prizes

| | |
|------|---|
| 1944 | Nobel Prize in Physiology and Medicine Shared with Dr. Joseph Erlanger |
| 1954 | Kober Medal, Association of American Physicians |

Clubs Sigma Xi, Gamma Alpha, Alpha Omega Alpha, Century Club, Quadrangle Club

Honorary Degrees

| | |
|------|--|
| 1936 | D. Sc. university of Pennsylvania |
| 1940 | D. Sc. University of Rochester |
| 1940 | LL. D. Washington University |
| 1941 | D. Sc. University of Wisconsin |
| 1945 | D. Sc. Columbia University |
| 1947 | LL. D. Johns Hopkins University |
| 1947 | D. Sc. Oxford University |
| 1948 | D. Sc. Harvard University |
| 1949 | Doctor Honoris Causa, Université Libre de Bruxelles |
| 1949 | Doctor of Medicine, Honorary. Université Catholique de Louvain |
| 1953 | Honorifique de docteur. Université de Paris |

| | |
|---------------|---|
| 1959 | D. Sc. The Rockefeller University |
| Served | |
| 1918 | Pharmacologist, Chemical Warfare Service |
| 1936 | Johnson Foundation Lecturer, University of Pennsylvania |
| 1937- | Rockefeller Foundation Trustee |
| 1937- | Russell Sage Institute of Pathology. Board of Directors |
| 1941- | Princeton University. Dept. of Biology |
| 1941-1944 | National Defense Research Committee Division 9 |
| 1945 | Research Board for National Security (Member) |
| 1947 | Massachusetts General Hospital, Scientific Advisory Committee |

Member of American Societies, American Academy of Arts and Sciences, Fellow, American Association for the Advancement of Science, Fellow, American Neurological Association (Associate Member), American Philosophical Society, American Physiological Society, American Society of Pharmacology and Experimental Therapeutics, American Society of Electroencephalography (Honorary), Association for Research in Nervous and Mental Disease, Association of American Physicians, Harvey Society (Councilor, Vice President, President), History of Science Society, National Academy of Sciences, Society for Experimental Biology and Medicine (Pres. 1937-1939), New York State Society for Medical Research (Active Member, 1952), Foreign Societies, Académie Royale de Médecine de Belgique, correspondence member, Accademia della Scienze dell'Istituto di Bologna, correspondence member, Asociación Médica Argentina, Honorary Member, Finnish Academy of Sciences, Honorary Foreign Member, Physiological Society (British) Honorary Member, Royal Society of Edinburgh, Honorary Member, Royal Society of London, Honorary Member, Royal Swedish Academy of Sciences, Foreign Member, Sociedad Argentina de Biología, Honorary Member, Société Philomathique de Paris, Corresponding Member

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Scope and Contents

Documents awards, nominations, addresses, laboratory notes, correspondence and memoranda.

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Arrangement

Primarily original order.

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File Plan note

Former Classification: I 302-6

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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

Immediate Source of Acquisition note

The Herbert Spencer Gasser collection was deposited with the Rockefeller University Archives by The University.

Processing Information note

Processed by Ruth Sternfeld, 1977.

Conditions Governing Access note

This collection is open for research. Brittle or damaged items are available at the discretion of RAC. Material in the Rockefeller family collections that provides the names, correspondence, or activities of living members of the Rockefeller family, and/or documents the net wealth of any Rockefeller family members, is restricted from scholarly access. 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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Related Materials

Related Archival Materials note

Herbert Spencer Gasser was Director of The Rockefeller Institute for Medical Research 1935-1953. During his tenure he continued many of the administrative routines which had been established during the directorship of Simon Flexner. Thus, much administrative correspondence, in particular, matters dealing with personnel and administration of the physical plant are to be found in the papers of the Business Manager, Edric B. Smith, who served also, as Secretary of the Board of Trustees.

See FA137 Rockefeller University records, Business Manager, Subject Files, Series 3. See FA809 Rockefeller University records, Business Manager, Series 4.

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Controlled Access Headings

- Medical sciences
- Medical research
- Viruses -- Research
- Physiology
- Princeton University
- National Academy of Sciences (U.S.)
- Flexner, Simon

Other Finding Aids

FA143 Rockefeller University records, Herbert Spencer Gasser, Correspondence, Series 2.

FA813 Rockefeller University records, Herbert Spencer Gasser, Subject Files, Series 4.

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Collection Inventory

Biographical material

Physical Description: 22.2 Cubic Feet 45 boxes, 4 volumes, 2 packages.

| Title/Description | Instances | |
|---|-----------|----------|
| Biographical summaries | box 1 | folder 1 |
| Prepared at Rockefeller Institute 2pp, 1947 July | | |
| Prepared for National Cyclopedia of American Biography by John Simon, assoc. ed. 4 pp, 1935 October | | |
| Carbon copy of typescript. Prepared for NCAB 3pp Carbon copy of security questionnaire for US Government, 1937-1938 | | |
| List of Societies, typescript with copies of materials from various questionnaires, 1942 | | |
| Information for Biographical Encyclopedia of the World, 1944 | | |
| Holograph biographical sketch for Les Prix Nobel 3pp, 1945 | | |
| British Who's Who, 1945 | | |

Passport application. Social Security #089-26-4514, 1945

Biographical material sent to General Education Board, 1951

Biographical sketch

"Brief Biographical sketch of Herbert Spencer Gasser", 1935
October 7

Draft of press release on retirement as Director of RIMR, 1953
June 18

1 volume Experimental Neurology, supp. 1, 1964 an
autobiographical memoir with introduction by Joseph Hinsey,
M.D. who was nominated to receive the Peter Coin

Scope and Contents note

Includes bibliography. Bound.

correspondence with T.I.A.A.; Curtis, Belknap and Webb;
Equitable Life Insurance Society regarding beneficiaries, use of
Nobel Prize money for neurophysiological research and start of
retirement benefits, 1943-1953

Bibliography 11 pages

Appointments and Awards, 1936-1949

box 1

folder 2

Scope and Contents note

Correspondence Alphabetical.

Académie Royale de Médecine de Belgique. Dec. 1947 admitted
as Honorary Foreign Member, 1947 December

American Academy of Arts and Sciences. 1948 May 18
acknowledgement of election as Fellow, 1948 May 18

American Association for the Advancement of Science. 1949
Aug. 29 request that HSG serve on Honorary Reception
Committee, 1949 August 29

American Neurological Association. 1956 elected Honorary
Member, 1956

American Philosophical Society. 1937 April 23-10 June 1943
Election as member and election as Councilor, 1937 April
23-1943 June 10

American society of Electroencephalography. 1947 Made an
Honorary Member, 1947

Asociación Médica Argentina. 1942 October-June 30, 1943
Honorary Membership, 1942 October-1943 June 30

Association for Research in Nervous and Mental Disease. 1941
January 15 Membership, 1941 January 15

Association of American Physicians. 1937 May 12 Elected to membership, 1937 May 12

Atomic Energy Commission. 1947 signed David E. Lilienthal, 1947

Child Neurology Research Council. 1936 September-December. To serve on Advisory Committee, 1936 September-December

Columbia University. 1945 Sc. D. Honorary, 1945

Harvard College. 1948-1949 Sc. D. Honorary. Appointed to Committee to visit Medical and Dental Schools, 1948-1949

Johns Hopkins University. 1947 Apr. LL. D. Honorary, 1947 April

Massachusetts General Hospital. Apr. 1947 Serve as member on Hospital's Scientific Advisory Committee, 1947 April

National Academy of Sciences. Chairman of section on Physiology and Biochem. Chairman John J. Carty Fund Committee [see RG 302. 2 (1)] Nominating Committee for Vice President and Council Members, 1942 April 28-1 February 1949 April 1945

Nobel Prize. October 1944-January 1945 Telegram, letter announcing award. 2 from HSG, 1944 October-1945 January

Oxford University. 1947 May Sc. D. honoris causa, 1947 May

Princeton University. 1944 Reelected to advisory Council Department of Biology; 3 yrs from July 1, 1944, 1944

Reale Accademia della scienze dell'Istituto di Bologna. June 1948. Corresponding Member, Class of Phys. Sci

Rockefeller Institute for Medical Research. 1944, 1949 Elected to Executive Committee of Board of Trustees, 1944 1949

Royal Society of Edinburgh. July-September 1943 Elected Honorary Fellow; diploma sent, 1943 July-September

Royal Swedish Academy of Sciences. March 1946 K. Vetenskapsakademiens matriculated among Foreign Members. Diploma, 1946 March

Sociedad Argentina de Biología. April 1936 Elected corresponding member. Letter signed A. Houssay, 1936 April

Société de Biologie, Paris, 1954

Society for Experimental Biology and Medicine. 1936 April 16 elected member of the Council, 1936 April 16

Suomalainen Tiedekatemia (Finnish Academy of Sciences). May-July 1947 Elected Foreign Member-Diploma, 1947 May-July

Université catholique de Louvain. 1949 Honorary Doctor of Medicine, 1949

folder 1

| | | |
|---|-------|----------|
| Université de Paris. Jan. 1954 Souvenir photographs of degree of "Honorifique Docteur", 1954 January | | |
| Université Libre de Bruxelles. 1949 Docteur Honoris Causa Faculté de Médecine et de Pharmacie, 1949 | | |
| University of Pennsylvania. 1936 Sc. D. honorary, 1936 | | |
| University of Rochester. February-June 1940 Sc. D. honorary Wallace and Clara Fenn as hosts, 1940 February-June | | |
| Washington University, St. Louis. April-May 1940 LL. D. honorary, 1940 April-May | | |
| Wisconsin University. clipping July 1941 Sc. D. honorary, 1941 July | | |
| Letters of congratulation, 1935-1945 | box 1 | folder 3 |

Arrangement note

Arranged in chronological order.

Letters from colleagues

Scope and Contents note

Includes congratulations on occasions such as becoming Director of RIMR, or on the receipt of honorary degrees, or letters of sympathy received at the death of Dr. Stockard, or thank you letters for congratulations sent to others, or for reprints and from Trustees for the 1939 Review prepared for JD Rockefeller, Jr. [see RG 489 v. 28, 1940. Typescript signed; typescript carbon copies; some holographs.

| | | |
|---|-------|----------|
| Nobel Prize Award | box 1 | folder 4 |
| Anniversary Dinner 1941, Program; 1942 Addresses and announcement of motion picture "The Spirit of Nobel" mimeographed sheet with 1941, 1942, 1943 programs | | |
| Copy of cablegram announcing Gasser/ Erlanger Award, 1944 October 27 | | |
| Science Service, 7 items for newspapers, 1944 October 28-30 | | |
| Memo of phone call from Hjordis Swenson on arrangements, 1944 November 1 | | |
| Swenson to HSG: thank you, 1944 November 1 | | |
| Nabeth Hedin to HSG Am/Swedish News Exchange, 1944 November 14 | | |
| Invitation to AM. /Scand. luncheon, 1944 November | | |
| Swenson to HSG Nobel Committee arrangements and Memorandum to Nobel Prize winners, 1944 November 27 | | |

Henry G. Leach to HSG instructions for meeting, time schedule, broadcast, 1944 December 2

HSG to Swenson, copy of dinner address with covering letter and Invitation Am/Scand Found, to participate in luncheon for Nobel winners 1944 Dec. 10, 1944 December 5

HSG to Henry G. Leach with broadcast address, 1944 December 7

HSG to John Watkins with speech changes, 1944 December 8

Seating list for presentation luncheon, 1944 December 10

Copy of HSG remarks at luncheon, 1944 December 10

Typed copy of tentative dinner program, 1944 December 10

Forum: "Education for Peace" remarks by HSG at dinner, 1944 December 10

thank you from HSG to N. Hedin for The Nobel Prizes by F. Henriksson, 1944 December 14

Swenson to HSG permission to publish "Education for Peace", 1944 December 15

N. Hedin to HSG no available publication on Nobel organization, 1944 December 15

Photographic print of Nobel citation to J. Erlanger, 1944?

Request to HSG for photo and biography for "Les Prix Nobel", 1945 May 22

H. Wistrand to HSG on arrangements; to forward "Les Prix Nobel" materials, 1945 June 28

HSG secretary to H. Wistrand acknowledging letter of 28th, 1945 June 30

HSG to H. Wistrand with 2pp. biography, 1945 July 13

speech given in Stockholm, 1945 December 10

Arne Holmberg to HSG letter and proof sheets of Nobel lecture "Mammalian Nerve Fibers", 1946 February 26

HSG to A. Holmberg returning proof sheets, 1946 March 6

H. Swenson to HSG. Invitation to Nobel dinner on Dec. 10, 1946 November 5

Swenson to HSG. Regret Gasser unable to attend Nov. 8 reception; includes program, 1946 November 21

HSG to Swenson. Regret unable to attend dinner, 1946 November 23

Nobel Prize congratulations

Scope and Contents note

Alphabetically arranged with notes on acknowledgement which emphasize HSG's pleasure that Nobel Prize recognizes pure and basic research in the stressful time of practical needs. Some items marked "ans. 1. h. [long hand?]" and no copy of reply is available. Listing below is incomplete.

| A-G | box 1 | folder 5 |
|-----------------------------------|-------|----------|
| Avery, O.T. holograph | | |
| Auer, John holograph | | |
| Bard, Philip holograph | | |
| Bergmann, Max holograph | | |
| Bronfenbrenner, Jacques holograph | | |
| Bowman, Isaiah | | |
| Cohn, Alfred E. | | |
| Cole, Rufus holograph | | |
| Compton, Arthur holograph | | |
| Cori, Carl holograph | | |
| Fenn, Wallace C. holograph | | |
| Francis, Thomas holograph | | |
| Fulton, John | | |
| Gerard, R.W. | | |
| Graham, Helen | | |
| Gray, George W. | | |

Scope and Contents note

From The Rockefeller Foundation including a draft of an article on Nobel winners and the aid they have received from the Foundation. Includes a reply by HSG stating the importance of Foundation aid.

| Grundfest, Harry | | |
|---------------------------------|-------|----------|
| H-M | box 1 | folder 6 |
| Hartline, Keffer holograph | | |
| Heidelberger, Michael holograph | | |
| Hill, A.V. | | |

Scope and Contents note

Includes request for opinion on Donald Sheehan.

Houssay, Bernardo A.

Scope and Contents note

Includes signatures of 4 others.

Jacobs, Walter A. holograph

Jasper, Herbert H.

Jewett, Frank B.

Johnson, Warren C.

Lauffer, Max A. holograph

Lehmann, Jürgen

Levene, Ann (Mrs. P.A.T.) holograph

Liddell, E.G.T.

Liljestrand, G.

Lloyd, David holograph

Loeb, Leo

Malloch, J.G. holograph

McLean, Franklin C.

Meek, Walter J. holograph

Minot, George R. holograph

Morgan, Isabel holograph

N-Z

box 1

folder 7

Nachmansohn, David

National Broadcasting Co.

Nelson, Erwin E. (Am. Soc. for Pharmacology and Exp. Ther)

Northrop, John H. holograph

Odoriz, J.B. holograph

Olitsky, Peter holograph

Olmstead, J.W. holograph

Oppenheimer, B.S. holograph

Osterhout, W.J.V. holograph

Ozario de Almeida, Miguel

Page, Irvine H.

Parker, G.H. holograph

Parran, Thomas

Pick, Ernst P.

Platt, J.D.

Prentis, H.W. Jr.

Queen, Frank B. holograph

Quick, Armand J.

Rappleye, Willard C.

Ravdin, I.S.

Rheinstein, Adele

Rheinstein, Alfred

Richards, Newton holograph

Rivers, Thomas M.

Robertson, Albert D. holograph

Robinson, G. Canby holograph

Rockefeller, John D. Jr.

Rockefeller, Nelson

Rothen, Alexandre holograph

Rous, Peyton holograph

Rowntree, L.G.

Ruebhausen, Oscar M.

Sabin, Albert holograph

Sarnoff, Michael

Sawyer, W.A.

Scharrer, Ernst and Berta holograph

Schlesinger, R. Walter

Schmidt, Carl F.

Scope and Contents note

Holograph — includes a wish to push the nomination of
A.N.R. Richards.

Schmitt, Francis O. telegram

Schreiber, George holograph

Sendroy, Julius, Jr.

Shaffer, Philip A. holograph

Shope, Richard E. holograph

Simpson, Lilly May

Skipper, Howard

Smillie, E.W.

Smith-Peterson, M.N. holograph, 2 notes

Snedeker, T.G.

Somoffi, Michael

Sormani. E.J.

Sperandeo, Elsie Carl holograph

Stadie, William C.

Starch, Daniel

Stanley, Wendell M. holograph

Stoll, Norman R. holograph

Strode, George K.

Stuck, Walter G.

Sulzberger, Marion B. holograph

Swift, Homer F. holograph

Taliferro, W.H.

Taussky, Hetha H.

TenBroeck. Carl holograph

Thomas, Charles C.

Thomas, Sadie R.

Tiselius, Arne

Trask, Lillia M.D. holograph

Van Slyke, Donald D. holograph

Wallace, H.B. For Washington University includes Resolution adopted by University

Weiss, Paul Alfred holograph

West, Ruth and Esau holograph

White, Philip and Caroline holograph

| | | |
|---|-------|----------|
| Wiggers, C.J. | | |
| Wilbur, Ray Lyman | | |
| Wildermuth, Ernest F.W. holograph | | |
| Wilson, Frank N. | | |
| Yerkes, Robert M. | | |
| Young, Hoylande D. holograph | | |
| Nobel nominations | box 1 | folder 8 |
| "Code of Statutes", 1943 1946 | | |
| nomination of Alfred Newton Richards, 1946-1947 | | |
| nomination of Oswald Avery, 1952-1953 | | |
| suggestion for award to Vincent du Vigneaud, 1955 | | |
| (3) from Nobelstiftelsen disavowing any connection with publication proposals of Stig Haglund, 1950 1956 | | |
| Clippings and articles about Nobel Prize | box 1 | folder 9 |
| Messages for Press Conference, 1944 October 27 | | |
| "Nerve activity research" by Herbert S. Gasser in Science News Letter 1944 November 11 p. 309 (3 cop), 1944 November | | |
| "U.S. Physiologists win Nobel Prize" in Life 1944 November 13 p. 115, 1944 | | |
| "Nobel Prize for Physiology and Medicine for 1944: Prof. J. Erlanger and Dr. H.S. Gasser" in Nature 1944 November 14, 1944 | | |
| "1944 Nobel Prize in Medicine to Dr. Erlanger" in The Alumni Bulletin (Washington University) 1944 November p. 4, 1944 | | |
| "Personalities in the News" Think 1944 p. 4, 1944 | | |
| "The Nobel Prize in Physiology and Medicine for 1944" Journal of Neurophysiology 6 (1944) p. 325-326, 1944 | | |
| "Medicine" Time 1944 Nov. 6 p. 88, 90, 1944 November | | |
| "Nobel Prizes" by Victor O. Freeburg in The American Swedish Monthly, 1944 December 14-15 1944 December 25 | | |
| "Six Nobel Winners Receive Prizes at Gala Ceremonies" by Victor O. Freeburg in The American Swedish Monthly 1945 Jan. p. 14, 22 (2 cop) | | |
| Newspaper clippings (photocopies) | | |
| Memorabilia | box 2 | |

| | | |
|--|-------|----------|
| Receipted bills 1942-1950 of expenses incurred for professional costs such as travel and contributions for memberships, 1942-1950 | box 2 | folder 1 |
| Photographs, 1935-1963 | box 2 | folder 2 |
| Scope and Contents note Includes a copy print of 1911 Medical History Seminar at the University of Wisconsin; some informal leisure time snapshots (place and year not identified) ; formal Bachrach photograph (many prints) ; 1959 informal laboratory snaps; 1959 Rockefeller Institute Commencement photographs; 1963 photo at the University of Wisconsin; 1953 honorary degree ceremonies at University of Paris; photo of portrait painted by Robert Oliver Shemp, undated. | | |
| Photographs from office (originally framed) | box 2 | folder 3 |
| Lord Adrian pencil drawing signed Initialed MG, 1948 May | | |
| Ragnar Granit, signed, undated | | |
| A.V. Hill 1936, signed and dated in pencil, 1936 | | |
| Print of "Tomb of David" Jones Wood, NY 1857 67th Street and East River | | |
| Photo of Gallego, 1956 | | |
| Scope and Contents note Includes two others not identified. Inscribed to Herbert Gasser, signed 1956. | | |
| Photo W.H. Howell, inscribed and signed, undated | | |
| Photocromo offset of B.A. Houssay Inscribed and signed, undated | | |
| Photo of Ali Monnier (University of Paris) Inscribed and signed, undated | | |
| Photo of C.R. Stoddard, unsigned undated | | |
| Printed translation: "Bequest of Pavlov to the academic youth of his country" Written just before his death at 87 years, 1936 February 27 | | |
| Photo of Walter J. Meek, signed, undated | | |
| Photo of H.H. Dale, attached signature, undated | | |
| Photo: group of honorary degree recipients at Harvard Commencement, 1948. All identified, 1948 | | |
| Photo of Joseph Erlanger, signed, 1937, 1937 | | |
| Portraits (3) not identified | | |

| | | |
|--|--------|----------|
| Framed drawing of a nerve. [Drawn by Ramon y Cajal] | box 2 | folder 4 |
| Appointments and honors record, 1936-1953 | box 2 | folder 4 |
| Record of Addresses, 1936-1950 | box 2 | folder 4 |
| Medals (packed and labeled individually) | box 2 | folder 4 |
| #1 13th International Physiological Congress 1929 Boston, 1929 | | |
| #2 Société Philomathique de Paris H.S. Gasser Membre correspondant | | |
| #3 20th International Physiological Congress 1956 Bruxelles (Congressus Universus Physiologiae vicesimus), 1956 | | |
| #4 International Physiological Congress 1923 Edinburgh, 1923 | | |
| #5 Conventus Physiologorum Internationalis 1923 Stockholm Duodecimae Holmiae, 1923 | | |
| #6 15th International Physiological Congress 1935 Moscow CCCP, 1935 | | |
| #7 Kober Medal. Awarded by the Association of American Physicians, for research in scientific medicine, 1954 | | |
| #8 Nobel Prize in physiology and medicine, 1944 | | |
| #9 Silver medal inscribed "Hommage Herbert Spencer Gasser" Université Libre de Bruxelles | | |
| Movie: 16mm B & W Reversal 117ft. Old, but good in metal case. Copy made for use. Appears to be of trip to Switzerland, but no date or information available. D.W. Bronk seems to be in film | box 2 | folder 4 |
| 2 bound volumes containing notes and drawings in anatomy, neurology, histology and physiology made by H.S. Gasser while in Medical School | box 3 | |
| Reprint listing | box 3 | |
| H.S. Gasser and Associates Record kept of number of copies on hand, 1911-1956 | | |
| List of reprints received, 1956-1961 | | |
| Scope and Contents note | | |
| Includes 1957 list of discards. | | |
| Certificate of Merit. Issued by the President of the U.S. for services in World War II, 1941-1945, 1948 | box 4B | |
| Sc. D. University of Wisconsin (certificate), 1941 | box 4 | |
| Nobel Prize Illuminated citation, 1944 | box 5A | |
| <u>Conditions Governing Access:</u> | | |

Conditions Governing Access

Material requires special handling.

| | |
|---|----------|
| Sc. D. Columbia University rolled diploma, 1945 | folder 2 |
| Sc. D. Harvard University diploma, in a box, 1948 | box 4C |
| Honorifique de Docteur Université de Paris, rolled certificate, 1953 | folder 2 |
| National Academy of Sciences, citation rolled, 1934 | folder 2 |
| American Philosophical Society, citation, 1937 | box 4B |
| Sociedad Argentina de biologia (Asociación Médica Argentina) Honorary diploma with letter, 1941 | box 4B |
| Asociación Médica Argentina Honorary diploma, 1942 | box 4B |
| Societas Regia Edinensis, diploma, 1943 | box 4B |
| Regalis Societatis Londini, diploma, 1946 | box 4B |
| Regia Academia Scientiarum Suecica, diploma Foreign Member, 1946 | box 4B |
| Suomalainen Tiedeakatemia, Helsinki, diploma, 1947 | box 4B |
| American Academy of Arts and Sciences, Fellow, citation, 1948 | box 4B |
| Hood, Université de Paris | box 4A |
| Hood, Université Libre Bruxelles | box 4A |
| Early diplomas of father, Herman Gasser Rolled together | box 5 |
| U.S. Patent for removing paint, 1881 | |
| Wisconsin State Board of Pharmacy, 1882 | |
| M.D. Northwestern University, 1883 | |
| Chicago Medical College. House Surgeon of Mercy Hospital, 1883 | folder 1 |
| Wisconsin Medical Society, 1895 | |
| State Normal School of Wisconsin, 1907 | folder 1 |
| B.A. University of Wisconsin, 1910 | folder 1 |
| M.A. University of Wisconsin, 1911 | folder 1 |
| M.D. Johns Hopkins University Medical School, 1915 | folder 1 |
| Phi Sigma Biological Society, 1927 | folder 1 |
| 2 slide rules | box 5 |
| Bulb from A3 Alconap Oven (section cutting service) [Used by Miss Gregg for 12 1/2 years; she claims that it may have been used for 40 years before that] | box 5 |

| | |
|--|--------|
| Ram's Head paperweight; signed with a cat | box 5 |
| T-square, initialed H.G. | box 5 |
| Box of addresses, used and maintained by H.S. Gasser | box 4A |
| Model constructed of nerve | box 5 |

Scope and Contents note

Used as illustration in JPG 38 (1955) 709-728. Reprint included from An. Ins. Farm. Esp. 5 (1956) 11-26.

| | |
|--|-----------|
| Sc. D. University of Pennsylvania, 1936 | folder 1 |
| Legum Doctoris, Washington University, St. Louis, 1940 | folder 1 |
| Sc. D. University of Rochester, 1940 | folder 1 |
| Doctor of Laws, Johns Hopkins University, 1947 | folder 1 |
| Docteur Honoris Causa Université Libre de Bruxelles, 1949 | folder 1 |
| Sc. D. The Rockefeller University, 1959 | folder 1 |
| American Neurological Association (Associate Member), 1935 | folder 1 |
| Regia Academia Scientiarum Suecica, diploma Foreign Member, 1946 | folder 2 |
| Sc. D. The Rockefeller University, 1959 | folder 2 |
| Scrap Book Laboratory photographs (prints), 1935-1945 | package 1 |

Scope and Contents note

Scattered negative numbers between #25977-35985 No indication of completeness or purpose in selection.

| | | |
|---|-----------|----------|
| Laboratory notes — photographs enlargements | package 2 | |
| Cat peroneal | package 2 | folder 1 |
| Vasties bunches in psoas level | package 2 | folder 2 |
| Cat: ventral root lower thoracic and lower lumbar | package 2 | folder 3 |
| Sural nerve — block 2, ser 2 | package 2 | folder 4 |
| Cat ventral root | package 2 | folder 5 |
| Cranial 5th | package 2 | folder 6 |
| Enlargements 12000 x by latex | package 2 | folder 7 |
| Sural, lobster nerve, saphenous cat | package 2 | folder 8 |

Collected Reprints of Herbert S. Gasser

Processing Information:

Processing Information

Removed to RAC library.

| | | |
|--|-------|----------|
| I 1912-25; II 1926-35; III 1936-60 each with Table of Contents and paged consecutively | | |
| Addresses, 1935-1938 | box 6 | folder 1 |
| Excerpts: Atheomastix by Bishop Martin Fotherby 2p, undated | | |
| Dedication of 1st Avenue Playground at 67th St. 1 page, 1935 October 14 | | |
| Staff meeting: "Irritability of mammalian nerve in relation to activity" announcement and holograph outline, 1935 November 8 | | |
| Address at Princeton: "Types of nerve fibers mediating sensory messages", 1936 January 27 | | |
| American Physiological Society, Washington, DC, 1936 March 25-28 | | |
| Scope and Contents note "Potentials in mammalian fibers" typescript, incomplete, 2 copies of p. 1 "read by title" Grundfest and Gasser "Irritability of mammalian nerve after excitation. " Typescript 2 pp. | | |
| University of Pennsylvania, Eldridge Reeves Johnson Foundation Lectures: "Electrical signs of nervous activity" by Joseph Erlanger 4/1, 4/2, 4/3 and Herbert Gasser at conferring of honorary degree. Typescript of Introduction, 1936 March 31 1936 April 6-7 | | |
| Scope and Contents note Includes program. | | |
| American Neurological Association. Discussion of R.W. Gerard's "Factors influencing brain potentials", 1936 June | | |
| New York Neurological Society. Discussion of papers on the human electroencephalogram in health and in certain mental disorders..., 1936 December 2 | | |
| No title; no further information. Starts... "The neuron doctrine is an application of the cellular doctrine... ", 1937 | | |
| Sigma Xi, University of Rochester "Science and Ourselves", 1937 February 22 | | |
| Impressions from the experiment of 3 April 1937, 1937 April 3 | | |
| American Physiological Society, Memphis. "Response of nerve to two trains of rhythmic stimuli", 1937 April 21 | | |

| | | |
|---|-------|----------|
| Yale Medical Society, New Haven. "Nerve fibers", 1937 May 12 | | |
| American Neurological Association, Atlantic City: Symposium on Electrical Studies of Fundamental Nervous Processes. A. "In Peripheral Nerve", 1937 June 3 | | |
| "Potential distribution in the saphenous and peroneal nerves of the cat" Outline of Film I and II no additional information, 1937 November 26 | | |
| University of Wisconsin Medical School. History of Electrophysiology. In celebration of William Snow Miller 80th birthday, 1938 March 8 | | |
| RIMR in honor of Dr. Rufus Cole retirement, 1938 April 30 | | |
| Addresses, 1939-1941 | box 6 | folder 2 |
| Association of Research in Nervous and Mental Diseases. Discussion of work by Dr. Hallowell and Pauline A. Davis, 1939 February | | |
| Remarks on "Present-day trends in Neuro-Psych Research" by S.B. Wort?, 1939 March 17 | | |
| Address at Memorial Service in honor of Dr. Charles R. Stockard at Cornell University Medical College, 1939 April 11 | | |
| Scope and Contents note | | |
| Typescript carbon copy 3 pp; notebook size pages (10) ; includes holograph draft. | | |
| American Physiological Society, Toronto. Synapse Symposium "Axons as samples of Nervous Tissue". Published in Journal of Neurophysiology 1939, 2, 361, 1939 April 29 | | |
| "Dr. Charles Ruppert Stockard, 1879-1939" 6 pp. duplicated from Minutes of RIMR Board of Scientific Directors, 1939 June 10 | | |
| Resolutions on Retirement of: Alexis Carrel; Karl Landsteiner; P.A.T. Levine; and W.J.V. Osterhout. From Minutes of Board of Scientific Directors, 1939 June 10 | | |
| University of Minnesota Medical School. 50th anniversary. "Methods of analysis of nervous action". Published in Chemistry and Medicine edited by Maurice B. Visscher, 1939 October 13 | | |
| Untitled [appears to be on irritability], 1939 October | | |
| "Dorsal root reflexes" Delivered at the 25th reunion of Class of 1915 of The Johns Hopkins Medical School, 1940 February 24 | | |
| "Comic corticology (Mine or the Cat's) no information as to where or when used. Handwritten in pencil 5 pp. also 5 typed pages with penciled note, 1940 June | | |
| "Scientists are persons", 1940 June | | |

| | | |
|---|-------|----------|
| Remarks at funeral service for P.A.T. Levene, 1940 September 9 | | |
| "Referred pain" (on reading Lewis) [no further information], 1940 November | | |
| "The passage of neural impulses through the dorsal roots of the spinal cord" Staff Conference at RI, 1940 November 29 | | |
| Introduction of Rebecca Lancefield as Harvey lecturer, 1941 June 15 | | |
| Remarks at dinner to honor Dr. Eugene Dubois, 1941 October 9 | | |
| Addresses, 1942-1954 | box 6 | folder 3 |
| "Pain-producing impulses in peripheral nerves" Association for Research in Nervous and Mental Disease. At Waldorf Astoria. Spoken version, 1942 December 18 | | |
| American Neurological Assoc. Discussion of papers by Paul Weiss "New methods of nerve splicing and nerve grafting, " John Z. Young "The process of regeneration of nerve and muscle after immediate and delayed suture", 1942? | | |
| Press release at death of Leslie Tillotson Webster, 1943 July 12 | | |
| 70th birthday celebration for Joseph Erlanger. Delivered in St. Louis, 1944 January 5 | | |
| Memorial Minute: Leslie Tillotson Webster, 1894-1943, 1944 January 14 | | |
| Address written at time of anti-vivisection bill introduced in New York State Legislature but "never delivered", 1944 | | |
| Scope and Contents note | | |
| Includes note from T.M. Rivers and comments by Peyton Rous, [see Carlson, A.J. correspondence]. | | |
| Minute: Walter Bradford Cannon, 1871-1945 4pp, 1946 January 18 | | |
| "Protocol for a review of psychiatry" read at dedication of Scientific Research Laboratory at McLean Hospital. Typescript (original and carbon copy) 13 pp. Also galley proof from Psychiatric Research, Harvard University monograph in medicine and public health, 9, 1946 May 17 | | |
| "Emil du Bois-Raymond (1818-1896)" typescript 5pp. also typescript carbon copy with penciled changes indicated by editors. Proof returned to Dr. Webb Haymaker, Armed Forces Institute of Pathology, Washington, DC by whom article originally requested, 1949 | | |
| Address at death of Leornor Michaelis, 1949 October? | | |
| At Dedication of new Biophysics Laboratory at The Johns Hopkins University, 1950 October 17 | | |

| | | |
|--|-------|----------|
| For Corporation meeting, The Rockefeller Institute, at the retirement of John D. Rockefeller, Jr. as President of the Board of Trustees, 1950 October 27 | | |
| "James Bumgardner Murphy, 1884-1950" Minutes of Board of Scientific Directors, 1951 January 20 | | |
| Madison Presentation. Conduction in unmedullated fibers of dorsal roots, 1954 September | | |
| Lectures, addresses (undated and unidentified) | box 6 | folder 4 |
| The beginning of nerve oscillography by Erlanger and Gasser | | |
| Biographical sketch of Joseph Erlanger | | |
| French lecture | | |
| The properties of unmedullated nerve fibers with afferent function also called Jackson lecture [Hughlings Jackson] | | |
| Unmyelinated nerve fibers with afferent function, undated | | |
| Discussion following paper by Dr. B. Frankenhaeuser on Friday June 6 | | |
| Notes on size-vol mss | | |
| "Unmedullated nerve fibers" short version of published paper 1954/55, used for "St. Louis Cajal centennial NAS" | | |
| Notes, 1958 June 26 | | |
| [drC unmedullated] | | |
| "Cornell Address" | | |
| "Caracas program abstract" | | |
| [Unmedullated fibers of dorsal root origin] Possibly 1958 address at University of Hong Kong. See correspondence with David Barker | | |
| Annual reports Rockefeller Institute for Medical Research From the Gasser laboratory after retiring as Director of the Institute | box 6 | folder 5 |
| Staff Conference, 1953 | | |
| Two parts (scientific and general), 1953-1954 | | |
| Two parts (scientific and general), 1954-1955 | | |
| 1955-1956 | | |
| 1956-1957 | | |
| 1958-1959 1957-1958 (lackin) | | |
| 1959-1960 | | |
| Description for Catalog, 1959-1960 | | |

| | | |
|--|-------|-----------|
| Sir Henry Dale Penciled notes 16 pp. article appeared in British Medical Journal (1) 1955 1359-1361 | box 6 | folder 6 |
| "Olfactory nerve fibers" 44 pp 2nd carbon copy; figures and galley proof Journal General Physiology (39) 1956 473-496, 1956 | | |
| Published manuscripts | box 6 | folder 8 |
| "Unmedullated nerve fibers" Trab. Inst. Cajal Invest. Biol. 1954/55 (45) 1-8, 1954-1955 | | |
| Acceptance of Kober Medal for 1954" Trans. Assoc. American Physicians (67) 1954 44-46 corrected, 1954 | | |
| "Chairman's Introductory Remarks" Muscular Dystrophy Association of America. Proceedings, 3rd Medical Conference, 1954, NY 143-144 also American Journal of Physical Medicine 35 (1955) 4pp typescript, editor's copy. [Does not appear in bibliography] | | |
| "Conduction in unmedullated fibers in dorsal roots" American Journal of Physiology, abstract 1954 (179) 637, 1954 | | |
| "Alan Gregg, 1890-1957" Yearbook of the American Philosophical Society, 1957 126-129 7 pp. corrected manuscript | | |
| "Fibras nerviosus amielinicas con funcion aferents" An. Ins. Farm. Esp. 5 (1956) 11-26 | | |
| "Comparison of the structure, as revealed with the electron microscope, and the physiology of the unmedullated fibers in the skin nerves and in the olfactory nerves. Exp. Cell Research 5 (1958) 3-17 | | |
| Published manuscripts | | |
| "Effect of the method of leading on the recording of a fiber spectrum" Journal General Physiology 43 (1960) 927-940 | box 6 | folder 9 |
| Penciled notes for a publication which appears to be on the properties of mammalian nerve fibers | box 6 | folder 10 |
| Penciled notes for a publication which appears to be on dorsal root ganglia which includes graphs and drawings | box 6 | folder 11 |
| Laboratory notebooks: 11 notebooks of various groups of measurements from 1939 to 1960, 1939-1960 | box 7 | |
| 1-3-39 Saph I Cat I | | |
| 1939 Saph nerve #4 Rabbit #3, 1939 | | |
| 5-16-38 Saph Nerve Cat fiber counts #4 | | |
| 5-1948 Distribution of fibers by sizes, 1948 | | |
| 4-1952 Analysis of sural electron microscope, 1952 | | |
| 2/52-6/56 Measurements olfactory Schwann sheaths | | |

5-1960 Bundles ventral root, lower lumbar, lower thoracic, 1960

Scope and Contents note

Includes data from 1939.

1960 Internodes and fiber sizes; also Hunt McIntyre data, 1960

1960 Electron microscope notebook; starts with Dec. 1929 histology, 1960

11/54-2/60 Electronmicroscope Photos Record 2 books

Laboratory notebooks: 9 notebooks of records procedures, explanations and analyses box 8

1938 September-1940 January

1939 February-1947 February

1947 February-1950 January

1948 May-1954 April

1950 January-1955 June

1955 June-1956 September

1956 September-1957 October

1957 October-1959 June

Oscillograph Records, 1959 July-1961 March

Laboratory procedures on cards (in envelope)

Equipment information

Laboratory charges, 1952-1959 box 9

Arrangement note

Arranged by academic (fiscal) year.

Laboratory charges, 1959-1961 box 10

Arrangement note

Arranged by academic (fiscal) year.

Microfilm strips of sections or rhythms, 1937-1952 box 11

Scope and Contents note

Individually packed in roll boxes, labeled and dated and arranged chronologically by year 2 (1937) ; 1 (1938) ; 1 (1939) ; 7 (1945) 1 (1949) ; 9 (1951) ; 22 (1952).

Microfilm strips of sections or rhythms 12 (1953) ; 37 (1954), 1953-1954 box 12

| | |
|---|--------|
| Microfilm strips of sections or rhythms 27 (1955) ; 22 (1956), 1955-1956 | box 13 |
| Microfilm strips of sections or rhythms 16 (1957) ; 11 (1958) ; 9 (1959) ; 4 (1960) ; 1 (1961), 1957-1961 | box 14 |
| Laboratory notes — photographs | box 15 |

Scope and Contents note

This group of photographs of experimental work has been arranged chronologically by the number of the negative.

21 in a folder are unnumbered #1060-#9768 incomplete.

Laboratory notes — photographs

Arrangement note

Figures used in publications are arranged by publication.

| | | |
|--|--------|----------|
| vol. 127 Am. Journal of Physiology pp. 393-414, 1939 | box 16 | folder 1 |
| vol. 33 Journal of General Physiology pp. 651-690, 1950 | box 16 | folder 2 |
| vol. 38. Journal of General Physiology pp. 705-728, 1955 | box 16 | folder 3 |
| vol. 39 Journal of General Physiology pp. 473-496, 1956 | box 16 | folder 4 |
| suppl. 5 Experimental Cell Research pp. 3-17, 1958 | box 16 | folder 5 |
| vol. 41 Journal of General Physiology pp. 613-632, 1958 | box 16 | folder 6 |
| vol. 43 Journal of General Physiology pp. 927-940, 1960 | box 16 | folder 7 |
| Laboratory notes, drawings, calculations, photos | box 17 | |
| undated | box 17 | folder 1 |
| 1938-1939 | box 17 | folder 2 |
| 1948 | box 17 | folder 3 |
| 1949 | box 17 | folder 4 |
| 1952 | box 17 | folder 5 |
| Calculations for Fig. 18 | box 17 | folder 6 |
| Photographs of 0.258 u particles | box 17 | folder 7 |
| Photographs of fascicules ca 400 | box 17 | folder 8 |
| Photos and calculations | box 17 | folder 9 |
| Cat saphenous, 1953 | | |
| cat saphenous tetanus, 1955 | | |
| Cat dorsal root, 1945 | | |
| Mammalian recovery curves, 1957 | | |

| | | |
|---|--------|-----------|
| Diphasic saphenous, 1957 | | |
| varied stimulus effects, 1954 | | |
| Notes, drawings and graphs, 1948 1952 1954 | box 17 | folder 10 |
| Saphenous II, 1956 | box 17 | folder 11 |
| 4 envelopes including | box 17 | folder 12 |
| 5th nerve | | |
| Phrenic | | |
| Mammalian recovery curve spectra, 1956-1958 | | |
| Cartoon drawing Fig. 1 and Fig. 21 | box 17 | folder 13 |

Scope and Contents note

Relating to Lorente de No but no further information.

| | | |
|---|--------|-----------|
| Laboratory notes - photographs | | |
| Dorsal roo, cat, frog, C fibers, 1945 | box 18 | folder 1 |
| Frog nerve, 1945 1949 | box 18 | folder 2 |
| Cat Saphenous Delta and R includes 1938 notes, 1948-1949 | box 18 | folder 3 |
| Dog, monkey, cat saphenous, 1947-1950 | box 18 | folder 4 |
| Sural, 1948-1949 1957-1958 | box 18 | folder 5 |
| Cat skin, 1952 1953-1957 | box 18 | folder 6 |
| Pike, pig, cat olfactory, 1953-1955 | box 18 | folder 7 |
| Cat cranial cdr V, 1955 November 30 | box 18 | folder 8 |
| Bull frog splanchnic; cat saphenous and hypogastric, 1955 | box 18 | folder 9 |
| Pipiens; heat in xylocaine, 1959 January 30 | box 18 | folder 10 |

Laboratory notes — photographs

Scope and Contents note

Mostly mounted and with individual, descriptions.

Arrangement note

Arranged in subject groupings.

| | | |
|--|--------|----------|
| Cat saphenous, 1944-1945 1947 | box 19 | folder 1 |
| Cat saphenous, 1948 | box 19 | folder 2 |
| Cat saphenous, 1949 | box 19 | folder 3 |
| Cat saphenous action potential 1954-59 of 1948 | box 19 | folder 4 |

| | | |
|---|---------|----------|
| Cat saphenous, 1958-1959 | box 19 | folder 5 |
| Prints of conduction, 1957-1958 | box 19 | folder 6 |
| Saphenous tangent integrals, 1958 | box 19 | folder 7 |
| Saphenous, sural. Block approach | box 19 | folder 8 |
| Laboratory photographs; prints of microphotos: Groups of pictures taken during experimental procedures. Each picture individually labeled | | |
| Ag stain analyzed 1948 saphenous fascic. I field 1-2 2, 1948 | box 20 | folder 1 |
| Ag stain analyzed: Ranson nerve; May 10 fascic. II | box 20 | folder 2 |
| Comparative fixation and embedding | box 20A | folder 3 |
| 1950 January 30 1951 December 29 1951 December 31 | | |
| Altmann 1st block; Block 2, 1952 January 9 1952 January 23 1952 January 30 | | |
| Krebs formalin; Krebs osmium meth A; Colloidin paraffin; celpar, 1952 February 6 | | |
| Kos 5% CH# and 20% CH#, 1952 March 26 | | |
| R.I. II; Saphenous C Schmitt; silver stain, 1951 | box 20A | folder 4 |
| Normal cat saphenous 4; formalin; osmic vapor, 1951 | box 20A | folder 5 |
| 2/1; 2/15; 3/23 3C saphenous to end point controls 1-23; 24-28, 1951 | box 20B | folder 6 |
| Saphenous 2pp not spread at 45° os vapor; unbuffered osmic, 1951 November | box 20B | folder 7 |
| C fiber Palade nearness to bifurcation, 1951-1954 | box 20B | folder 8 |
| Comparison size. Paraffin and plastic. Kos sural. Cross section of dorsal root node, 1952 February-April | box 20B | folder 9 |
| Laboratory photographs; prints of microphotos | box 21 | |
| Degenerative saphenous, 1951 May | box 21 | folder 1 |
| Hypogastric; controls and ganglia, 1951 May-June | box 21 | folder 2 |
| Splenic, 1951 May | box 21 | folder 3 |
| Hypogastric, 1952 October | box 21 | folder 4 |
| Dorsal root Kos extra prints, 1952 | box 21 | folder 5 |
| C fiber sural Kos extra prints, 1952 April | box 21 | folder 6 |
| I.R.T. Sural Kos 39° II and IIa control, 1952 April | box 21 | folder 7 |
| Medullated long sections Ia Saphenous various magnifications, 1952 March | box 21A | folder 8 |

| | | |
|---|---------|-----------|
| Dorsal root Kos 20% CH#; b.p. overnight 3 cross sections of nodes, of small fibers "not very good", 1952 February | box 21A | folder 9 |
| Dorsal root close to cord; 6-7mm. from cord; in and near ganglia opp. cells; 2 middle long, 1952 June-October | box 21A | folder 10 |
| Oct. Lissauer sections cord traverse | box 21A | folder 11 |
| Hunt ganglion sections arranged at levels beginning at the root and all levels contained ganglion cells except 7-1. 7-1 extremely close to ganglion | box 21A | folder 12 |
| Laboratory photographs; prints of microphotos | box 22 | |
| Dorsal root ganglia 1 and 2, 1952 December | box 22 | folder 1 |
| Dorsal root ganlia 3, 1952 December | box 22 | folder 2 |
| auto. horn Kos, 1953 January | box 22 | folder 3 |
| Miscellaneous and chick sciatic M.A. Jakers; Betty Geren, 1953 | box 22 | folder 4 |
| Pig olfactory mucosa m. P6, P8, 1953 April | box 22 | folder 5 |
| Pig olfactory epithelium, 1953 December | box 22 | folder 6 |
| Medullated Cat accessory saph. Kos 6 hours, 1953 December | box 22 | folder 7 |
| Pig olfactory Pig8-l; Pig 3 Film 2dissected nerve; olfactory membrane Kos, 1953 April | box 22 | folder 8 |
| Olfactory lobe Pig 7 Kos; 10 day mouse Golgi olfactory glom, undated | box 22 | folder 9 |
| Pig olfactory nerve P81L level 1-4, undated | box 22A | folder 10 |
| Pig olfactory fibers. Differentiation of levels P81 a series 1-4; 1 lowest down; 4 closest to [see note book], 1953 April | box 22A | folder 11 |
| Pig olfactory nerve, 1953 April | box 22A | folder 12 |
| P81 a levels 1-4 | | |
| P81 b level 1,2,3, Kos | | |
| P81 L level 4 | | |
| Cat olfactory lobe PP block 1, 1953 May | box 22A | folder 13 |
| Cat olfactory lobe; some dendrites fiber layers; mitral cell; glomerulus; outer flexiform, 1953 July | box 22A | folder 14 |
| Rabbit Jacobson Kos, 1954 October | box 22A | folder 15 |
| Cat Jacobson Kos, 1954 July | box 22A | folder 15 |
| Rabbit olfactory Kos, 1954 November | box 22A | folder 16 |
| Rabbit spheno palatine Kos | box 22A | folder 16 |
| Laboratory photographs; prints of microphotos | | |
| Pig olfactory epithelium, 1954 January 1 | | |

| | | |
|---|---------|----------|
| | box 23 | folder 1 |
| Pig olfactory epithelium, 1954 January 2 | box 23 | folder 2 |
| C sheath series, 1954 | box 23 | folder 3 |
| Lobster nerve | box 23 | folder 4 |
| Cat olfactory Palade set B; cat olfactory Kos; Kos collodium, 1954 February | box 23 | folder 5 |
| March Pig olfactory membrane nose on Formvar coating, 1954 | box 23 | folder 5 |
| Bee antenna, 1953 | box 23 | folder 6 |
| long distal antenna, 1954 | box 23 | folder 6 |
| Bee olfactory near head ganglia; stalk near head, 1955 | box 23 | folder 6 |
| Frog sciatic C fibers, 1955 | box 23A | folder 7 |
| Bull frog drc skin nerve | box 23A | folder 7 |
| Rat nasal mucosa Palade #684, 1954 May 1955 June | box 23A | folder 8 |
| Cat olfactory mucous membrane Palade #648, #653, 1954 May 1955 June | box 23A | folder 9 |
| Laboratory photographs; prints of microphotos | | |
| Medullated; high magnification C pictures saphenous block of sheath series, undated | box 24 | folder 1 |
| Medullated longitudinal saphenous C Schwann, 1954 November-December | box 24 | folder 2 |
| Pike olfactory peripheral end and near mucosa, 1954 June 2 | box 24 | folder 3 |
| Pike olfactory nerves 3-4 mm from epithelium, 1954 June 18 | box 24 | folder 4 |
| Pickeral olfactory fibers II A, 1954-1955 | box 24A | folder 5 |
| Assorted extra prints olfactory | box 24A | folder 6 |
| Assorted extra prints olfactory | box 24A | folder 7 |
| Laboratory photographs; prints of microphotos | | |
| Nasal mucosa pH 7.8 cat Palade, 1955 January | box 25 | folder 1 |
| Cat olfactory pH 7.8 #620, 1955 January | box 25 | folder 2 |
| Pig olfactory Kos cross section, 1955 February | box 25 | folder 2 |
| Prints of sections from which the areas of the Schwann sheath of the olfactory nerve was measured, 1955 January | box 25 | folder 3 |
| Pig Kos section number bipolar cells/unit area | box 25 | folder 3 |
| Palade pH series on saphenous | box 25 | folder 4 |
| 325 1% OsO ₄ in 21M sucrose pH = 4.70 | | |

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|---|--------|----------|
| 324 1% OsO# in H#O [IJ (unbuffered hypotonic 0.039M. OsO#) | | |
| 317 1% OsO# isotonic (pH+7.2 sucrose) buffered | | |
| 262 1% OsO# isotonic (sucrose) unbuffered pH6.30 | | |
| 261 1% OsO# buffered pH+7.35 | | |
| Palade pH series of sural cat | box 25 | folder 5 |
| 332 1% OsO# buffered pH 7.30 | | |
| 331 1% OsO# buffered pH 6.30 | | |
| 330 1% OsO# buffered pH 5.30 | | |
| Lamellated sheaths. Cat sural longitudinal Kos 21 hours. Rat cross section Kos, cut at 8 clicks, 1956 May 3 | box 25 | folder 6 |
| Rabbit cervical sympathetic, 1956 November | box 25 | folder 7 |
| University of London. Department of Anatomy (Robertson, operator), 1957 | box 25 | folder 8 |
| University of London. Department of Anatomy (Robertson, operator) Schmidt-Lanterman cleft, undated | box 25 | folder 9 |
| Microphotographs arranged in various groups. Some slides of varying sizes; some strips; arranged as much as possible by dates and description | box 26 | |
| nerve #3: no. 1-3: nerve #4: no. 4-11 (6 lacking), 1946-1947 | box 26 | folder 1 |
| 8 c fibers, cat 1a, b, 2, 3a, 3b, 4a, 4b, 10 4 nerve #1 7, 2 (10), 12, 1948 | box 26 | folder 2 |
| box 3 rat saphenous. 7 phase microphotographs Cat fibers, undated | box 26 | folder 3 |
| microphoto prints (each labeled), 1951 | box 26 | folder 4 |
| strips, 1951 | box 26 | folder 5 |
| Latex ref | | |
| Nerve 3-C 1-28 | | |
| 6 strips longitudinal hypogastric | | |
| 1 strip splenic | | |
| 9 strips saphenous | | |
| strips, 1955 | box 26 | folder 6 |
| 2 cat nerve frontal, vertical root | | |
| 3 cat V cross section | | |
| 2 rat block # 1 | | |
| 1 Rabbit cervical symp | | |

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|--|--------|-----------|
| 1 unlabeled | | |
| series 1 and 2 nos. 1-10 single shots, 1959 | box 26 | folder 7 |
| 1 undated | | |
| 8 pieces, 1960 | box 26 | folder 8 |
| Calibration | | |
| Fiber 1-6 | | |
| Nerve bunches to vastric (level within psoas) | | |
| Cat peroneal (3 and calibration), 1961 | box 26 | folder 9 |
| Spencer (5 described on each), undated | box 26 | folder 10 |
| (3 cat lower thoracic ventral root), 1959 | box 26 | folder 11 |
| Glass microphotographs, 5 × 7, individually labeled | box 27 | |
| Omic-latex x 2375 1-19 (some missing), undated | | |
| 1-2, 4-6, undated | | |
| glyptal B size control, undated | | |
| glyptal B3 1, 13-19 | | |
| glyptal B3 2, 6-12 | | |
| glyptal B3 4, 20-22 size control fasc. II and 1st nerve fasc. 1, undated | | |
| 120-7, 2a-25, undated | | |
| Glass microphotographs, 5 × 7, individually labeled | box 28 | |
| 36056, 1944 | | |
| 120, 121, 170, 1948 | | |
| 170-7 C-P, 1948 | | |
| 171,179,455,456,459, 1948 | | |
| 545 (1,23,5-15, 18-21,23-39 Nerve Fasc. 1), 1948 May 10 | | |
| Glass microphotographs, 5 × 7, individually labeled | box 29 | |
| 47-76,78-80,82, undated | | |
| 1-2,4-8,10-14,16-26, undated | | |
| Glass microphotographs, 5 × 7, individually labeled | box 30 | |
| 27, 30-41-45, undated | | |
| 224-7, undated | | |
| 546, 585, 1948 | | |
| 713,798,1000, 1016-1017, 1949 | | |

2281,2292,2293,2294,2304, 1951

5439,5454,5455,5485, 1955

5 × 7" negatives

Scope and Contents note

Includes copies made of microphotos, photos of impulse movements, action currents, potentials, also composite diagrams, charts and illustrations used in publications.

Arrangement note

Arranged in chronological order and grouped by years.
Numbered consecutively by photographers.

| | | |
|--|--------|----------|
| 25805,25978, 1935 | box 31 | folder 1 |
| 25995-26002,26016-26017,26025-26026,26029-26030,26038, 26055,26063,26156,26277-26278,26299-26300,26317, 26334-26336, 26345-26348,26366-26367,26380-26381, 26384, 26478,26485-26492, 26497-26499, 26521-26522, 26532-26534, 26546, 26550, 26618, 26736, 26753-26764, 26770, 26875-26878, 26946, 27035-27036, 27112-27115, 27120-27121, 1936 | box 31 | folder 1 |
| 8 × 10 negatives 26944, 26945, 26947, 27037, 1936 | box 31 | folder 2 |
| 27205-27207, 27218, 27223, 27274-27275, 27391, 27304-27306, 27398, 27538, 27539, 27541, 27550-27551, 27557, 27560-27570, 27597, 27661, 27679, 27807, 27819-27821, 27835-27836, 28161-28162, 28300-28301, 28337-28338, 28341-28342, 1937 | box 31 | folder 3 |
| 8 × 10 27808, 30358, 1937-1939 | box 31 | folder 4 |
| 28565, 28678-28684, 28695, 29447-29448, 1938 | box 31 | folder 5 |
| 29888, 29907, 30324-30325, 30361-30365, 30703-30705, 30716, 30722-30732, 30755, 31043, 31088, 31177, 1939 | box 31 | folder 5 |
| Dr. Renshaw 31180-31181, 31552-31553 31764, 32175, 32321, 33212, 1939-1940 | box 31 | folder 6 |
| 31324-31326, 31331-31332, 31341, 31318, 31438-31440, 31445-31446, 31477, 31481-31482, 31491, 31554-31555, 31558, 31763, 31765, 31990, 31992, 32146-32149, 32174, 32292-32296, 32304, 32432-32435, 32437, 1940 | box 31 | folder 7 |
| 1941 32448, 32842-32845 33197-33203 (Dr. Renshaw) 33204-33210 (Dr. Renshaw) 33211, 33213-33218, 33289-33290, 33496 | box 31 | folder 8 |
| 33671, 33686-33687, 34236, 34581, 34591, 34593, 34600-34601, 34603, 34900, 1942 | box 31 | folder 9 |
| 34901-34902, 36190, 36193-36194, 1943 | box 31 | folder 9 |

| | | |
|---|--------|----------|
| 36475, 36498-36499, 36505-36506, 36526, 36572, 36573, 36597, 36614, 36616, 1945 | box 31 | folder 9 |
|---|--------|----------|

Negatives

Scope and Contents note

The following group of negatives includes with each negative the order information from Graphic Services which gives a description of the photographic technique used.

| | | |
|--|--------|-----------|
| 30, 201-202, 549 photos of "Queenie" (a dog) and a copy negative of a legend from a book illus, 1948 | box 31 | folder 10 |
|--|--------|-----------|

Scope and Contents note

Also includes illustrations from 1947 report to the Corporation.

| | | |
|--|--------|-----------|
| 1036, 1040-1042, 1060, 1204-1205, 1245, 1269, 1292 1298, 1322-1323, 1949 | box 31 | folder 10 |
|--|--------|-----------|

| | | |
|------------------------------------|--------|-----------|
| 1455, 1495, 1497, 1837, 1903, 1950 | box 31 | folder 11 |
|------------------------------------|--------|-----------|

Scope and Contents note

Includes Physiology scientific report.

| | | |
|------------|--------|-----------|
| 2994, 1951 | box 31 | folder 11 |
|------------|--------|-----------|

| | | |
|--|--------|-----------|
| 3434, 3472, 3491, 3527, 3658, 3671, 3690, 3707, 3826, 1952 | box 31 | folder 11 |
|--|--------|-----------|

5 x 7" negatives

Scope and Contents note

The following group of negatives includes with each negative the order information from Graphic Services which gives a description of the photographic technique used.

Includes copies made of microphotos, photos of impulse movements, action currents, potentials, also composite diagrams, charts and illustrations used in publications.

| | | |
|--|--------|----------|
| 3922, 2931, 3951, 4085, 4281, 4356, 4358, 4362, 1953 | box 32 | folder 1 |
|--|--------|----------|

| | | |
|--|--------|----------|
| 4922, 4925, 4928, 4940, 5120, 5132, 5144, 5223, 1954 | box 32 | folder 1 |
|--|--------|----------|

| | | |
|---|--------|----------|
| 5230, 5282-5283, 5377, 5395, 5402, 5417, 5438, 5573, 5699, 1955 | box 32 | folder 2 |
|---|--------|----------|

| | | |
|---|--------|----------|
| 5753, 5754, 5863-5866, 6005, 6024, 6029, 6044, 6616, 6625, 6629, 6695, 1956 | box 32 | folder 2 |
|---|--------|----------|

| | | |
|--|--------|----------|
| 6926, 7004, 7009, 7051, 7123, 7204, 7290, 7340, 7361, 7362, 7443, 7527, 7677, 1957 | box 32 | folder 3 |
|--|--------|----------|

| | | |
|----------------------------|--------|----------|
| 8842-8843, 9767-9768, 1959 | box 32 | folder 3 |
|----------------------------|--------|----------|

3 x 4" lantern slides

box 33

Scope and Contents note

Some prepared from electromicroscopic negatives; some prepared from charts used in various publications. Boxed in groups as follows:

4 28339, 30363, 30365, 34601, undated

1950-1951

1952-1953

1953

Untitled

1955 January-July

1955 September-December

1956

1957 January-April

1957 June-November

3 packages of engraving plates used in JOURNAL OF
GENERAL PHYSIOLOGY v. 43, no. 5 May 1960

Specimens, embedded (mainly in paraffin) ; some slides, in
separate envelopes, 1951-1960

Arrangement note

Arranged in consecutive numbering, by years Description of
the specimen on each envelope.

1951

box 34

16-67 (lacks 27, 33-35), 1951

box 34

68-181 (lacks 86-89), 1952

box 34

182-216, 1953

box 34

1954

box 34

1954

box 34

1954

box 34

1955

box 34

1956

box 35

1957

box 35

1958

box 35

1959

| | |
|---|-------------------|
| | box 35 |
| 1960 | box 35 |
| undated | box 35 |
| untitled | box 35 |
| Slides of microscopic sections in box | |
| E.M. Grids in capsules A1600x 1951-1955. Labeled on inside of box cover (also numbered #1) | box 36 - Series 6 |
| Guinea Pig slides, special stains, 2/16/1956 | box 37 |
| Scope and Contents note Each slide labeled (also numbered #2). | |
| Rabbit, cat, pig, frog slides 1954-1957. Each slide labeled and also inside of box cover (also numbered #3), 1954-1957 | box 38 |
| Gp #2 slides, 4/3/1956 | box 39 - Series 6 |
| Scope and Contents note Each slide labeled. These boxes form 1,2,3 of a group (also numbered #4,#5,#6). | |
| | box 40 - Series 6 |
| | box 41 - Series 6 |
| Cat spinal cord slides 1955. Slides of cat 5th, 1956 (also numbered #7), 1955 | box 42 |
| Assorted group of slides | box 43 |
| Scope and Contents note Colloidin preparations of 6-day mice. Pig mucous membrane, 1955. Cat cord, undated. | |
| Early slides (black box) : Dating and labeling not clear and subjects not clearly identified | box 44 |
| Copy prints of microfilm records, Box 11. Prints by Mr. Jim Williams, 1982 | box 45 |
| <u>Processing Information note:</u> Processing Information note Added to the collection May 1982. | |

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