



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

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This finding aid was produced using ArchivesSpace on November 14, 2018.

Rockefeller Archive Center

15 Dayton Avenue  
Sleepy Hollow 10591

[archive@rockarch.org](mailto:archive@rockarch.org)

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

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## Summary Information

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

<b>Biographical Note</b>	
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
<b>Served</b>	
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, Academie 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

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

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## Arrangement

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Primarily original order.

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## File Plan note

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Former Classification: I 302-6

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## Administrative Information

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### Publication Statement

Rockefeller Archive Center

15 Dayton Avenue

Sleepy Hollow 10591

[archive@rockarch.org](mailto: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**

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### **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		

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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

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

---

HSG to John Watkins with speech changes, 1944 December 8

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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?

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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

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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, Jörgen

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.

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### **Scope and Contents note**

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

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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
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Photographs, 1935-1963	box 2	folder 2
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### 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
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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		
<b>Scope and Contents note</b>		
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 4	
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	box 4
Sc. D. Harvard University diploma, in a box, 1948	box 4
Honorifique de Docteur Université de Paris, rolled certificate, 1953	box 4
National Academy of Sciences, citation rolled, 1934	box 4
American Philosophical Society, citation, 1937	box 4
Sociedad Argentina de biologia (Asociación Médica Argentina) Honorary diploma with letter, 1941	box 4
Asociación Médica Argentina Honorary diploma, 1942	box 4
Societas Regia Edinensis, diploma, 1943	box 4
Regalis Societatis Londini, diploma, 1946	box 4
Regia Academia Scientiarum Suecica, diploma Foreign Member, 1946	box 4
Suomalainen Tiedeakatemia, Helsinki, diploma, 1947	box 4
American Academy of Arts and Sciences, Fellow, citation, 1948	box 4
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
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		
<b>Scope and Contents note</b>		
<p>"Potentials in mammalian fibers" typescript, incomplete, 2 copies of p. 1 "read by title" Grundfest and Gasser</p> <p>"Irritability of mammalian nerve after excitation. "</p> <p>Typescript 2 pp.</p>		
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		
<b>Scope and Contents note</b>		
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		
<b>Scope and Contents note</b>		
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 nerviosas 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
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## Arrangement note

Arranged by academic (fiscal) year.

Microfilm strips of sections or rhythms, 1937-1952	box 11
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## 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
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Laboratory notes — photographs	box 15
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### 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
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### Arrangement note

Figures used in publications are arranged by publication.

vol. 127 Am. Journal of Physiology pp. 393-414, 1939	box 16	folder 1
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vol. 33 Journal of General Physiology pp. 651-690, 1950	box 16	folder 2
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vol. 38. Journal of General Physiology pp. 705-728, 1955	box 16	folder 3
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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
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Laboratory notes, drawings, calculations, photos	box 17
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undated	box 17	folder 1
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1938-1939	box 17	folder 2
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1948	box 17	folder 3
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1949	box 17	folder 4
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1952	box 17	folder 5
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Calculations for Fig. 18	box 17	folder 6
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Photographs of 0.258 u particles	box 17	folder 7
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Photographs of fascicules ca 400	box 17	folder 8
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Photos and calculations	box 17	folder 9
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Cat saphenous, 1953
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cat saphenous tetanus, 1955
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Cat dorsal root, 1945
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Mammalian recovery curves, 1957
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Diphasic saphenous, 1957
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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	box 25	
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 <sub>4</sub> in 21M sucrose pH = 4.70		
324 1% OsO <sub>4</sub> in H <sub>2</sub> O [IJ (unbuffered hypotonic 0.039M. OsO <sub>4</sub> )		
317 1% OsO <sub>4</sub> 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		
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 microphotoqraphs, 5 × 7, individually labeled	box 27	
Omnic-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
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**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
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1455, 1495, 1497, 1837, 1903, 1950	box 31	folder 11
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**Scope and Contents note**

Includes Physiology scientific report.

2994, 1951	box 31	folder 11
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3434, 3472, 3491, 3527, 3658, 3671, 3690, 3707, 3826, 1952	box 31	folder 11
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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
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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
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3 x 4" lantern slides	box 33	
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## 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
<b>Scope and Contents note</b> 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
<b>Scope and Contents note</b> 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
<b>Scope and Contents note</b> 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> <b>Processing Information note</b> Added to the collection May 1982.	

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