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BULLETIN
of
WASHINGTON UNIVERSITY

SAINT LOUIS



FORTY-SEVENTH ANNUAL
CATALOGUE
of the
SCHOOL OF MEDICINE

APRIL 10, 1936

PUBLICATIONS OF WASHINGTON UNIVERSITY
SERIES II VOLUME XXXIV NUMBER XI

Washington University

George R. Throop, Ph.D., LL.D., Bridge Chancellor

Walter E. McCourt, A.M., Assistant Chancellor

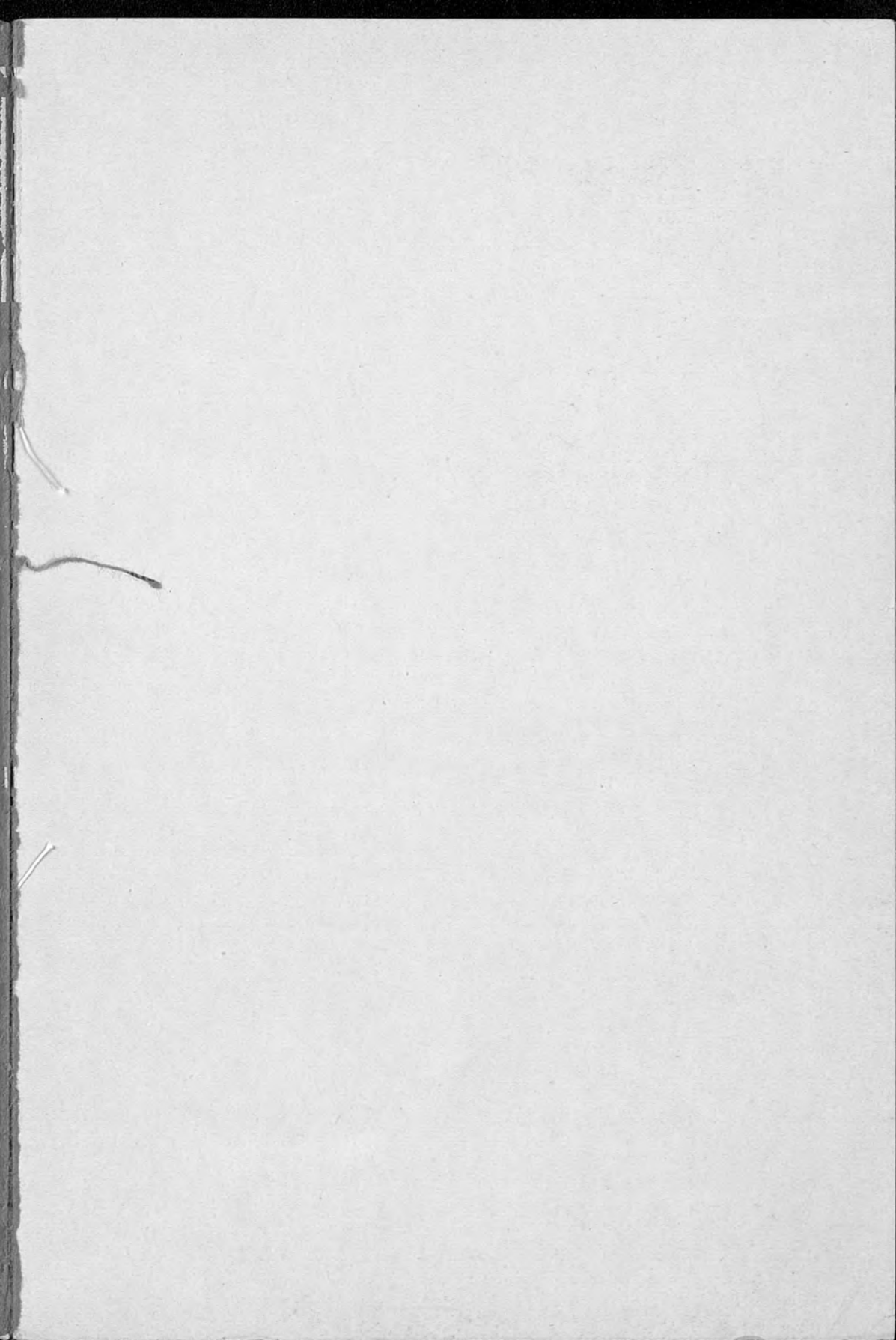
- I. The College of Liberal Arts (Skinker Road and Lindell Boulevard)
Frederick W. Shipley, Ph.D., LL.D., Litt. D., Dean
 - II. The School of Engineering (Skinker Road and Lindell Boulevard)
Alexander S. Langsdorf, M.M.E., Dean
 - III. The School of Architecture (Skinker Road and Lindell Boulevard)
Alexander S. Langsdorf, M.M.E., Dean
 - IV. The School of Business and Public Administration
(Skinker Road and Lindell Boulevard)
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 - V. The Henry Shaw School of Botany (2315 Tower Grove Avenue)
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 - VI. The School of Graduate Studies
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 - XIII. The Summer School (Skinker Road and Lindell Boulevard)
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-

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Mary Institute—A Preparatory School for Girls

(Ladue and Warson Roads, Clayton)

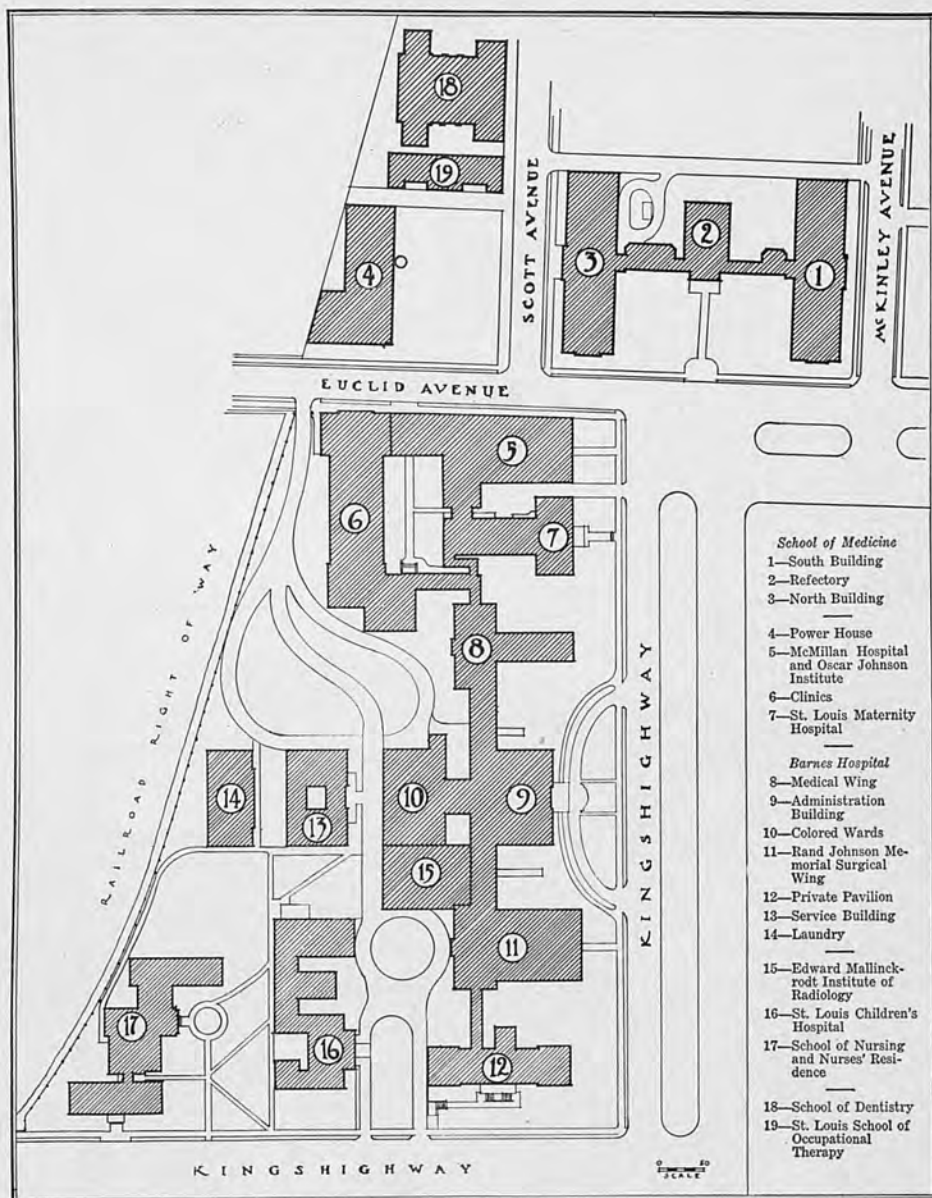
Charles H. Garrison, A.B., Principal



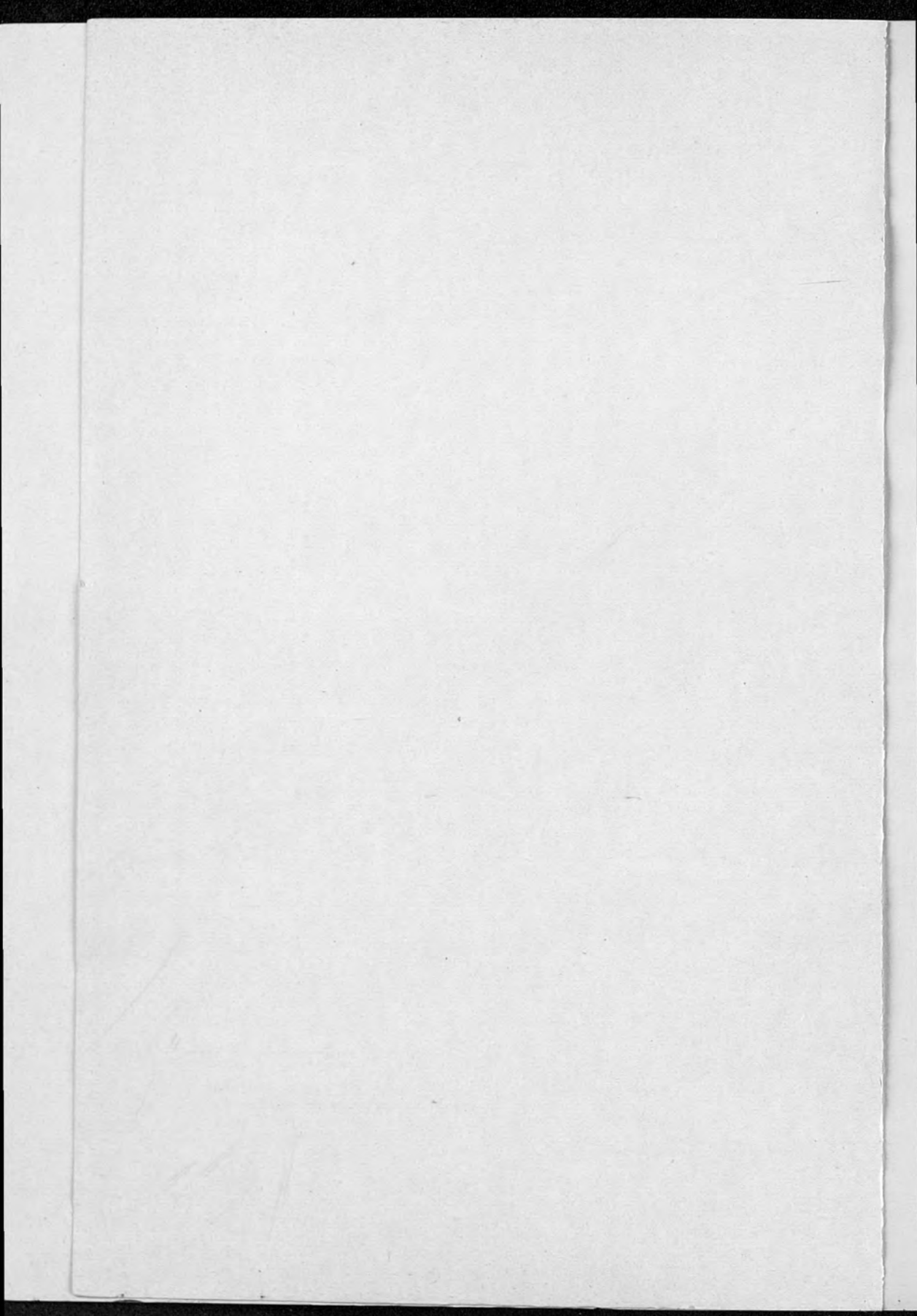


WASHINGTON UNIVERSITY MEDICAL GROUP

"Papin Aerial Surveys", St. Louis



Block Plan of Washington University Medical Group and School of Dentistry



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CALENDAR

1936

JANUARY							FEBRUARY							MARCH							APRIL						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
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26	27	28	29	30	31	..	23	24	25	26	27	28	29	29	30	31	26	27	28	29	30

MAY							JUNE							JULY							AUGUST						
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24	25	26	27	28	29	30	28	29	30	26	27	28	29	30	31	..	23	24	25	26	27	28	29
31	30	31

SEPTEMBER							OCTOBER							NOVEMBER							DECEMBER						
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1937

JANUARY							FEBRUARY							MARCH							APRIL							
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31	

MAY							JUNE							JULY							AUGUST							
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23	24	25	26	27	28	29	27	28	29	30	25	26	27	28	29	30	31	29	30	31	
30	31	

SEPTEMBER							OCTOBER							NOVEMBER							DECEMBER						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
..	..	1	2	3	4	1	2	..	1	1	2	3	4	5	6	1	2	3	4
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26	27	28	29	30	24	25	26	27	28	29	30	28	29	30	26	27	28	29	30	31	..
..	31

CALENDAR

1935-36

Registration for Second Half-Year, Monday, February 3, and Tuesday, February 4, 1936.

Holiday, Washington's Birthday, Saturday, February 22, 1936.

Second Trimester ends Saturday, March 14, 1936.

Third Trimester begins Monday, March 16, 1936.

Holiday, Good Friday, April 10, and Saturday, April 11, 1936.

Holiday, Decoration Day, Saturday, May 30, 1936.

Third Trimester ends Friday, May 29, 1936.

Final Examinations begin Monday, June 1, 1936.

Commencement, Tuesday, June 9, 1936.

1936-37

Registration, Tuesday, September 22, and Wednesday, September 23, 1936.

Examinations for Advanced Standing and Removal of Conditions, Monday, September 21, to Wednesday, September 23, 1936, inclusive.

Academic Year (First Trimester) begins Thursday, September 24, 1936.

Holiday, Thanksgiving Day, Thursday, November 26, 1936.

First Trimester ends Saturday, December 12, 1936.

Second Trimester begins Monday, December 14, 1936.

Christmas Recess, Wednesday, December 23, 1936, to Saturday, January 2, 1937, inclusive.

Registration for Second Half-Year, Monday, February 1, and Tuesday, February 2, 1937.

Holiday, Washington's Birthday, Monday, February 22, 1937.

Second Trimester ends Saturday, March 13, 1937.

Third Trimester begins Monday, March 15, 1937.

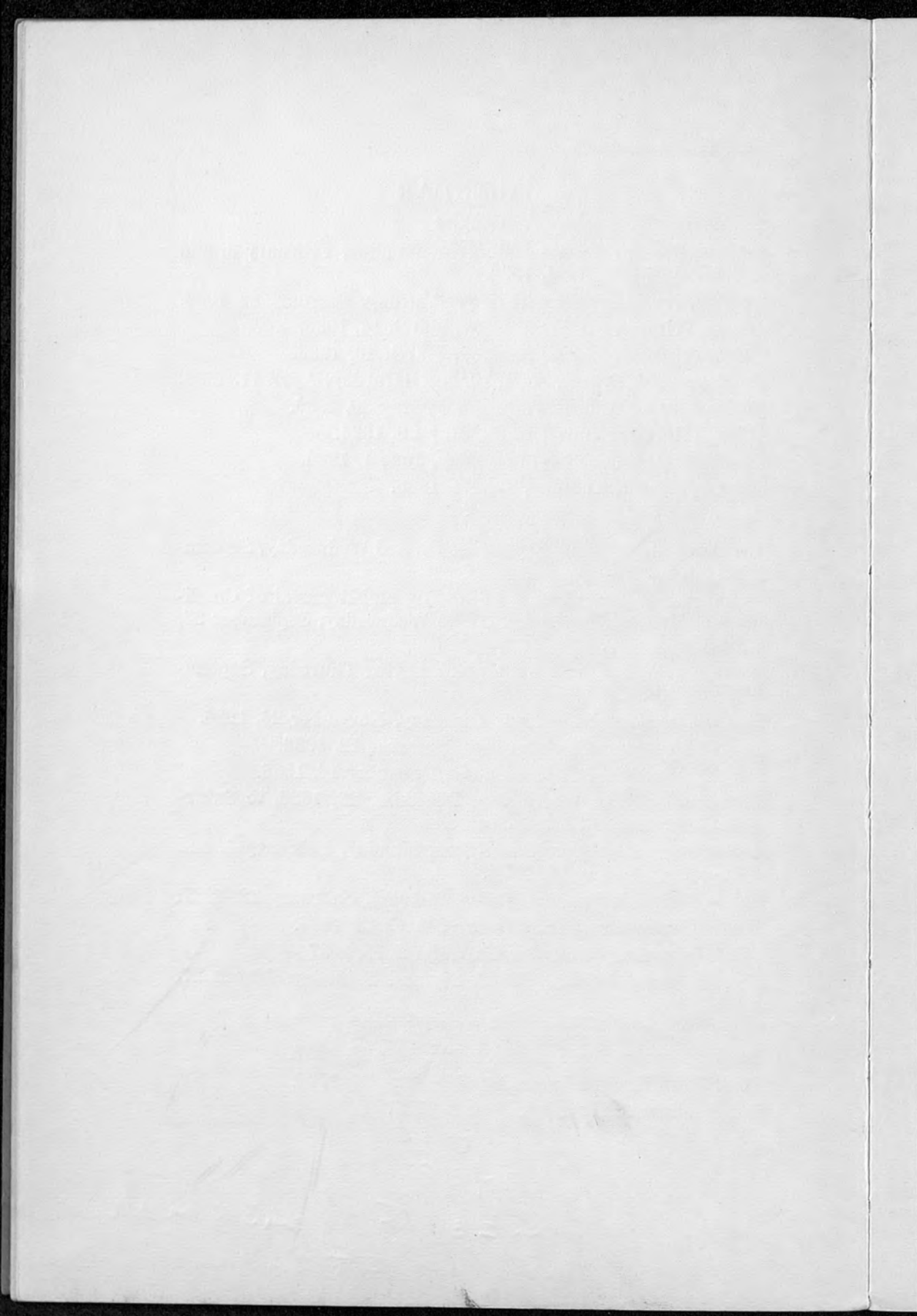
Holiday, Good Friday, March 26, and Saturday, March 27, 1937.

Third Trimester ends Friday, May 28, 1937.

Holiday, Decoration Day, Saturday, May 29, 1937.

Final Examinations begin Monday, May 31, 1937.

Commencement, Tuesday, June 8, 1937.



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FRANCIS RHODES FRY, A.B., A.M., M.D., *Professor Emeritus of Neurology*

¹ Arranged in groups in order of appointment.

² Died October 23, 1935.

- ELSWORTH STRIKER SMITH, A.B., A.M., M.D., *Professor Emeritus of Clinical Medicine*
- HARRY STURGEON CROSSEN, M.D., *Professor Emeritus of Clinical Obstetrics and Gynecology*
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- JOHN ALBERT KEY, M.D., *Professor of Clinical Orthopedic Surgery*
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- ARTHUR SCOTT GILSON, JR., B.S., A.M., Ph.D., *Associate Professor of Physiology*

¹ Died January 25, 1936.

² On leave of absence, July 1 to October 1, 1935.

- LOUIS A. JULIANELLE, A.B., M.S., Ph.D., *Associate Professor of Applied Bacteriology and Immunology*
- DREW WILLIAM LUTEN, A.B., M.D., *Associate Professor of Clinical Medicine*
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- BERNARD JOHN McMAHON, A.B., M.S., M.D., *Assistant Professor of Clinical Otolaryngology*

¹ Resigned, January 1, 1936.

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- WILLIAM BRYAN KOUNTZ, M.D., *Assistant Professor of Medicine*
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- JAMES BRAY COSTEN, A.B., M.D., *Assistant Professor of Clinical Oto-Laryngology*
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- LLEWELLYN SALE, M.D., *Instructor in Clinical Medicine*
- ADRIEN BLEYER, M.D., *Instructor in Clinical Pediatrics and Lecturer in Public Health*
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- WALTER FISCHER, A.B., M.D., *Instructor in Clinical Medicine*
- WARREN ROBERT RAINEY, M.D., *Instructor in Clinical Surgery*
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- PHILIP LEONARD VARNEY, B.S., M.S., Ph.D., *Instructor in Bacteriology and Immunology and in Public Health*
- LEE DE CADY, A.B., A.M., M.D., *Instructor in Clinical Medicine*
- PAUL EDWARD KUBITSCHKE, B.S., M.D., D.Sc., *Instructor in Neuropsychiatry and in Pediatrics*
- MIRIAM SCOTT LUCAS, B.S., Ph.D.,¹ *Instructor in Cytology*
- FREDERICK AUGUSTUS JOSTES, B.S., M.D., *Instructor in Clinical Orthopedic Surgery*

¹ Resigned, September 15, 1935.

- WAYNE ARTHUR RUPE, A.B., M.D., *Instructor in Clinical Pediatrics*
ALFRED GOLDMAN, A.B., M.D., *Instructor in Clinical Medicine*
HIRAM SHAW LIGGETT, M.D., *Instructor in Clinical Medicine*
ROBERT JAMES CROSSEN, A.B., M.D., *Instructor in Clinical Obstetrics and Gynecology*
CHARLES WILLIAM DUDEN, M.D., *Instructor in Clinical Medicine*
JULIUS JENSEN, M.R.C.S., L.R.C.P., Ph.D., *Instructor in Clinical Medicine*
WILLIAM FRANKLIN WENNER, A.B., Ph.D., M.D., *Instructor in Experimental Physiology in Oto-Laryngology*
IRENE KOECHIG FREIBERG, A.B., A.M., *Instructor in Biological Chemistry*
JOSEPH FRANCIS BREDECK, A.B., M.D., *Instructor in Clinical Medicine*
RALEIGH K. ANDREWS, B.S., M.D., *Instructor in Clinical Medicine*
ANTHONY BIGELOW DAY, B.S., M.D., *Instructor in Clinical Medicine*
ROLAND METZLER KLEMME, M.D., *Instructor in Clinical Neurological Surgery*
MILO LAWRENCE HEIDEMAN, A.B., M.D., *Instructor in Clinical Medicine*
NATHAN ANTHONY WOMACK, B.S., M.D., *Instructor in Clinical Surgery*
CHARLES DRABKIN, A.B., M.D., *Instructor in Clinical Obstetrics and Gynecology*
KATHERINE BAIN, A.B., M.D., *Instructor in Clinical Pediatrics*
GROVER HEWITT POOS, M.D., *Instructor in Clinical Ophthalmology*
HOWARD ARCH RUSK, A.B., M.D., *Instructor in Clinical Medicine*
CARL REINARD WEGNER, A.B., M.D., *Instructor in Obstetrics and Gynecology*
WILLIAM MAHLON JAMES, B.S., M.D., *Instructor in Clinical Ophthalmology*
J. WILLIAM BECKMANN, A.B., M.D.,¹ *Instructor in Clinical Neurology*
ROLAND WENDELL HARRISON, A.B., M.S., Ph.D., *Instructor in Applied Bacteriology and Immunology*
ALFRED J. CONE, B.S., M.S., M.D., *Instructor in Clinical Oto-Laryngology*
ROSSLEENE ARNOLD HETLER, A.B., A.M., Ph.D.,² *Instructor in Applied Nutrition in Oto-Laryngology*
ANNE MACGREGOR PERLEY, A.B., M.A., *Instructor in Biological Chemistry in Pediatrics*
OSCAR CHARLES ZINK, M.D., *Instructor in Clinical Radiology*
VINCEL ROGERS DEAKIN, M.D., *Instructor in Clinical Genito-Urinary Surgery*
JOSEPH HOY SANFORD, M.D., *Instructor in Clinical Genito-Urinary Surgery*
OTTO JULIUS WILHELMI, B.S., M.D., *Instructor in Clinical Genito-Urinary Surgery*
JOHN E. HOBBS, A.B., M.D., *Instructor in Obstetrics and Gynecology*

¹ On leave of absence, 1935-36.

² Resigned, September 30, 1935.

- DOROTHY WOLFF, A.B., M.A., Ph.D., *Instructor in Anatomy in Oto-Laryngology*
- HENRY SPENCE BROOKES, JR., M.D., *Instructor in Clinical Surgery*
- JACOB G. PROBSTEN, M.D., *Instructor in Clinical Surgery*
- CECIL MARVIN CHARLES, A.B., A.M., Ph.D., M.D., *Instructor in Anatomy and Assistant in Clinical Medicine*
- CARLISS MALONE STROUD, B.S., M.D., *Instructor in Clinical Medicine*
- LOUIS FRED AITKEN, B.S., M.D., *Instructor in Clinical Medicine*
- HUBERT BEAUFORT PEUGNET, A.B., M.D., *Instructor in Physiology*
- EDGAR ALLEN BLAIR, A.B., M.S., *Instructor in Physiology*
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- CYRIL MITCHELL MACBRYDE, A.B., M.D., *Instructor in Medicine*
- CARL CONRAD BEISBARTH, B.S., M.D., *Instructor in Clinical Ophthalmology*
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- CLINTON WELSH LANE, A.B., M.D., *Instructor in Clinical Dermatology*
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- ROBERT VOTAW, M.D., *Instructor in Oto-Laryngology*
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- THOMAS PALMER FINDLEY, JR., A.B., M.D., *Instructor in Clinical Medicine*
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- THOMAS B. POTE, D.V.S., M.D., *Lecturer in Pathology*
- MAURICE JULIUS LONSWAY, B.S., M.D., *Assistant in Clinical Pediatrics*

- AMALIE MARIE NAPIER, M.D., *Assistant in Clinical Ophthalmology*
WILLIAM LUDWIG HANSON, M.D., *Assistant in Clinical Oto-Laryngology*
LEE PETTIT GAY, A.B., M.D., *Assistant in Clinical Medicine*
OLIVER ABEL, JR., B.S., M.D., *Assistant in Clinical Medicine*
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FRANCIS JOHN CANEPA, M.D., *Assistant in Clinical Obstetrics and Gynecology*
EUGENE AUGUST VOGEL, A.B., M.D., *Assistant in Clinical Obstetrics and Gynecology*
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HELEN L. B. GAGE, B.S., M.D., *Assistant in Clinical Oto-Laryngology*
MYRON WOODWARD DAVIS, M.D., *Assistant in Clinical Obstetrics and Gynecology*
CLEON EDWARD COLGATE, A.B., M.D., *Assistant in Clinical Pediatrics*
LOUIS COHEN, B.S., M.D., *Assistant in Clinical Medicine*
BEN DRUZE SENTURIA, B.S., M.D., *Assistant in Clinical Medicine*
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HARRY WILLIAM WIESE, B.S., M.D., *Assistant in Clinical Medicine*
MARION CLAIRE MORRIS, A.B., M.S., *Assistant in Applied Bacteriology and Immunology*
HARRY NAYLOR GLICK, A.B., M.D., *Assistant in Clinical Oto-Laryngology*
BARBARA STANDISH KENDALL, A.B., Ed.M., *Assistant in Applied Psychology in Neurology*
KARL JOHN BALAZS, B.S., M.D., *Assistant in Clinical Obstetrics and Gynecology*
MELVIN ANDREW ROBLEE, B.S., M.D., *Assistant in Clinical Obstetrics and Gynecology*
FRANZ JOSEPH ARZT, M.D., *Assistant in Clinical Obstetrics and Gynecology*
ELMER RICHMAN, M.D., *Assistant in Clinical Medicine*
CHARLES EDWARD GILLILAND, B.S., M.D., *Assistant in Clinical Medicine*
BERTRAND YOUNKER GLASSBERG, B.S., M.D., *Assistant in Clinical Medicine*
EDWIN HENRY ROHLFING, M.D., *Assistant in Clinical Pediatrics*
ALLEN BREWER POTTER, A.B., M.D., *Assistant in Clinical Oto-Laryngology*
KENNETH FRANKLIN GLAZE, B.S., M.D., *Assistant in Clinical Medicine*
MARY ANNE MCLOON, A.B., B.M., M.D., *Assistant in Clinical Pediatrics*
LILBURN CASPER BOEMER, B.S., M.D., *Assistant in Clinical Oto-Laryngology*
MAX DEUTCH, M.D., *Assistant in Clinical Pediatrics*
ROBERT WILSON BARTLETT, B.S., M.D., *Assistant in Clinical Surgery*
EDWARD LAWRENCE KEYES, JR., B.S., M.D., *Assistant in Clinical Surgery*
CATHERINE C. BUHRMESTER, B.S., M.S., *Assistant in Applied Chemistry in Oto-Laryngology*

- GRACE MEHRTEN, A.B., M.A., *Assistant in Applied Bacteriology in Medicine and Assistant in Bacteriology and Immunology*
- MILTON SMITH, B.S., M.D., *Assistant in Clinical Medicine*
- IRWIN HERMAN ESKELES, B.S., M.D., *Assistant in Clinical Dermatology*
- JOSEPH ALOYSIUS BAUER, M.D., *Assistant in Clinical Pediatrics*
- KEVIN CHARLES MORRIN, M.B., B.Ch., *Assistant in Clinical Obstetrics and Gynecology*
- PAUL ROLAND NEMOURS, B.S., M.D., *Assistant in Clinical Oto-Laryngology*
- WILLARD CALVIN SCRIVNER, B.S., M.D., *Assistant in Clinical Obstetrics and Gynecology*
- JOHN B. O'NEILL, M.D., *Assistant in Clinical Obstetrics and Gynecology*
- FREDERICK AUGUST JACOBS, B.S., M.D., *Assistant in Clinical Pediatrics*
- FREDERICK W. SCHERRER, B.S., M.D., *Assistant in Clinical Oto-Laryngology*
- SOL LONDE, B.S., M.D., *Assistant in Clinical Pediatrics*
- LEE BULLEN HARRISON, A.B., M.D., *Assistant in Clinical Medicine*
- LOUIS T. BYARS, B.S., M.D., *Assistant in Clinical Surgery*
- MARIAN GRACE PFINGSTEN, A.B., *Assistant in Oto-Laryngology*
- JAMES EDWARD PITTMAN, A.B., M.D., *Assistant in Surgery*
- OLIVE SCHREGARDUS O'BYRNE, A.B., *Assistant in Applied Chemistry in Medicine*
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- FRANCES H. STEWART, M.D., *Assistant in Clinical Obstetrics and Gynecology*
- GUERDAN HARDY, M.D., *Assistant in Clinical Ophthalmology*
- BARRETT LEARNED TAUSSIG, A.B., M.D., *Assistant in Medicine*
- LOUIS L. TUREEN, B.S., M.D., *Assistant in Clinical Neurology*
- JOHN BLANCHARD BARGER, M.D., *Assistant in Clinical Medicine*
- EDWARD WYATT CANNADY, A.B., M.D., *Assistant in Clinical Medicine*
- BRADFORD CANNON, A.B., M.D., *Assistant in Surgery*
- LEONARD THOMPSON FURLOW, B.S., M.D., *Assistant in Clinical Neurological Surgery*
- LEO GOTTLIEB, A.B., A.M., M.D., *Assistant in Medicine*
- NOTLEY WILLIAM HAWKINS, A.B., M.D., *Assistant in Clinical Ophthalmology*
- ADOLPH CHARLES LANGE, B.S., M.D., *Assistant in Clinical Ophthalmology*
- LLOYD C. MILLER, M.D., *Assistant in Clinical Medicine*
- HAROLD GOULD NEWMAN, B.S., A.M., M.D., *Assistant in Clinical Medicine*
- ROBERT KEDZIE PLANT, B.S., M.D., *Assistant in Obstetrics and Gynecology*
- W. TUPPER PLUMPE, B.S., M.D., *Assistant in Clinical Medicine*
- LYMAN KING RICHARDSON, A.B., M.D., *Assistant in Surgery*

- JOHN ALBION SAXTON, JR., A.B., M.D., *Assistant in Pathology*
KATHERINE OPHELIA SHIRLEY, A.B., M.D., *Assistant in Medicine*
DAVID MILLER SKILLING, JR., B.S., M.D., *Assistant in Clinical Medicine*
ROBERT S. SMITH, A.B., Sc.D., M.D., *Assistant in Surgery*
HELMAN CHAIM WASSERMAN, A.B., M.D., *Assistant in Obstetrics and Gynecology*
ALFRED D. HERSHEY, Ph.D., *Assistant in Bacteriology and Immunology*
MARSHALL G. SEIBEL, B.S., M.D., *Assistant in Clinical Medicine*
HENRY LEO CABITT, A.B., M.D.,¹ *Assistant in Clinical Surgery*
STANLEY LEONARD HARRISON, B.S., M.D., *Assistant in Clinical Pediatrics*
JOHN WARREN HENDERLITE, M.D., *Assistant in Clinical Medicine*
JOHN FRANKLIN PATTON, M.D., *Assistant in Clinical Genito-Urinary Surgery*
KENNETH O. WILSON, M.D., *Assistant in Clinical Genito-Urinary Surgery*
HARRY L. THIEME, B.S., M.D., *Assistant in Clinical Orthopedic Surgery*
LLOYD DAVID LINTON, B.S., *Assistant in Applied Bacteriology in Oto-Laryngology*
JAY CRAWFORD, A.B., B.S., M.D., *Assistant in Ophthalmology*
HANS LOUIS KLEINE, B.S., M.D., *Assistant in Clinical Obstetrics and Gynecology*
JANET HOLMES ALEXANDER, A.B., *Assistant in Immunology in Oto-Laryngology*
EUGENE MYRON BRICKER, M.D., *Assistant in Surgery*
ALAN DUNCAN CALHOUN, A.B., M.D., *Assistant in Ophthalmology*
ALLEN BERNARD ESCHENBRENNER, M.D., *Assistant in Pathology*
ORA JAMES GIBSON, A.B., A.M., M.D., *Assistant in Obstetrics and Gynecology*
JAY STEPHAN GOODMAN, B.S., M.S., M.D., *Assistant in Medicine*
CARL GAYLER HARFORD, A.B., M.D., *Assistant in Medicine and in Bacteriology and Immunology*
CHARLES LEE HOAGLAND, B.S., M.D., *Assistant in Pathology*
LOUIS GLANZ JEKEL, B.S., M.D., *Assistant in Medicine*
JAMES MAXWELL LITTLE, A.B., M.S., *Assistant in Biological Chemistry*
KURT MANSBACHER, M.D., *Assistant in Clinical Medicine*
WILLIAM HENRY MEINBERG, JR., B.S., M.D., *Assistant in Clinical Ophthalmology*
DANIEL WILBUR MYERS, A.B., M.D., *Assistant in Medicine*
LESLIE ENDICOTT PATTON, B.S., M.D., *Assistant in Clinical Obstetrics and Gynecology*
FRED CURTIS REYNOLDS, A.B., M.D., *Assistant in Surgery*

¹ Resigned, September 15, 1935.

- AVERY PECK ROWLETTE, M.D., *Assistant in Clinical Surgery*
MARY MABLE SCHMECKEBIER, B.S., M.D., *Assistant in Pathology*
WILLIAM RUSSELL SMITH, M.D., *Assistant in Surgery*
BARRETT LEARNED TAUSSIG, A.B., M.D., *Assistant in Medicine*
DWIGHT HOWE TROWBRIDGE, JR., A.B., M.D., *Assistant in Ophthalmology*
ARNOLD DE MERRITT WELCH, B.S., M.S., Ph.D., *Assistant in Pharmacology*
GEORGE J. L. WULFF, JR., A.B., M.D., *Assistant in Obstetrics and Gynecology*
PAUL FRANKLIN MAX, B.S., M.D., *Assistant in Clinical Obstetrics and Gynecology*
ROY LOUIS KILE, B.S., M.D.,¹ *Assistant in Clinical Dermatology*
THEODORE CHARLES BAUERLEIN, A.B., M.D.,² *Assistant in Medicine*
MAURICE NORMAN ORGEL, B.S., A.M., M.D.,² *Assistant in Medicine*
KEITH SINGLETON WILSON, A.B., M.D.,² *Assistant in Medicine*
H. NOLAND FISHER, M.D.,² *Assistant in Clinical Ophthalmology*
SIM F. BEAM, A.B., M.D.,³ *Assistant in Clinical Medicine*
MARIANNE KUTTNER, M.D.,³ *Assistant in Clinical Medicine*
MELVIN STAEHLE, M.D.,³ *Assistant in Clinical Medicine*

HELENE C. COLEMAN.....*Secretary to the Dean*

¹ Effective November 13, 1935.

² Effective January 1, 1936.

³ Effective March 4, 1936.

FELLOWS

GERTY T. CORI, M.D., *Research Fellow in Pharmacology*

SAMUEL ROBERT SNODGRASS, B.S., M.D., *Fellow in Neurological Surgery*

ROBERT WATKINSON HUNTINGTON, JR., A.B., M.D., *Catlin Fellow in Pediatrics*

ROBERT ALEXANDER PETERSON, M.D.,¹ *Research Fellow in Oto-Laryngology*

LESLIE YOUNG, B.Sc., Ph.D., *Commonwealth Research Fellow in Biological Chemistry*

I. M. TARLOV, A.B., M.S., M.D.,² *Fellow in Neurological Surgery*

WESLEY DEE THOMPSON, JR., M.D.,³ *Fellow in Chest Surgery*

BRIAN BREWER BLADES, A.B., M.D.,⁴ *Fellow in Chest Surgery*

RESEARCH ASSOCIATES AND ASSISTANTS

SAMUEL HOWARD BARTLEY, Ph.D., *Research Associate in Bio-physics and Psychology*

PHILIP S. WILLIAMS,⁵ *Research Associate in Cytology*

EDWARD LEROY BURNS, M.D., *Research Assistant in Pathology*

SAMUEL J. HAYWARD, *Research Assistant in Pathology*

VALENTINA SUNTZEFF, M.D., *Research Assistant in Pathology*

ALFRED M. LUCAS, A.B., Ph.D.,⁶ *Research Associate in Cytology*

GENEVIEVE WILBUR, A.B., M.S., *Research Assistant in Pediatrics*

JAMES HOWARD MCMILLEN, A.B., Ph.D., M.S.,⁷ *Research Associate in Cytology*

LEROY F. HEIMBURGER, M.D.,⁷ *Research Associate in Cytology*

ELIZABETH MOORE, A.B., M.D.,⁸ *Research Assistant in Applied Bacteriology and Immunology*

¹ Resigned, September 15, 1935.

² Effective, September 1, 1935.

³ September 1, 1935 to March 1, 1936.

⁴ March 1 to June 30, 1936.

⁵ Resigned September 1, 1935.

⁶ Resigned September 1, 1935.

⁷ Effective September 1, 1935.

⁸ Effective October 1, 1935.

STAFFS OF THE UNIVERSITY HOSPITALS
THE BARNES HOSPITAL, THE ST. LOUIS CHILDREN'S
HOSPITAL, THE ST. LOUIS MATERNITY HOSPITAL
AND THE McMILLAN EYE, EAR, NOSE AND
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ADMINISTRATION

LOUIS H. BURLINGHAM, M.D. . . . *Superintendent, Barnes Hospital*
ESTELLE D. CLAIBORNE, R.N. . . . *Superintendent, St. Louis Children's Hospital*
MARY KEITH *Superintendent, St. Louis Maternity Hospital*
FRANK R. BRADLEY, M.D. . . . *Assistant Superintendent, Barnes Hospital*
ANNA BRANDNER, B.S., R.N. . . . *Assistant Superintendent, St. Louis Children's Hospital*
MARY M. REYNOLDS, R.N. . . . *Assistant Superintendent, St. Louis Children's Hospital (Ridge Farm)*
CORNELIA S. KNOWLES, R.N. . . . *Executive Assistant, Barnes Hospital*
LOLA V. BREITENSTEIN, R.N. . . . *Admitting Officer, Barnes Hospital*

MEDICINE

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David P. Barr

Associate Physician

Harry L. Alexander

Assistant Physicians

Elsworth S. Smith
Albert E. Taussig
Warren P. Elmer
Jerome E. Cook
Walter Fischel
Walter Baumgarten
William H. Olmsted
Drew W. Luten
Charles H. Eyermann
Jacob J. Singer
Frank D. Gorham
Joseph W. Larimore
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Samuel B. Grant
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Lee P. Gay
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Cecil M. Charles
Albert H. Hamel
William Alexander Smith
Leon Bromberg
Carl G. Harford
Edward Cannady

SURGERY

Surgeon in Chief

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Associate Surgeons

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Vilray P. Blair

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Malvern B. Clopton

J. Albert Key

Assistant Surgeons

Arthur O. Fisher

Major G. Seelig

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I. M. Tarlov

Alvah G. Heideman

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Arthur M. Alden

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 L. C. Boemer
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 William E. Shahan
 Meyer Wiener

Assistant Ophthalmologists
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 Frederick E. Woodruff
 Max W. Jacobs
 M. Hayward Post
 Frederick O. Schwartz
 Bennett Y. Alvis
 William M. James
 Harvey D. Lamb
 Howard R. Hildreth
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 Grover H. Poos
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 William Meinberg

Voluntary Assistant
 Gilbert Struble

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Consulting Physician
 Borden S. Veeder

Associate Physicians
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 Hugh McCulloch
 Jean V. Cooke
 Alexis F. Hartmann

Assistant Physicians
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 Adrien S. Bleyer
 Maurice J. Lonsway

Park J. White
 Katherine Bain
 Cleon E. Colgate
 Wayne A. Rupe
 Edwin H. Rohlfing
 Max Deutch
 Paul E. Kubitschek
 Joseph A. Bauer
 Lawrence Goldman
 Frederick A. Jacobs
 Stanley L. Harrison
 Sol Londe

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Assistant Dermatologists
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 Adolph H. Conrad
 William G. Coleman
 Martin F. Engman, Jr.
 Clinton W. Lane
 Irwin A. Eskeles

NEUROLOGY

Neurologist
 Sidney I. Schwab

Assistant Neurologists
 Andrew B. Jones
 Archie D. Carr
 J. William Beckmann
 Val B. Satterfield
 Louis Tureen
 Paul Kubitschek

PATHOLOGY

Pathologist
 Leo Loeb

Associate Pathologist
 Howard A. McCordock

Assistant Pathologist
 Walter J. Siebert

RADIOLOGY

Roentgenologist
 Sherwood Moore

Assistant Roentgenologists
 Joseph W. Larimore
 Oscar C. Zink
 Wendell G. Scott

STOMATOLOGY AND
DENTISTRY*Stomatologist*
Virgil Loeb*Dentists*William B. Spotts
James A. Brown
Roy C. Mallory
Donald White*Assistant Dentist*
E. C. Brooks

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Joseph Erlanger*Chemist*

Philip A. Shaffer

Anthropologist

Robert J. Terry

*Physician in Charge of Physiscal
Therapeutics*

Frank H. Ewerhardt

Physicist

Cordia C. Bunch

*Assistant Chemist, St. Louis
Children's Hospital*

Anne Macgregor Perley

HOUSE STAFF

MEDICINE

Resident

Leo Gottlieb

*Assistant Residents*Daniel W. Myers
Barrett Taussig*Interns*Keith S. Wilson
Theodore Bauerlein
Paul Kunkel
John R. Smith
M. Norman Orgel
Edward Massie
John W. Seddon
Sydney B. Maughs
James F. Lewis
Allen B. Phillips
Joseph Edwards*Extern*

Katherine Shirley

SURGERY

Resident

James E. Pittman

*Assistant Residents*Bradford Cannon
Lyman K. Richardson
Robert S. Smith
William Russell Smith
Eugene M. Bricker
Fred C. Reynolds*Interns*N. Kenneth Jensen
Bruce C. Martin
Elmer G. Gaul
Pearson C. Kellogg
George B. Sanders
Joseph S. Lichty
Dan H. FunkensteinOBSTETRICS AND
GYNECOLOGY*Residents*Robert K. Plant
Helman C. Wasserman*Assistant Residents*Ora J. Gibson
George J. L. Wulff*Interns*Donald M. Baldwin
Carl P. Birk
Phillips K. Champion
Clarence C. Engleman
David Friedman
Jan Nyboer
Gordon Prachar
Richard Y. Sakimoto
Leon B. Thomas

OTO-LARYNGOLOGY

Resident (Pathologist)

Lee W. Dean, Jr.

Assistant Residents

H. M. Smit
W. T. K. Bryan
F. H. Borg
R. O. Smith

Interns

John S. Agar
Grove A. Rawlins
W. H. McKenzie
Braswell Collins
T. J. Haughton

Externs

Charles Mahoney
Dewey St. John
R. O. Smith

OPHTHALMOLOGY

Residents

Dwight H. Trowbridge
Alan D. Calhoun

Assistant Residents

Theodore E. Sanders

Interns

T. F. O'Connor
A. Reas Anneberg

Edmund B. Alvis
Harry D. Rosenbaum

Externs

Roger S. Grimmett
William F. Klotz
George E. Zukovich

PEDIATRICS

Residents

J. Keller Mack
A. R. Eveloff

Assistant Resident

Russell Blattner

Interns

Fred C. Turley
Edna W. Schrick
John M. Nelson
Gordon E. Stone
Jack Basman
Paul L. Boisvert
Emily Ripka

PATHOLOGY

Intern

Allen B. Eschenbrenner

WASHINGTON UNIVERSITY CLINICS, OUT-PATIENT
DEPARTMENTS OF THE BARNES, THE ST. LOUIS
CHILDREN'S, THE ST. LOUIS MATERNITY
AND THE McMILLAN HOSPITALS

Director

John V. Lawrence

Supervisor of Nursing

Edna Miller Gibson

Record Librarian

Flora Robinson Wells

Optician

J. S. Crawford

MEDICAL CLINICS

Physician in Chief

David P. Barr

GENERAL MEDICAL DIVISION

Chief of Clinic

John V. Lawrence

Physicians in Charge

J. Ted Jean
Charles W. Duden

Physicians to Out-Patients

Elsworth S. Smith
Albert E. Taussig
Elmer Richman
Howard A. Rusk
Harry L. Alexander
Walter Baumgarten
Jerome Cook
Walter Fischel
Lee Pettit Gay
Frank Gorham
Llewellyn Sale
B. Y. Glassberg
Marshall Seibel
Thomas Findley

Assistant Physicians to Out-Patients

Harold G. Newman
 Carl G. Harford
 Louis Jekel
 Katherine Shirley
 William Doyle

ALLERGY DIVISION

Chief of Clinic

Harry L. Alexander

Physician in Charge

Charles H. Eyermann

Physician to Out-Patients

Elmer Richman

Assistant Physician to Out-Patients

Kurt Mansbacher

ANEMIA DIVISION

Physician in Charge

Lawrence D. Thompson

ARTHRITIS DIVISION

Physician in Charge

J. Albert Key

Assistant Physicians to Out-Patients

Oliver E. Tjoflat
 Hermann Rosenfeld

CARDIOVASCULAR DIVISION

Chief of Clinic

Arthur E. Strauss

Physicians to Out-Patients

Drew W. Luten
 Hiram S. Liggett
 William Kountz
 Julius Jensen

Assistant Physicians to Out-Patients

David M. Skilling
 Melvin Staehle
 Jay Goodman
 Byron McGinnis

ENDOCRINE DIVISION

Chief of Clinic

David P. Barr

Physicians in Charge

Harold A. Bulger (Diabetic)
 Otto H. Schwarz (Gynecological)
 Samuel D. Soule (Gynecological)

Physicians to Out-Patients

Cyril M. MacBryde
 B. Y. Glassberg

Assistant Physicians to Out-Patients

Kurt Mansbacher
 Marianne Kuttner
 Cecil M. Charles
 Ralph Hayden

FOOD CLINIC DIVISION

Dietitian

Ruth Kahn

GASTROINTESTINAL DIVISION

Chief of Clinic

Joseph W. Larimore

Physician in Charge

Theodore Bauerlein

Assistant Physician to Out-Patients

Louis Jekel

NEUROLOGICAL DIVISION

Chief of Clinic

Sidney I. Schwab

Physicians to Out-Patients

Andrew B. Jones
 Archie D. Carr
 Val B. Satterfield
 Paul Edward Kubitschek

Assistant Physician to Out-Patients

Joseph Gitt

Psychologist

Barbara Standish Kendall

CHEST DIVISION

Chief of Clinic
Alfred Goldman

Assistant Physicians to Out-Patients

Kenneth F. Glaze
Reuben Kaplan
Kurt Mansbacher
Sim Beam
L. C. Miller

LABORATORY DIVISION

Technician
Anna Rawlins

VENEREAL CLINIC

Chief of Clinic
Louis F. Aitken

MEDICAL DIVISION

Physician in Charge
Louis F. Aitken

DERMATOLOGICAL DIVISION

Physician in Charge
Clinton W. Lane

NEUROSYPHILIS DIVISION

Physician in Charge
Lee D. Cady

Assistant Physicians to Out-Patients

Cyril M. MacBryde
Cecil M. Charles

Ophthalmological Consultant
William M. James

OBSTETRIC DIVISION

Chief of Clinic
Otto H. Schwarz

Physician to Out-Patients
Samuel D. Soule

THERAPEUTIC DIVISION

Physician in Charge
William G. Coleman

PROCTOLOGICAL DIVISION

Surgeon in Charge
Warren R. Rainey

UROLOGICAL DIVISION

Chief of Clinic
Rogers Deakin

HEALTH AND DIAGNOSTIC CLINIC

Chief of Clinic
John V. Lawrence

Physician in Charge and Physician to Medical and Dental Students
J. Ted Jean

Pediatrician
Frederick A. Jacobs

DERMATOLOGICAL CLINIC

Dermatologist in Chief
Martin F. Engman

Chief of Clinic
Richard Weiss

Physicians to Out-Patients
Adolph H. Conrad
William G. Coleman
Clinton W. Lane

Assistant Physician to Out-Patients
Irwin H. Eskeles

SURGICAL CLINICS

Surgeon in Chief
Evarts A. Graham

GENERAL SURGERY DIVISION

Chief of Clinic
Warren H. Cole

Surgeons to Out-Patients

Ernest Sachs
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 Peter Heinbecker

Assistant Surgeons to Out-Patients

Edward L. Keyes
 Robert Bartlett
 Franklin Walton

GENITO-URINARY DIVISION

Chief of Clinic

Rogers Deakin

Assistant Surgeons to Out-Patients

John Patton
 K. O. Wilson
 Carl J. Althaus
 H. G. Greditzer
 H. H. Feller

ORTHOPEDIC DIVISION

Chief of Clinic

J. Albert Key

Surgeons to Out-Patients

Charles A. Stone
 J. Edgar Stewart
 Frank H. Ewerhardt
 Theodore P. Brookes

Assistant Surgeons to Out-Patients

Frederick A. Jostes
 H. L. Thieme

PEDIATRIC CLINICS

Pediatrician in Chief

W. McKim Marriott

Chief of Clinics

Jean V. Cooke

GENERAL PEDIATRIC DIVISION

Physician in Charge

Jean V. Cooke

Physicians to Out-Patients

Adrien Bleyer
 Alexis Hartmann
 Frederick A. Jacobs

Assistant Physicians to Out-Patients

Max Deutch
 Ben M. Bull
 Sol Londe
 Stanley L. Harrison
 Marianne Kuttner

ALLERGY DIVISION

Physician in Charge

Katherine Bain

CARDIAC DIVISION

Physician in Charge

Hugh McCulloch

CONGENITAL SYPHILIS DIVISION

Physician in Charge

Edwin H. Rohlfing

WELL BABY DIVISION

Physician in Charge

Jean V. Cooke

OBSTETRICAL AND
GYNECOLOGICAL CLINIC*Obstetrician and Gynecologist in
Chief*

Otto H. Schwarz

Chief of Gynecological Clinic

John E. Hobbs

Chief of Obstetrical Clinic

Dudley R. Smith

*Obstetricians and Gynecologists to
Out-Patients*

Quitman U. Newell
 T. Kenneth Brown
 Karl J. Balazs
 Otto S. Krebs
 Carl R. Wegner
 Grover B. Liese
 Charles Drabkin
 Robert J. Crossen

Samuel D. Soule
A. Norman Arneson
Melvin A. Roblee
Myron W. Davis

*Assistant Obstetricians and
Gynecologists to Out-Patients*

Francis J. Canepa
Frances H. Stewart
Kevin C. Morrin
Willard C. Scrivner
John B. O'Neill
Hans L. Kleine
Helman C. Wasserman
Robert K. Plant
George J. L. Wulff, Jr.
Ora James Gibson
Leslie E. Patton
Paul F. Max

OPHTHALMOLOGICAL CLINIC

Ophthalmologist in Chief
Lawrence T. Post

Chief of Ophthalmological Clinic
H. Rommel Hildreth

Ophthalmologists to Out-Patients

William E. Shahan
Meyer Wiener
William F. Hardy
Frederick E. Woodruff
M. Hayward Post
Frederick O. Schwartz
Max W. Jacobs
Bennett Y. Alvis
Amalie M. Napier
Grover H. Poos
Carl C. Beisbarth
William M. James

*Assistant Ophthalmologists to
Out-Patients*

Guerdan Hardy
Adolph C. Lange
Notley W. Hawkins
J. S. Crawford
W. H. Meinberg
Noland Fisher

OTO-LARYNGOLOGICAL
CLINIC

*Oto-Laryngologist in Chief and
Chief of Clinic*

Lee W. Dean

Associate Chiefs of Clinic

Harry W. Lyman
Millard F. Arbuckle
Arthur W. Proetz
Arthur M. Alden
French K. Hansel

Surgeons to Out-Patients

George E. Hourn
Isaac D. Kelley, Jr.
James B. Costen
Bernard J. McMahon
Alfred J. Cone
Louis J. Birsner

Assistant Surgeons to Out-Patients

Harry N. Glick
Helen Gage
Allen B. Potter
Lilburn C. Boemer
F. W. Scherrer
Robert Votaw
A. C. Stutsman

THE ST. LOUIS CITY HOSPITAL

Visiting Physicians and Surgeons to the City Hospital¹ and other City institutions are designated by Washington University to act as follows:

Medicine

Oliver H. Campbell
Lawrence D. Thompson
Julius Jensen
Oliver Abel, Jr.
Marshall Seibel
Milo L. Heideman
Edward Cannady
Milton Smith
Thomas Findley

Surgery

Peter Heinbecker
Franklin Walton
Robert Elman
Nathan Womack
J. Barrett Brown

Obstetrics and Gynecology

T. Kenneth Brown
Dudley R. Smith

¹ Appointed by the City upon nomination by the University,

John B. O'Neill
Melvin A. Roblee
Samuel D. Soule

Neurology

Archie D. Carr
Louis Tureen

Orthopedic Surgery

J. Albert Key
Theodore P. Brookes
J. Edgar Stewart
Fred Jostes
C. A. Stone

Dermatology

William G. Coleman
Clinton Lane

Ophthalmology

Lawrence Post
Frederick O. Schwartz
Bennett Y. Alvis
M. Hayward Post
Guerdan Hardy
Adolph Lange
William H. Meinberg

Oto-Laryngology

Arthur W. Proetz
Bernard J. McMahon
Frederick W. Scherrer
Harry N. Glick
Allen Potter

Genito-Urinary Surgery

Otto J. Wilhelmi
Kenneth O. Wilson
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The facilities of the Isolation Hospital and the City Sanitarium are available for the use of the faculty.

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*Director of Physical Education and University Health Service*PHILO STEVENSON, A.B. *Alumni Representative*KARL FREDERICK KOENIG, B.S., M.D. *Resident Physician*J. TED JEAN, M.D. . . . *Physician to Medical and Dental Students*MORRIS BOORSTIN¹ *Superintendent, Buildings and Grounds*HARRY JOSEPH STIEBEL *Chief Engineer*DONALD MORRISON *Acting Superintendent, Buildings and Grounds*

CALVIN RINGGENBERG, M.Mus., A.A. G. O.

Organist and Director of University Choir

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} *Editors of the Studies*¹ Died, December 26, 1935.

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OTTO H. SCHWARZ, M.D.	JOHN V. LAWRENCE, M.D.

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The General Faculty is composed of all the officers of administration and instruction above and including the rank of Assistant Professor.

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STANDING COMMITTEES¹

MEDICAL EDUCATION

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LIBRARY

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ST. LOUIS CHILDREN'S HOSPITAL

Dr. Marriott (*Chairman*), Drs. Graham, Dean, Miss Claiborne.

ST. LOUIS MATERNITY HOSPITAL

Dr. Schwarz (*Chairman*), Drs. Graham, Marriott, Mrs. Keith.

EDWARD MALLINCKRODT INSTITUTE OF RADIOLOGY

Dr. Moore (*Chairman*), Drs. Graham, Shaffer, Marriott, Barr, Terry, Hughes, Erlanger.

McMILLAN HOSPITAL AND OSCAR JOHNSON INSTITUTE

Dr. Marriott (*Chairman*), Drs. Barr, Dean, Post, Woodruff, Lawrence, Lyman.

FACULTY REPRESENTATIVE TO THE BARNES HOSPITAL BOARD

Dr. Graham.

¹ The Dean is *ex officio* a member of all standing committees.

WASHINGTON UNIVERSITY CLINICS

Dr. Barr (*Chairman*), Drs. Fisher, Graham, Marriott, Schwarz, Burlingham, Dean, Lawrence, Post, Clopton, Lohr, Misses Baker, Ingram.

The *Advisory Board of the Clinics* is composed of the chiefs of each of the clinics and the Director of Social Service Department, Washington University Clinics and Allied Hospitals.

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Dr. Barr (*Chairman*), Drs. Alexander, Schwarz, Cooke, Lawrence, Burlingham, Cole, Mrs. Holland, Miss Baker, Mrs. Catlin, Mr. Van Schoiack.

ST. LOUIS CITY HOSPITAL

Dr. Dean (*Chairman*), Dr. Womack.

TRACHOMA RESEARCH

Dr. Julianelle (*Chairman*), Drs. Cowdry, Bronfenbrenner, Marriott, Post.

DEGREES CONFERRED

The degree of Doctor of Medicine was conferred upon the following, June 11, 1935:

NAME	INTERNSHIP
Abney, Mary Caroline, A.B., B.S. (Cum Laude)	Hospital of Woman's Medical College, Philadelphia, Pennsylvania
Allison, Lester Fischer, A.B.	St. Louis County Hospital, Clayton, Missouri
Ames, Richard Howell	Southern Pacific Hospital, San Francisco, California
Amlin, Kenneth Miller, A.B.	De Paul Hospital
Barnett, Floyd Aaron, A.B., B.S.	St. Louis City Hospital
Belsley, Frank Kelsey, B.S.	St. Louis City Hospital
Berman, William, A.B.	Jewish Hospital
Bishop, Don L., A.B.	University of Chicago Clinics, Chicago, Illinois
Bortnick, Arthur Robert	St. Louis City Hospital
Bradford, Bert, Jr., A.B., B.S.	University Hospitals, Cleveland, Ohio
Brown, Walter Earl, Jr., B.S.	Kansas City General Hospital, Kansas City, Missouri
Budke, Robert Julius	Missouri Baptist Hospital
Bullington, Bert Montell (Cum Laude)	Johns Hopkins Hospital, Baltimore, Maryland
Cariss, Daniel George	Deaconess Hospital
Caruso, Paul Felix, B.S.	Hackensack Hospital, Hackensack, New Jersey
Conrad, Raymond Clifford, A.B., B.S.	St. Anthony's Hospital, Oklahoma City, Oklahoma
Crigler, Ralph Ewing, B.S.	St. Luke's Hospital
Downing, Sam William, Jr., A.B., B.S.	St. Joseph's Hospital, Denver, Colorado
Echternacht, Arthur Paul, A.B.	St. Louis City Hospital
Eschenbrenner, Allen Bernard	Barnes Hospital
Farrington, Charles Temple, A.B., B.S.	St. Louis City Hospital
Fisher, Wilbur Graham, A.B.	Grant Hospital, Columbus, Ohio
Fiance, Israel Jerome, A.B.	Jewish Hospital
Fleishman, Alfred, B.S.	Jewish Hospital
Gluck, Roland, A.B.	Bushwick Hospital, Brooklyn, New York
Goldenberg, Max, B.S.	Jewish Hospital
Graul, Elmer George, B.S. (Cum Laude)	Barnes Hospital
Growdon, John Arthur, B.S.	Kansas City General Hospital, Kansas City, Missouri
Haffner, Heinz, B.S. (Cum Laude)	New York Hospital, New York, New York
Hamann, Carl Henry, A.B.	Mercy Hospital, Chicago, Illinois
Harris, Alfred William	St. Paul's Hospital, Dallas, Texas
Hartman, Paul Utley, A.B.	Los Angeles County Hospital, Los Angeles, California
Herrod, James Henry, A.B.	St. Joseph's Hospital, Kansas City, Missouri
Hoagland, Charles Lee, B.S. (Cum Laude)	Barnes Hospital
Hutto, Herman, A.B.	Missouri Baptist Hospital
Jensen, Nathan Kenneth (Cum Laude)	Barnes Hospital
Johnson, Norman Martin, A.B.	St. Louis City Hospital
Jones, Augustin, A.B.	Johns Hopkins Hospital, Baltimore, Maryland
Jones, John Ben, B.S.	St. Louis City Hospital
Katzeff, Jacob, B.S.	Jewish Memorial Hospital, New York, New York
Kellogg, Pearson Cameron, A.B.	Barnes Hospital
Kenamore, Bruce Delozier, A.B.	St. Luke's Hospital
Kimes, Ira David, A.B.	De Paul Hospital
King, Robert Victor, A.B., B.S.	Fitzsimmons General Hospital, Denver, Colorado
Kisner, Paul, B.S.	St. Louis City Hospital
Krause, Albert Henry, A.B., B.S. (Cum Laude)	St. Louis City Hospital
Lamberth, Wade Camdon, B.S.	St. Luke's Hospital
Lane, Henry John, A.B.	San Francisco Hospital, San Francisco, California
Langsam, Charles Lewis, B.S.	St. Anthony's Hospital, Oklahoma City, Oklahoma
Langston, Walter Roland, B.S., B.S. in Med.	St. Louis City Hospital
Larsen, Kenneth Victor, B.S.	St. Louis City Hospital
Loeffel, Ellen Shattuck, A.B.	Oklahoma University Hospital, Oklahoma City, Oklahoma
Martin, Bruce Carson (Cum Laude)	Barnes Hospital
Massie, Edward, A.B. (Cum Laude)	Barnes Hospital
Maughes, Sydney Brown, A.B.	Barnes Hospital
McAdam, Charles Rush, A.B.	St. Louis City Hospital
McArtor, Thomas Roscoe, B.S., B.S. in Med.	St. Luke's Hospital
McIlroy, Richard Harry, A.B.	Cincinnati General Hospital, Cincinnati, Ohio

Messer, Sidney, B.S.	
Needles, Joseph Herman, B.S.	Missouri Methodist Hospital, St. Joseph, Missouri
O'Heeron, Michael Kinney, A.B.	St. Louis City Hospital
Phillips, Allan B., A.B.	Barnes Hospital
Poe, John Seldon, A.B.	Deaconess Hospital
Porter, Clark Gardner, B.S.	St. Louis City Hospital
Potter, Reese Harris, A.B., B.S.	St. Louis City Hospital
Powers, Edward Sharp, B.S.	University of California Hospital, San Francisco, California
Pray, Laurence Gesner, A.B.	St. Louis City Hospital
Robinson, Frank Harbert, A.B.	St. Louis County Hospital, Clayton, Missouri
Rothman, David, B.S.	Jewish Hospital
Russo, Dominic Tom, A.B.	St. Anthony's Hospital, Oklahoma City, Oklahoma
Schmitt, Herbert Simon, B.S., M.S.	St. Paul's Hospital, Dallas, Texas
Schwartzmann, Bernard, A.B.	St. Louis City Hospital
Seddon, John Wickham, Ph.B.	Barnes Hospital
Senn, Emmett Jacob, A.B.	Lutheran Hospital
Senturia, Ben Harlan, A.B. (Cum Laude)	St. Louis City Hospital
Sheldon, Paul C., A.B.	St. Louis City Hospital
Soule, Emory Lowell, A.B.	St. Luke's Hospital, Denver, Colorado
Steiner, Alexander, B.S., M.S.	St. Louis City Hospital
Stephens, Robert Louis, A.B.	University Hospitals, Iowa City, Iowa
Stephens, William Alvin, A.B.	De Paul Hospital
Sutter, Richard Anthony, A.B.	St. Louis City Hospital
Swinney, Robert Harold, B.S. (Cum Laude)	Presbyterian Hospital, New York, New York
Tolle, Robert Leander, B.S.	St. Luke's Hospital
Vieaux, Julius Walker, B.S.	Wisconsin General Hospital, Madison, Wisconsin
Wallace, Edwin Sharp, B.S.	Kansas City General Hospital, Kansas City, Missouri
Wallace, William Stuart, A.B.	Geisinger Memorial Hospital, Danville, Pennsylvania
Weiner, David Otis, A.B.	St. Louis City Hospital
Wiesman, Irvin, B.S.	Jewish Hospital
Williams, John Wyley, A.B.	De Paul Hospital
Wilson, William Klnred, A.B.	Missouri Baptist Hospital
Wrenn, John Alexander, A.B.	St. Louis City Hospital
Wright, Robert Dean, A.B., A.M.	St. Louis City Hospital
	Total, 92

The degree of Bachelor of Science in Medical Science was conferred upon the following, June 11, 1935:

NAME	ADDRESS
Fleishman, Alfred	Granite City, Illinois
Graul, Elmer George	St. Louis, Missouri
Hoagland, Charles Lee	Carthage, Missouri
Langsam, Charles Lewis	Webster Groves, Missouri
Needles, Joseph Herman	New Athens, Ill.
Rothman, David	St. Louis, Missouri
Swinney, Robert Harold	Richfield, Idaho
Wallace, Edwin Sharp	Lexington, Missouri
Wiesman, Irvin	Granite City, Illinois
	Total, 9

PRIZES AWARDED AT COMMENCEMENT

June 11, 1935

GILL PRIZE IN PEDIATRICS

Ellen Morse Shattuck Loeffel, A.B.
Edward Massie, A.B.

GILL PRIZE IN ANATOMY

Joe Marion Parker, A.B., M.S.

ALPHA OMEGA ALPHA PRIZE

Robert Harold Swinney

HISTORICAL STATEMENT¹

On the 22nd of February, 1853, at the instance of Wayman Crow, Esq., a member of the State Senate, the Legislature of Missouri granted a charter to an educational institution to be located in the city of St. Louis, and to bear the name ELIOT SEMINARY, in honor of the Rev. William G. Eliot, of St. Louis.

The charter was to be perpetual, and no limitations were imposed, excepting those which forbade any sectarian or partisan instruction. The first meeting of the Corporation named in the charter of incorporation was held on the 22nd of February, 1854. In deference to the wishes of the Rev. Dr. Eliot, the name of the institution was changed. Since the charter had been granted on the 22nd of February, the birthday of Washington, and since the meeting of the Corporation for organization had also occurred on this same anniversary, the name of the institution was changed from Eliot Seminary to WASHINGTON INSTITUTE, which in 1857 became, by a change in the charter, WASHINGTON UNIVERSITY. It seemed to the founders that the name was significant of the character of the institution which they sought to found. The first Board of Directors was composed of seventeen well-known public spirited citizens of St. Louis, who were named in the charter, and who were given the power to fill vacancies in their number caused by death or resignation.

The St. Louis Medical College, founded in 1842, was admitted as a department of Washington University in 1891. In 1899 the Missouri Medical College, which had been founded in 1840, was united with the St. Louis Medical College to form the Medical School of Washington University.

In 1910 the Corporation of the University, appreciating the valuable service which a medical school can render to the community, with the coöperation of the Medical Faculty, reorganized the School in all departments and appointed heads of departments and instructors in anatomy, physiology, biological chemistry, pathology, medicine, surgery, and pediatrics, who devote themselves to teaching and research, and associated

¹ For a complete historical statement of all departments of the University, see catalogue of the College of Liberal Arts.

with this staff clinical instructors chosen from the medical profession of St. Louis.

In 1914 the Washington University School of Medicine moved from its old location on the corner of Eighteenth and Locust Streets to the new buildings facing Forest Park on the corner of Kingshighway Boulevard and Euclid Avenue. The three buildings of the School of Medicine form a part of a medical group, which includes in addition the Barnes Hospital, the St. Louis Children's Hospital, the St. Louis Maternity Hospital, the McMillan Eye, Ear, Nose and Throat Hospital, the Oscar Johnson Research Institute, and the Edward Mallinckrodt Institute of Radiology. The McMillan Eye, Ear, Nose and Throat Hospital, the Oscar Johnson Institute and the Edward Mallinckrodt Institute of Radiology are owned by the University. The Barnes Hospital, the St. Louis Children's Hospital and the St. Louis Maternity Hospital have entered into an affiliation with the School of Medicine by which the Faculty of the School of Medicine constitutes the medical staffs and supplies laboratory service. The hospitals permit the School of Medicine to use their wards for teaching and investigation.

CLINICAL FACILITIES

The affiliation of the Barnes Hospital, the St. Louis Children's Hospital, the St. Louis Maternity Hospital, the McMillan Eye, Ear, Nose and Throat Hospital, and the Oscar Johnson Institute, with the Washington University School of Medicine makes these institutions for teaching purposes integral parts of the School of Medicine. These hospitals offer opportunities for study and observation in every important branch of medicine, and are closely connected with the Clinics conducted by the University, which serve as the Out-Patient Department of the hospitals. This assures to the student unusual advantages in clinical work. The attending staffs of the University Hospitals consist of the heads of the University Departments of Medicine, Surgery, Obstetrics and Gynecology, Pediatrics, Ophthalmology, and Oto-Laryngology, with their associates and assistants.

Free and pay patients may be admitted to all of the hospitals in the University group, but every effort is made to prevent the pauperization of the individual, and patients who are able to pay are expected to meet the nominal rates in force.

In the hospitals there is adequate laboratory equipment for the investigations necessary in diagnosis. In addition to the

ward laboratories, there are special laboratories in all departments with facilities for research workers.

The Washington University School of Medicine has assumed the responsibility for the professional care of one-third of the patients in the two general hospitals conducted by the City of St. Louis. From 350 to 450 additional beds are thus made available.

The Washington University Clinics function as the out-patient departments of all the hospitals in the University group. The Clinics are housed in the basement and first floors of one of the medical school buildings and of the McMillan Hospital. The Heads of the clinical departments in the School of Medicine direct the corresponding departments in the Clinics.

LIBRARY OF THE SCHOOL OF MEDICINE

The Library is housed in one of the buildings of the School of Medicine and contains approximately 50,000 bound volumes and receives about 500 of the most important medical periodicals. The Library has been enriched by the acquisition of a number of private collections on medical history and on the various branches of clinical medicine.

The Beaumont Room, adjoining the main reading room, contains manuscripts, letters, and other valuable material of the pioneer American physiologist, William Beaumont, presented to the University by his granddaughter, the late Lily Beaumont Irwin.

REQUIREMENTS FOR ADMISSION TO SCHOOL OF MEDICINE

The first-year class is limited to eighty-two students. Since the number of applicants considerably exceeds the number who can be accommodated, those applicants are selected for acceptance who, on the basis of scholarship and other qualities, appear best fitted to take up the study of medicine. Applications for admission should be filed at as early a date as possible, and under all circumstances before April 1 of the year during which admission is sought. Applicants will be required to take the aptitude test of the Association of American Medical Colleges, except where specifically excused by the school. An applicant acceptable to the faculty is required to make a deposit of fifty dollars, which shall be in the hands of the Registrar within two weeks after notification of acceptance. This deposit of fifty dollars will be applied toward the first payment of tuition, and will not be returnable.

If a new student does not register on one of the days set aside for that purpose his place in the class may be given to some other applicant.

Students may be admitted to the first year class on compliance with the following requirements:

(1) The completion of college courses equivalent or approximately equivalent to those given in leading colleges or universities, leading to a Bachelor's degree. The college work must have included not less than the equivalent of 6 semester hours of English, 10 of German or French,¹ 15 of Chemistry (including elementary quantitative analysis and 4 in organic), 8 of General Physics and 8 of Zoölogy.

(2) A limited number of applicants from acceptable colleges who meet the minimum subject requirements mentioned above, but who have completed less than four years of college work, may be admitted if they have demonstrated exceptional

¹ In the case of students who present high school credits in French or German for entrance to college, the following college credits will be accepted, provided the college courses are in continuation of and do not duplicate the high school work:

Eight semester hours following one high school unit, six semester hours following two high school units, and four semester hours following three high school units.

Students having less than this credit may meet the requirement by passing an examination in French or German which will be given at the School of Medicine prior to registration.

aptitude, for the study of medicine as shown by high scholastic standing, by high scores on the medical aptitude test, and by the estimates of individual instructors.

Students accepted on this basis who present a total of not less than 90 semester hours, may receive the degree of Bachelor of Science in Medical Science under certain conditions (see page 41)

Consideration is given to the quality rather than the quantity of the student's preparation. Personality, background, health and initiative are all taken into consideration in selecting candidates.

The college course pursued by students intending to take up the study of medicine should include the following:

ENGLISH. Two years of English covering composition and rhetoric.

GERMAN OR FRENCH. It is highly desirable, if not essential, that students of medicine have such acquaintance with French and German as to enable them to read medical and scientific publications in these languages. Courses extending through two years are usually necessary to acquire a reading knowledge of either language.

PHYSICS. A course in general physics, including laboratory work, which should be largely quantitative in character.

CHEMISTRY. General inorganic chemistry, elementary quantitative analysis, and organic chemistry are required.

ZOOLOGY. Courses in general zoölogy, covering a study of the structure, functions, and life history of selected types of animal life. Unless these courses include embryology, a separate course in this subject is extremely desirable.

ELECTIVE COURSES

It is recommended that students preparing themselves for the study of medicine so arrange their courses as to acquire a more extensive knowledge of the subjects which are the foundation of the medical sciences than can be obtained in the courses included in the minimum requirement. The field covered by the practice of medicine and by the medical sciences is so broad that those whose special interests and capabilities lead them to an intensive study of either physics, chemistry, or biology are sure to find an application for the skill they acquire.

Chemistry has the greatest number of applications and students will therefore find it to their advantage, wherever pos-

sible, to add other courses in chemistry, particularly physical chemistry, to those previously mentioned.

Mathematics should be included as early as possible among the courses selected because it furnishes concepts fundamental to the other sciences. The necessary mathematical experience can be gained in a college course in mathematical analysis, supplemented by one in the elementary principles of the calculus.

Courses in psychology, general physiology, and general bacteriology will prove useful, but in general it is advised that the college period be devoted to the basic sciences and to the humanities. Those preparing to enter the medical profession should possess a liberal culture such as is gained from a thorough acquaintance with English literature and from a knowledge of history, the social sciences, and the classics. Special effort should be directed toward the acquirement of facility in English composition.

Formal application blanks will be furnished upon request. After supplying all information called for therein, the applicant should return the blanks and, in addition, should request the college which he has attended to send directly to the Registrar a statement of honorable dismissal, and complete official transcripts of high school and college credits, including the names and dates of all courses in which he has been enrolled, with the grades and credit received in each course. To aid in judging the fitness of an applicant, personal letters to the Dean from the student's science instructors, giving estimates of his ability, character, and personality, should also be submitted.

ADMISSION TO ADVANCED STANDING

Applications for advanced standing will be considered only insofar as there are vacancies in the advanced classes. Applications for advanced standing should be filed at as early a date as possible, and under all circumstances before March 1 of the year during which admission is sought. Only those students who have unconditional standing in the medical schools from which they seek to be accredited will be accepted for admission to advanced classes. An applicant acceptable to the faculty is required to make a deposit of fifty dollars, which shall be in the hands of the Registrar within two weeks after notification of acceptance. This deposit of fifty dollars will be applied toward the first payment of tuition, and will not be returnable.

Applicants for admission to advanced standing (1) must furnish evidence that the foregoing terms of admission in regard to preliminary training have been fulfilled; (2) must show that courses equivalent in kind and amount to those given in this School, in the year or years preceding that to which admission is desired, have been satisfactorily completed; and (3) in doubtful cases the student may be required to pass an examination in any of the subjects for which credit is sought. The applicant must have studied as a matriculated medical student in an acceptable medical school for a period of time at least equal to that already spent by the class to which admission is sought.

(a) Students who have received from an approved medical school credit for courses equivalent to those of the first year of this School in anatomy, chemistry, and physiology may be admitted to the second year class without examination, but at the discretion of instructors, may be examined in these subjects at the end of the second year. (b) Students who have received from an approved medical school credits in anatomy, chemistry, physiology, bacteriology, clinical chemistry and microscopy, pathology, and pharmacology may be permitted to enter the third year class, but no student may enter with a condition in any of these subjects. At the discretion of instructors, such students may be examined in any of these subjects at the end of the third year. (c) Students who have received credit from an approved medical school for all required courses given in this school in the first, second, and third years may be admitted to the fourth year class without examination, but all such students at the end of the year may be required to pass examinations covering any or all of the courses of the first, second, or third, as well as of the fourth year.

Graduates of other medical schools, who are permitted to enter this School with advanced standing as candidates for the degree are required (a) to pay the fees charged for the years in which they are in attendance, and (b) to fulfill the requirements for graduation, as stated in this announcement.

Applicants for advanced standing are required to furnish, in addition to the credentials required for admission, credentials from the medical school in which they have studied, enumerating all medical courses pursued and grades obtained,

and stating the dates of their registration as matriculated medical students.

ADMISSION OF GRADUATES IN MEDICINE

Graduate students may be admitted to the School on the following basis: (1) Those who may be qualified to participate in definite investigation, under the direction of a member of the staff, may, upon the written recommendation of the instructor in charge, endorsed by the head of the department, be accepted by the Faculty as volunteer research assistants and will not be charged fees. (2) Visiting graduates may, with the consent of the heads of the departments concerned, take special work in one or more departments without paying fees. (3) A limited number of graduate physicians, or others who may be qualified, may be admitted to courses with the undergraduate classes subject to the consent of the instructors and the head of the department. Fees for special courses, individual instruction, or material will be determined in each case by the Dean, in conference with the head of the department in which the work is done. (4) A number of special courses are being offered concerning which full information will be given upon request. (See page 74.)

STANDING AND PROMOTION

To enter any course, the student must have fulfilled the prerequisites of that course, as announced in the catalogue.

Examinations to determine standing and promotion will be held at the close of each academic year.

Students who at the end of the first or second year have recorded against them failures in any two of the following subjects, dissection, histology with neurology, physiology, biological chemistry, medicine, pathology, or bacteriology, will be required to withdraw from the School; or, under exceptional circumstances, the student may be allowed, instead, to pursue during one, two, or three trimesters additional work in the subjects in which he is deficient before being admitted to the next class.

To enter the third year, a student must have received credit for all of the courses named above.

A student who at the end of the third year has failed in any two major courses, will be required to withdraw from the School, or may be required to do additional work as above stated.

To enter the fourth year, a student must have received credit for all major subjects.

A student who, because of poor quality of work in courses or for any other reason, is judged by the Faculty as unfit for the practice of medicine, will be required to withdraw. A weighted average in any one year of less than 75 ordinarily will be regarded as indicative of unsatisfactory work. The registration of a student may be canceled at any time, if in the opinion of the University authorities his further attendance is deemed undesirable. In that case a pro rata refund of the tuition will be made.

The minimum time in which the courses required for the degree of Doctor of Medicine can be taken is four years.

Graduates of Washington University School of Medicine are exempt from the first and second examinations of the Conjoint Board of the Royal College of Physicians of London and the Royal College of Surgeons of England.

REQUIREMENTS FOR DEGREES

DOCTOR OF MEDICINE

The candidates must be more than twenty-one years of age and of good moral character. They must have attended not less than four annual courses of medical instruction as matriculated medical students, the last of which has been in this School. They must have taken all obligatory courses offered here, or their equivalent, and have received a satisfactory grade in the work of the entire four years. They must have discharged all indebtedness to the School, and must be present when the degree is conferred.

At the end of the fourth year every student who has fulfilled these requirements will be recommended for the degree of Doctor of Medicine.

BACHELOR OF SCIENCE IN MEDICAL SCIENCE

Students who present a total of not less than 90 semester hours for admission may receive the degree of Bachelor of Science in Medical Science after satisfactory completion of all required courses of the first and second years in the School of Medicine, and after the satisfactory conduct of an investigation in one of the medical sciences, and the preparation of an acceptable thesis which must be presented to the head of the department concerned by May 1st of the year the student is a candidate for the degree. Compliance with the last require-

ments for this degree will not usually be attained before the end of the third or fourth year.

HOSPITAL APPOINTMENTS

An internship in an approved hospital for one or more years is recognized as a necessary preparation for the practice of medicine and all members of the graduating class except those preparing for a career in laboratory work are expected to arrange for internships. During the first part of the senior year, students are expected to confer with the Intern Advisory Committee of the Faculty relative to the obtaining of suitable hospital appointments.

Internships in the hospitals affiliated with Washington University are available to those having had a consistently high record throughout the medical course. Appointments are made by the Intern Committee of the School during the month of December, each year.

PRIZES

TWO GEORGE F. GILL PRIZES are offered to the students of the School, viz.:

1. One prize of fifty dollars to be awarded at the end of the first year to the member of the class who shall have made the highest grade in anatomical work.

2. One prize of fifty dollars to be awarded to a member of the graduating class, of high general standing, who shall have done especially good work in the Department of Pediatrics.

A prize is offered by the Alpha Omega Alpha Fraternity, to be awarded at the end of the fourth year to the member of that class who shall have made the highest general average for the entire medical course.

LEO LOEB LECTURESHIP

The Mu Chapter of the Phi Beta Pi fraternity has established an annual lectureship in honor of Professor Leo Loeb.

FELLOWSHIPS, STUDENT ASSISTANTSHIPS, AND SCHOLARSHIPS

A SURGICAL FELLOWSHIP has been established in the Department of Surgery for special neurological work. The income of this fellowship is \$1,200.00 per year. Candidates for this fellowship must be graduates in medicine. Applicants who have had one year's internship are preferred.

STUDENT ASSISTANTSHIPS are open in a number of departments in the school. Information concerning these can be obtained from the heads of the departments concerned.

The GEORGE F. GILL SCHOLARSHIP, instituted in memory of the late Dr. George F. Gill, Clinical Professor of Pediatrics, entitles the holder to remission of the tuition fee to the amount of the scholarship, namely, \$100.00. Applications should be filed with the Dean.

THE ALUMNI SCHOLARSHIP AWARD of \$100.00 to be applied on the payment of the tuition fee is given for excellence in work during the scholastic year on the recommendation of the Committee on Loans and Scholarships of the School of Medicine and the President of the Medical Alumni Association. Applications should be filed with the Dean.

The DR. JOHN B. SHAPLEIGH SCHOLARSHIP. Through the bequest of the late Dr. John B. Shapleigh, supplemented by contributions of Mrs. John B. Shapleigh and Miss Margaret Shapleigh, the annual income from \$8,000.00 is used to pay the tuition of students who may be in need of assistance while attending the Washington University School of Medicine. The selection of the students to receive the benefit of such sum and the amount awarded such students are determined by the Chancellor of the University on the recommendation of the Dean and the Executive Faculty of the School of Medicine. Applications should be filed with the Dean.

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THE JACKSON JOHNSON FUND. Under the will of the late Jackson Johnson the sum of \$250,000.00 was donated to the School of Medicine, the income of which is to be used to aid worthy and desirable students in acquiring and completing their medical education. Loans are available to certain students in the upper three classes of the medical school who are considered deserving of loans on the basis of financial need, scholastic attainment and character. The loans are granted by the Chancellor on the recommendation of the Committee on Loans and Scholarships and the Dean of the School of Medicine.

The ELIZA McMILLAN STUDENT AID FUND. From the bequest of the late Mrs. Eliza McMillan, the annual income on \$7,000.00 provides a scholarship for a deserving woman student in the School of Medicine. Application is made to the Dean of the School of Medicine. The award is made by the Chancellor.

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The WASHINGTON UNIVERSITY MEDICAL ALUMNI ASSOCIATION LOAN FUND. The Washington University Medical Alumni Association has a loan fund and awards are made to worthy medical students upon application to the Chairman of the Committee on Loans and Scholarships of the School of Medicine or to the President of the Medical Alumni Association.

5240 The T. GRISWOLD COMSTOCK SCHOLARSHIPS. Through the bequest of the late Mrs. Marilla E. Comstock, the annual income from \$12,000.00 is used for two scholarships for students who otherwise would be unable to obtain a good medical education and who desire and intend to follow the practice of medicine and surgery. Application is made to the Dean of the School of Medicine. Awards are made by the Chancellor.

240 THE JOSEPH H. ROBLEE SCHOLARSHIPS. Through the gift of Mrs. Florence A. Roblee (Mrs. Joseph H. Roblee), the income from the Joseph H. Roblee Scholarship Endowment Fund of \$12,000.00 is to be used to maintain two scholarships annually. They are awarded by the Chancellor to qualified, worthy and deserving students in any division of the University.

REGISTRATION

Registration for the first half year, 1936-37, is scheduled for Tuesday, September 22, and Wednesday, September 23, 1936; for the second half year, Monday, February 1, and Tuesday, February 2, 1937. Hours for registration are 9 to 11:30 and 2 to 5 daily.

Previously matriculated students who fail to register on any of the days set aside for that purpose will be charged a fee of \$3.00.

FEES AND EXPENSES

The University reserves the right to change the fees herein stated at any time without notice. Whenever a change is made, it will become effective as to the next instalment for payment due from the student.

All fees and charges are payable in advance at the office of the Treasurer in Robert S. Brookings Hall, or at the office of the Registrar of the School of Medicine. No rebate of the tuition fee will be made for absence, whether such absence occurs at the beginning, middle, or end of the semester, except in cases of prolonged illness certified to by a physician. In such cases a partial refund may be made, which will not ex-

ceed one-half of the unexpired balance of the tuition for the term.

Checks should be made payable to Washington University.

MATRICULATION FEE

A matriculation fee of \$5.00 is required of all students upon initial registration.

TUITION FEE

The tuition fee is \$400.00, payable in two equal instalments, at the beginning of the first and second half years.

Students taking less than full work are charged \$50.00 for the first one hundred hours or less of work. Students taking more than one hundred hours of work pay \$40.00 for each additional hundred hours.

BREAKAGE DEPOSIT

Each student is required to deposit \$10.00 annually to cover breakage in the School of Medicine, clinics and hospitals. Any balance of this deposit will be returned at the end of each year. At any time the amount of breakage exceeds the amount of deposit an additional deposit will be called for. There are no other laboratory fees.

UNIVERSITY HEALTH SERVICE

A fee of \$4.00 annually is charged each student for medical health service.

A fee of \$10.00 a year, payable in two instalments, one at the beginning of each semester, is collected from each student enrolled in the School of Medicine. This fee, which is for the support of athletics and several other student activities, is under the control of the Board of Student Finances, and provides free admission to all athletic events and participation in certain other student activities. Students who have a Bachelor's degree are exempt from payment of the fee, but are given the privilege of paying it on the same basis as other students.

DIPLOMA FEE

The diploma fee for the degree of Doctor of Medicine is \$5.00 and for the degree of Bachelor of Science in Medical Science is \$3.00. These fees are payable before Commencement.

MICROSCOPES AND DIAGNOSTIC INSTRUMENTS

Each student entering the Freshman class is required to possess a standard microscope equipped with a sub-stage light.

All students are required to provide themselves with stethoscopes, ophthalmoscopes, otoscopes, hemocytometers, percussion hammers, tape measures, flashlights, head mirrors, and skin pencils as the need for them arises.

It is suggested that supplies and books be purchased at the school book store.

ESTIMATE OF EXPENSES

An estimate of the average annual expenses of a student in the School of Medicine, excluding the cost of clothes, laundry, microscope, and incidentals, is given below. Accounts will vary considerably, according to the individual.

Tuition	\$400.00
Breakage Deposit	10.00
Matriculation Fee (payable once)	5.00
Health Service Fee	4.00
Books and Instruments	\$ 50.00 to 100.00 ¹
Room and Board (from \$6.00 to \$15.00 a week)	210.00 to 500.00

Total, excluding clothes and incidentals. . \$679.00 to \$1,019.00

MEN'S DORMITORY OF THE SCHOOL OF MEDICINE

A dormitory building containing rooms for about sixty students is located on Forest Park Boulevard, in close proximity to Forest Park, one of the most attractive localities in the city. There is a tennis court in the rear of the building, and there are public golf links, tennis courts and baseball grounds in Forest Park. Each room is furnished with the following articles: a bed and mattress, one pillow, one table, two chairs, one chifforobe, costumer, toilet cabinet, student's lamp, two small rugs. Each occupant must furnish his own bed covering, consisting of sheets, pillow cases, counterpanes, and blankets.

The rental of a room is \$85.00 an academic year, payable in two instalments in advance, at the beginning of the first trimester and on February 1. Reservations are made upon the express understanding that the applicant agrees to occupy the room reserved until the close of the ensuing academic year. Application for reservation should be made to the Registrar of the School of Medicine, and must be accompanied by a reservation fee of \$10.00. This fee will be returned, should the room not be assigned, but it will not be refunded for any

¹ This figure does not include microscope.

other reason. If a room is assigned, the fee will not apply on the room rent, but will be held by the University to cover losses resulting from possible damage to the room or to the furniture. Any portion not so used will be refunded.

GENERAL PLAN OF INSTRUCTION

Instruction in the School of Medicine is given to candidates for the degree of Doctor of Medicine and to graduate students who may or may not be candidates for higher degrees. Courses which are open to students in the University, not candidates for the degree of Doctor of Medicine, are listed in the announcements of the College of Liberal Arts and of the School of Graduate Studies.

The course of study required of candidates for the degree of Doctor of Medicine extends over a period of at least four academic years, and is designed for students who have already received certain preliminary training. As stated in detail on p. 36, the student on entering the School must have a knowledge of chemistry, physics, biology, English and either German or French.

The academic year, extending from the last week of September to the first week of June, is divided into either semesters or trimesters. The required work keeps the student occupied for about thirty hours each week, and demands outside preparation. As far as possible the work is so arranged as to leave free several half days each week, during which time those students who profitably can are encouraged to take extra work in the subjects of their greatest interest. To meet this demand, suitable optional courses are offered by each department in the school.

The curriculum, covering four years, is divided into two distinct periods.

The first period includes the first and second years. During this time the student studies the fundamental sciences of anatomy, biological chemistry, physiology, bacteriology, pathology, and pharmacology. For this first period, the whole interest of the student is concentrated on the scientific basis of medicine, and every effort is made to train the faculty of critical and independent observation. Anatomy and biological chemistry are studied during the first year. In the second semester of this year, the study of physiology begins. During the first trimester of the second year physiology and bacteriology are completed; and during the remainder of the year

the major portions of the courses in pharmacology and pathology are given, and physical diagnosis, medical observation, clinical chemistry and microscopy, and surgical technic are introduced, in preparation for the clinical work of the second period.

The second period, extending through the last two years, is devoted primarily to clinical work. For the first half of this period, the student receives practical clinical instruction in the out-patient departments of medicine, surgery, and obstetrics, and attends clinics, lectures, and recitations in the clinical subjects. The work in the out-patient departments occupies from six to eight hours per week. Patients are examined by the student and treated under the direction of the attending staff. During the second half of this period, the students are assigned to the various wards of the hospitals, and each section of the class serves in the wards of medicine, surgery, and obstetrics and pediatrics, respectively. During the second period courses are given in neurological pathology, surgical and gynecological pathology, and operative surgery on animals. Special emphasis is placed upon diagnosis and treatment of patients. There are few purely didactic lectures. Instruction is given at clinics and at the bedside. Clinical work in the specialties is confined to the second half of the second period.

In addition to the prescribed studies, the student may acquire during the course of the four years credit for three hundred hours in elective work. This credit may be acquired at any time, but the schedule of the fourth year is so arranged as to make its acquisition possible without undue crowding during that year. Students may devote this time to clinical courses in the out-patient department or avail themselves of the opportunity to further any special interests they may have in any one of the fundamental sciences or clinical subjects. For detailed statements of elective courses, see page 88.

With the approval of the head of the department concerned, a limited number of well qualified students may be allowed to complete their clinical clerkships, work in the clinics, or other elective work during the summer months. Students are encouraged to make use of the opportunities offered during the summer months which are equal to those of the school year.

SUMMARY OF THE MEDICAL CURRICULUM, 1935-36

FIRST YEAR		SECOND YEAR	
SUBJECT	HOURS	SUBJECT	HOURS
Dissection	395	Physiology	184
Histology	201	Bacteriology	168
Neuroanatomy	100	Immunology	44
Biological Chemistry..	264	Pathology	311
Physiology	64	Pharmacology	110
.....	Medicine	209
.....	Surgery	55
.....
Total	1024	Total	1081
THIRD YEAR		FOURTH YEAR	
SUBJECT	HOURS	SUBJECT	HOURS
Pathology	55	Pathology	22
Medicine	231	Medicine	297
Neur. & Psychiatry ..	110	Neurology	55
Dermatology	11	Surgery	231
Surgery	291	Ostetrics and	
Obstetrics and		Gynecology	176 ¹
Gynecology	110	Pediatrics	66
Ophthalmology	11	Ophthalmoscopy	12
Oto-Laryngology	22	Electives	300
Pediatrics	88		
Pharmacology	22	Total	1159
Public Health	33		
Medical			
Jurisprudence	11		
Stomatology	11		
Anatomy	22		
.....		
Total	1028		

¹ In addition, each student is required to attend twelve deliveries.

COURSES OF INSTRUCTION

ANATOMY

(The Department of Anatomy includes Gross Anatomy, Cytology and Neurology.)

PROFESSORS TERRY, COWDRY; ASSOCIATE PROFESSORS TROTTER, SCOTT, O'LEARY; ASSISTANT PROFESSORS WILLIAMS, SEIB; INSTRUCTORS SLOCUMB, CHARLES; STUDENT ASSISTANTS RECTOR, BINGHAM, MILLER

FIRST YEAR

1. HUMAN DISSECTION. The course offers opportunity for the systematic study of the gross structure of the human body. Each student is provided with material for the preparation and study of the integuments; muscles, joints, and skeleton; the viscera; the vascular system and peripheral nerves; sense organs. Lectures, demonstrations, and recitations serving to emphasize and correlate the observations made in the laboratory follow the practical work. Anatomy of the living, clinical and autopsy demonstrations and the study of X-ray films are included in the course. Dissection 12 hours a week in the first trimester; 9 hours in the second and third. Lectures twice a week throughout the year. 395 hours.

(Professor Terry, Professor Trotter, Professor Williams,
Professor Seib, Dr. Charles)

2. HISTOLOGY. A laboratory course occupying five mornings a week during the first trimester. The skin is first studied as a protective investment and a mechanism of adjustment between the delicate tissues beneath and the environment. The respiratory, digestive, supportive, and muscular tissues are then considered. Emphasis is finally placed upon the blood, the organs of internal secretion, and the reproductive systems. There are two lectures a week and many informal discussions in the laboratories. Each student is provided with a loan collection of selected preparations; but experiments are made whenever possible and much time is devoted to the examination of living cells in different stages of functional activity. 201 hours.

(Professor Cowdry, Professor Scott, Professor O'Leary)

3. NEUROLOGY. A laboratory course occupying six mornings a week during the first half of the second trimester. Following a short survey of the development of the nervous system, the gross and microscopic anatomy of the brain and

spinal cord are studied, placing particular emphasis upon the functional significance of the parts. Gross dissections are carried out upon sheep and human brains, and each student is provided with a loan collection of cell and fiber preparations through selected regions of brain and cord. Two weekly lectures are devoted to topics not easily accessible to the student; and discussions precede the daily laboratory work. 100 hours.

(Professor O'Leary, Professor Cowdry, Professor Scott)

THIRD YEAR

4. **ANATOMICAL DEMONSTRATIONS.** This course provides a review of regions and structures at the time when students are entering upon their clinical work and is intended to stimulate using their preclinical foundation in this work. Demonstrations two hours a week during the second trimester. 22 hours.

(Dr. Charles)

ELECTIVE COURSES

5. *Topographical Anatomy.* Laboratory study of topographical anatomy may be undertaken at any time during the year. Sections, museum preparations, and models are used as material for study. Hours to be arranged. (Dr. Slocumb)

6. *Advanced Study and Research in Gross Anatomy and Physical Anthropology.* Opportunity is offered undergraduates and graduates in medicine for advanced laboratory study of selected topics. Investigation in anatomy may be carried on both in the School of Medicine and in the School of Graduate Studies. Hours to be arranged.

(Professor Terry, Professor Trotter, Professor Williams)

7. *Advanced Work in Histology, Cytology, Embryology, and Neurology.* A study of the literature on certain selected problems, and laboratory work, including the preparation of material for microscopic study. Hours to be arranged.

8. *Research.* Properly qualified students will be given opportunity to carry on investigations in the fields of Histology, Cytology, Embryology, and Neurology.

10. *Graduate Courses in Anatomy and in Cytology, including the seminar.* See Bulletin of Washington University School of Graduate Studies.

BIOLOGICAL CHEMISTRY

PROFESSOR SHAFFER; ASSISTANT PROFESSORS ETHEL RONZONI BISHOP, URBAN, WENDEL; INSTRUCTORS FREIBERG, PREISLER; ASSISTANT LITTLE

FIRST YEAR

3. **BIOLOGICAL CHEMISTRY.** A systematic course of lectures, recitations, conferences, and laboratory work covering those portions of the subject which are of the greatest importance to the student of medicine. The laboratory work includes detailed study of the chemistry of fats, carbohydrates, and proteins; the analysis of the more important animal tissues and fluids; a study of the action of enzymes; the conduct of metabolism experiments by the student upon himself as illustrating some of the principles of nutrition; a study of the composition of important foods; and extended practice in chemical technique. Each student prepares a thesis upon a selected topic from original sources in the literature. Prerequisite: courses in inorganic and organic chemistry and quantitative analysis. Second semester, lectures and recitations five hours, and laboratory eleven hours a week. Lectures and recitations 81 hours, laboratory 183 hours.

(Professor Shaffer, Professor Ronzoni-Bishop,
Professor Urban, Professor Wendel, Dr. Preisler)

ELECTIVE COURSES

4. *Advanced Work.* Courses of laboratory work and selected reading will be arranged to suit individual needs.

(4b) *Methods of Analysis.* (Professor Shaffer)

(4c) *Respiratory Metabolism.*
(Professor Ronzoni-Bishop)

(4d) *Physical Chemistry, as applied to biology.*
(Professor Urban)

5. *Research.* The facilities of the department are available to students qualified to undertake investigation in biological chemistry.

6. *Journal Club.* Conducted jointly by the Departments of Physiology, Pharmacology, and Biological Chemistry. Meetings at which papers of current journals are presented and discussed. Open to students who have credit in physiology or biological chemistry. Once a week throughout the year.

PHYSIOLOGY

PROFESSOR ERLANGER; ASSOCIATE PROFESSORS H. LESTER WHITE,
GILSON; INSTRUCTORS PEUGNET, EDGAR A. BLAIR

FIRST AND SECOND YEARS

2. PHYSIOLOGY. Lectures. This course is designed especially to meet the needs of students of medicine, but is open to properly prepared graduate students. It consists of lectures, demonstrations and recitations covering systematically the field of human physiology. As far as practicable the lectures are descriptive of experiments demonstrated in the lecture room. Free use is made of charts, models, lantern slides, and records for the purpose of bringing to the attention of the student the experimental basis of those phases of the subject that do not lend themselves readily to experimental demonstration. Weekly recitations are held upon the subject matter of the lectures. The lectures begin in the second semester of the first year and are continued during the first trimester of the second year. Properly prepared graduate students and, under exceptional circumstances, medical students, will be permitted to begin the course at the opening of the college year. The course is so arranged that students are enabled to acquire some knowledge of the anatomy, embryology, histology, neurology and biological chemistry of topics before their physiological aspects are considered. The following subjects are covered in the lectures; Muscle and nerve, central nervous system, senses, blood, circulation, respiration, secretion, digestion, nutrition, and reproduction. Only those students will be admitted to the course who have completed or have begun the study of anatomy and biological chemistry. 110 hours.

(Professor Erlanger, Professor White,
Professor Gilson, Dr. Peugnet, Mr. Blair)

SECOND YEAR

3. PHYSIOLOGY. Laboratory Course. This course must be taken in conjunction with Physiology 2. The experiments are so arranged as to serve at one and the same time to elucidate fundamental principles of physiology and to familiarize the student with the more important bio-physical methods employed in experimental physiology and medicine. The class works in groups of two. Each group has its individual table, which is supplied with all the apparatus necessary for the performance of the general experiments. To the groups is assigned in rotation the apparatus needed for the performance

of special experiments. As far as practicable the students serve as subjects of the special experiments and study upon themselves by quantitative methods certain phases of the physiology of muscle and nerve, and of the circulation, respiration, central nervous system, and sense organs. The instruction in the laboratory is largely individual. Weekly conferences are held for the discussion and correlation of the experimental data. First trimester. 138 hours.

(Professor Erlanger, Professor White, Professor Gilson
Dr. Peugnet, Mr. Blair)

ELECTIVE COURSES

4. *Demonstration Methods.* This course is designed primarily for students preparing to teach physiology, and who may desire a wider experience in experimental physiology than can be gained in Courses 2 and 3. It consists mainly of experiments demonstrated in Course 2. The time and the amount of work are not limited, except that assistance must be arranged for by definite engagements.

5. *Research.* The facilities of the laboratory will be offered to qualified students for the investigation of their own problems or of problems which the department is prepared to suggest.

6. *Journal Club.* The Journal Club, conducted conjointly by the Departments of Biological Chemistry, Pharmacology, and Physiology, discusses papers of physiological interest appearing in the current journals. This course is open to properly prepared students only. Once a week throughout the year.

BACTERIOLOGY AND IMMUNOLOGY

PROFESSOR BRONFENBRENNER; ASSISTANT PROFESSOR DONALD HETLER;
INSTRUCTORS VARNEY, TSUCHIYA; ASSISTANTS MEHRTEN, HERSHEY,
HARFORD; STUDENT ASSISTANTS GILL, SILVERGLADE, SULKIN

SECOND YEAR

1. BACTERIOLOGY. Lectures and Laboratory. This course embraces a survey of the field of bacteriology from the biological point of view. The metabolism of bacteria and its relation to toxin production and infection is given special attention.

In the laboratory the methods of morphological and cultural recognition of bacteria are emphasized. Fifteen hours a week the first trimester. 168 hours.

(Professor Bronfenbrenner, Professor Hetler, Dr. Varney)

2. INFECTION AND IMMUNITY. Lectures on the mechanism of infection and immunity. The changes which occur in blood as the result of immunization will be studied in the laboratory. One lecture and three hours of laboratory work each week during the second trimester. 44 hours.

(Professor Bronfenbrenner, Professor Hetler,
Dr. Varney)

ELECTIVE COURSE

Research. The facilities of the laboratory are open to those properly qualified for research in Bacteriology and Immunology.
(Professor Bronfenbrenner and Staff)

PUBLIC HEALTH

PROFESSOR BRONFENBRENNER; ASSISTANT PROFESSOR DONALD HETLER;
INSTRUCTORS VARNEY, TSUCHIYA; LECTURERS BLEYER, WILLETT

THIRD YEAR

1. PUBLIC HEALTH. Lectures upon the modes of transmission and prevention of infectious diseases, personal hygiene, sanitation, and other subjects bearing upon the maintenance of public health are given once a week during the first trimester and twice a week during the second trimester. 33 hours.
(Professor Bronfenbrenner and Staff)

ELECTIVE COURSE

Public Health Field Work. This is corollary to the basic Public Health course as given to third year medical students. The course consists of field trips and illustrated lectures covering public health, industrial, administrative, and other establishments whose activities are of interest to physicians and public health workers, and of a sanitary survey. The class meets on Friday afternoons during the second trimester.

(Professor Hetler, Dr. Varney)

PATHOLOGY

EDWARD MALLINCKRODT PROFESSOR LOEB; ASSOCIATE PROFESSOR
MCCORDOCK; ASSISTANT PROFESSORS SIEBERT, MARGARET G.
SMITH; LECTURER POTE; ASSISTANTS SAXTON, ESCHEN-
BRENNER, SCHMECKEBIER, HOAGLAND; STUDENT
ASSISTANT MASON

SECOND YEAR

1. PATHOLOGY. Prerequisite courses for pathology are represented by the required work in anatomy, biological chem-

¹ Resigned September 1, 1935.

istry and bacteriology. Students in the School of Graduate Studies whose major work lies in biology may elect pathology as a minor at the discretion of the department concerned. The course is subdivided as follows:

(a) LECTURES AND LABORATORY WORK. Instruction includes lectures, demonstrations, recitations, discussion of recent literature, and work in the laboratory. General pathology will be taught by lectures and demonstrations given in association with the study of the gross and histological characters of lesions. Pathological histology will be studied by means of sections specially prepared which are loaned; students are urged to describe and to draw the lesions they find. Some familiarity with the literature of pathology will be obtained by reports upon special topics made by members of the class during one hour each week in the second trimester. Lectures and laboratory work, eleven hours a week in the second trimester and thirteen hours in the third trimester. 256 hours. (Professor Loeb, Professor McCordock, Professor Siebert, Professor Smith)

(b) RECITATIONS. The work of each week is reviewed by recitations, in which effort is made to determine how accurately the student has grasped the subjects studied in the laboratory. Two hours a week in the second trimester and one hour a week in the third trimester. 33 hours.

(Professor Loeb and Staff)

(c) CONDUCT OF AUTOPSIES. Students are instructed in the methods of postmortem examination, and in small groups attend autopsies, participate in the microscopic study of the specimens and prepare records of the autopsies.

(Professor Loeb, Professor McCordock, Professor Siebert, Professor Smith)

SECOND AND THIRD YEARS

1. (d) GROSS PATHOLOGY. Fresh pathological tissues are demonstrated to the class divided into small sections, and students study by personal contact the lesions which occur. Fresh material is supplemented by organs preserved as museum specimens. By means of sections prepared by freezing, the relation of gross to histological changes is defined. Two hours once a week during the third trimester of the second year and

two hours once a week during the first trimester of the third year. 44 hours.

(Professor McCordock, Professor Siebert, Professor Smith)

THIRD AND FOURTH YEARS

2. **CLINICAL AND PATHOLOGICAL CONFERENCE.** The clinical history and treatment of patients who have died is discussed before the class by the physicians and surgeons of the departments concerned. The specimens and microscopical slides from the corresponding autopsies are reviewed with reference to the clinical histories. The important gross and microscopical lesions are illustrated by lantern slides. One hour a week during five trimesters. 55 hours.

(Professor McCordock, Professor Siebert, Professor Smith)

ELECTIVE COURSES

3. *Research.* The laboratory offers facilities for research in pathology. Specialists and students with adequate training who desire to extend their knowledge of pathology will be admitted.

(Professor Loeb)

4. *Seminar* for the discussion of Research. A limited number of students can be admitted. Two hours weekly.

(Professor Loeb)

THE EDWARD MALLINCKRODT DEPARTMENT OF PHARMACOLOGY

PROFESSOR CARL F. CORI; ASSISTANT PROFESSOR HELEN TREDWAY GRAHAM; INSTRUCTOR ROBERT E. FISHER; ASSISTANT A. DEM. WELCH; RESEARCH FELLOW GERTY T. CORI

SECOND AND THIRD YEARS

1. **PHARMACOLOGY.** (a) Lectures, recitations, and demonstrations covering the general field of pharmacology. The action of each of the chief medicinal drugs on the individual organs or functions of the body is studied in detail, the subject matter of the lectures being correlated with the work of the laboratory. Attention is given to the methods of diagnosis and treatment of poisoning by the commoner drugs. The application of pharmacological principles to clinical medicine is emphasized. Students are required to familiarize themselves with prescription writing and the dosage of the more important preparations. Prerequisite, Anatomy, Biological Chemistry, and Physiology 2 and 3. Courses (a) and (b) are

required of medical students, but course (a) may be taken alone by special students. Four hours a week during the second trimester of the second year and two hours a week during the second trimester of the third year. 66 hours.

(Professor Cori, Professor Graham)

(b) **LABORATORY COURSE.** Students work in small groups and complete sets of apparatus for the individual experiments are supplied to each group of students. The course is arranged to demonstrate the pharmacological action of the more important drugs, and at the same time to familiarize the student with methods and processes used in experimental pharmacology. The chemical reactions of groups of drugs and important compounds are studied briefly. Complete records of each experiment, giving all the data which do not lend themselves readily to graphic methods, are kept by the students and filed together with the tracings in permanent note books. Six hours a week during the second trimester of the second year. 66 hours.

(Professor Cori, Professor Graham)

ELECTIVE COURSES

2. *Advanced Work.* This is arranged to suit individual needs. Opportunity is offered for the extensive study of any special group of drugs desired. In addition students may elect work in toxicology. Hours and details of the work to be arranged.

3. *Research.* The facilities of the laboratory are available to those who wish to carry on original investigation, on problems of their own or on those the department is prepared to suggest.

4. *Journal Club.* Conducted jointly by the Departments of Physiology, Biological Chemistry and Pharmacology. A discussion of papers appearing in the current journals. Open to students who have credit in physiology or biological chemistry. Once a week throughout the year.

THE JOHN T. MILLIKEN DEPARTMENT OF MEDICINE

(The Department of Medicine includes Internal Medicine, Neurology and Psychiatry, and Dermatology.)

BUSCH PROFESSOR BARR; PROFESSOR ALBERT E. TAUSSIG; ASSOCIATE PROFESSORS ELMER, H. L. ALEXANDER, SINGER, OLMSTED, LUTEN, LARIMORE; ASSISTANT PROFESSORS EWERHARDT, BULGER, LAWRENCE, THOMPSON, KOUNTZ; CHEMIST WENDEL; INSTRUCTORS BAUMGARTEN, COOK, SALE, LOUIS H. HEMPELMANN, FISCHER, GORHAM, EYERMANN, STRAUSS, GRANT, CAMPBELL, CADDY, ALFRED GOLDMAN, LIGGETT, DUDEN, JENSEN, BREDECK, DAY, HEIDEMAN, RUSK, STROUD, AITKEN, JEAN, MACBRYDE, FINDLEY, BROMBERG; ASSISTANTS GAY, ABEL, BECKE, COHEN, SENTURIA, WIESE, RICHMAN, GILLILAND, GLASSBERG, GLAZE, MEHRLEN, MILTON SMITH, LEE B. HARRISON, O'BYRNE, BARGER, CANNADY, GOTTLIEB, MILLER, NEWMAN, PLUMPE, SHIRLEY, SKILLING, SEIBEL, HENDERLITE, CHARLES, HARFORD, BARRETT TAUSSIG, MANSEBACHER, MYERS, GOODMAN, JEKEL, BAUERLEIN¹, WILSON¹, ORGEL¹, BEAM², STAEBLE², KUTTNER²;
STUDENT ASSISTANT RAY D. WILLIAMS

SECOND YEAR

1. **ELEMENTARY MEDICINE.** (Introductory Clinic.) The observation and interpretation of symptoms and signs in ward and clinic patients with special reference to pathological physiology and anatomy and their relation to diagnosis. Two hours a week during the second and third trimesters. 44 hours.

(Professor Barr, Professor Schwab, Professor Bulger, Dr. Jensen, Dr. MacBryde)

2. **PHYSICAL DIAGNOSIS.** Lectures, demonstrations, and practical exercises in the technique of physical diagnosis and in the interpretation of the signs elicited by inspection, palpation, percussion, and auscultation in health. Four hours a week during the second trimester. 44 hours.

(Professor Elmer and Assistants)

3. **ABNORMAL PHYSICAL DIAGNOSIS.** Lectures, demonstrations, and practical exercises in the technique of physical examination of the patient. Three hours a week during the third trimester. 33 hours. (Dr. Aitken and Assistants)

4. **CLINICAL CHEMISTRY AND MICROSCOPY.** A series of lectures and a laboratory course in methods of microscopic and chemical diagnosis. The subjects are the urine, blood, stomach contents, sputum, faeces and puncture fluids. Material is obtained from cases in the hospital and clinics. Considerable

¹ Effective January 1, 1936.

² Effective March 4, 1936.

reading is required outside of laboratory hours. Eight hours a week during the third trimester of the second year. 88 hours. (Professor Thompson, Dr. Bredeck, and Assistants)

THIRD YEAR

6. MEDICINE. One-third of the junior class is assigned to the Department of Medicine during each trimester. This group is assigned to the wards of Barnes Hospital where students are given practice and instruction in history taking, physical examination and elementary diagnosis. There is also special instruction in metabolic diseases, in cardiology in diseases of the gastro-intestinal tract and in laboratory technique. Two hours five days a week for one trimester. 110 hours.

(Professor Barr and Staff)

7. THERAPEUTICS. A course designed to give students a general survey of the methods and the principal agencies employed in the treatment of disease. One hour a week during the second trimester. 11 hours.

(Professor Barr, Professor Ewerhardt)

8. DIETETICS. Lectures and recitations upon foods, beverages and condiments in health and disease. One hour a week during the second and third trimesters. 22 hours.

(Professor Olmsted)

9. MEDICINE RECITATION. The class is divided into groups for discussion and recitation upon reading assigned in a textbook of medicine. Special emphasis is placed upon therapeutics and the principal instruction in special treatment of separate diseases is given in this course. Two hours a week throughout the year. 66 hours.

(Dr. Grant, Dr. Goldman)

10 (c). MEDICINE. 33 hours. (See under Fourth Year.)

FOURTH YEAR

10. MEDICINE. The course is subdivided as follows:

(a) One-third of the senior class is assigned to the Department of Medicine during each trimester. This group is subdivided into three parts, one of which is assigned to the wards in Barnes Hospital and two are assigned to the Clinics. Rotation is arranged so that each student has experience in all services.

The students in the clinics act as physicians under the supervision of consultants who review with them the cases which they have investigated. The work is so arranged that each student will serve in the clinic for general medicine and in at least one medical specialty. Attendance is required of the clinic groups during the entire morning six days a week; afternoons are free for electives. The students assigned to the Ward act as clinical clerks. With the exception of the noon clinics, their entire day is spent in the wards and their duties differ little from those of Junior internes. They are assigned cases for complete work-up and study. Their patients are examined in ward rounds. The work of the section is criticised and methods of diagnosis and treatment are discussed and special reading is assigned. The specimens from autopsied patients are studied with reference to clinical history and the gross and microscopic anatomy. 231 hours.

(Professor Barr, Professor Alexander and Staff)

(b) Clinical Conferences. Patients whose cases have been investigated by students working in the wards are presented before the class, and diagnosis, pathology, and treatment are discussed from various points of view. Once a week for one year. 33 hours.

(Professor Barr, Professor Alexander, Professor Taussig)

(c) A weekly clinic in which a series of subjects, such as gastro-intestinal diseases, arterial hypertension, disturbances of internal secretions, pulmonary tuberculosis, and the mechanism of the heart beat are presented. Therapy of the conditions presented is particularly emphasized. 33 hours.

(Professor Smith, Professor Olmsted, Professor Singer,
Professor Luten, Professor Larimore)

(d) Clinical and Pathological Conferences. Students attend these conferences during their third and fourth years. The staffs of the various clinical departments and of the Department of Pathology participate in giving this course. (See Pathology 2.)

ELECTIVE COURSES

13. *Diagnosis and Treatment of Diseases of the Digestive Tract.* The course consists of history taking and physical diagnosis of the abdomen, including radiology, fluoroscopy, plate reading, sigmoidoscopy, etc. Hours by arrangement.

(Professor Larimore)

14. *Diagnosis and Treatment of Heart Disease.* A practical course in the diagnosis and treatment of cardiac disorders with special emphasis on clinical methods. Electrocardiography and Roentgenology will be considered in their relation to clinical cardiology. Open to a limited number of students. Hours by arrangement. (Dr. Strauss and Staff)

15. *Applied Immunology.* Open to a limited number of students. Hours by arrangement. (Professor Alexander)

16. *Diagnosis and Treatment of Thoracic Diseases.* Course consists of a special study of obscure thoracic conditions; the use of pneumothorax, lipiodol, postural drainage and fluoroscopy. Especial attention given to the diagnosis of surgical diseases of the chest. Course open to limited number of students. (Professor Singer, Dr. Goldman)

NEUROLOGY AND PSYCHIATRY

PROFESSOR SCHWAB; ASSISTANT PROFESSOR JONES; INSTRUCTORS CARR, KUBITSCHKE, BECKMANN¹, SATTERFIELD; ASSISTANTS KENDALL, TUREEN

THIRD YEAR

1. NEUROLOGY.

(a) Introductory course in neurology and psychiatry, lectures, and demonstrations in clinical anatomy and physiology of the nervous system. Methods of neurological examination, history taking, study of case histories, etc. One hour a week, first and second trimesters. 22 hours. (Professor Schwab)

(b) Neuropathology. Laboratory demonstration of the material covered in Course (a), with a study of gross and microscopic lesions of the nervous systems, fibre tracts, etc. Exercises in examination and description of microscopic preparations of the more common diseases of the nervous system. Two hours a week, first semester. 22 hours. (Dr. Tureen)

(c) Neurological Clinic. The diagnosis and treatment of neuroses from the standpoint of psycho-biology. Case material and clinic patients are used for purposes of discussion. Two hours a week for one trimester. 22 hours.

(Dr. Satterfield)

2. CLINICAL PSYCHIATRY. Psychoses and neuroses are discussed with case presentation at the City Sanitarium. Neu-

¹ On leave of absence 1935-36.

roses are presented in the third trimester using illustrative case histories. Two hours a week during the first and third trimesters. 44 hours. (Dr. Jones)

FOURTH YEAR

3. NEUROLOGY.

(a) Neurological ward rounds with the medical group. Neurological and such psychiatric cases as are suitable for hospital treatment are studied. Two hours a week for one trimester for each medical group. 22 hours.

(Professor Schwab, Dr. Carr)

(b) Neurological Conference. A series of clinical demonstrations before the whole class in which all available types of nervous and mental diseases found in the hospital are discussed. One hour a week for three trimesters. 33 hours.

(Professor Schwab)

ELECTIVE COURSE

5. Correlation of medical and neurological problems with clinical demonstrations and case reports. One hour per week during the third trimester to senior students. 11 hours.

(Dr. Carr)

DERMATOLOGY

PROFESSOR MARTIN F. ENGMAN; ASSISTANT PROFESSOR WEISS;
INSTRUCTORS CONRAD, COLEMAN, LANE, MARTIN F. ENGMAN, JR.;
ASSISTANTS ESKELES, KILE¹

THIRD YEAR

(a) DERMATOLOGY. A lecture course on diseases of the skin and on syphilis, by which the student is prepared to understand clinical dermatology in the succeeding year. This course is a general survey of the etiology, symptomatology, pathology, and treatment of skin diseases and the history and pathology of syphilis. Third trimester. 11 hours.

(Professor Engman)

FOURTH YEAR

(b) *Dermatology*. An elective course, conducted in the Clinics, in which the student examines patients and is instructed in the diagnosis and treatment of diseases of the skin.

¹ Effective November 13, 1935.

Ten hours a week for one-third trimester. 34 hours. Other hours by arrangement.

(Professor Engman, Professor Weiss, Dr. Conrad,
Dr. Coleman, Dr. Lane, Dr. Engman, Jr.)

THE MARY CULVER DEPARTMENT OF SURGERY

(The Department of Surgery includes General Surgery, Orthopedic Surgery, Neurological Surgery, and Genito-Urinary Surgery.)

BIXBY PROFESSOR EVARTS A. GRAHAM; PROFESSORS SACHS, SEELIG, CAULK, VILRAY P. BLAIR, CLOPTON, KEY; ASSOCIATE PROFESSOR COPER; ASSISTANT PROFESSORS WILLARD BARTLETT, ARTHUR O. FISHER, STONE, ALLEN, ROSE, COLE, OLCH¹, ELMAN, HEINBECKER, CREGO, J. BARRETT BROWN; INSTRUCTORS RAINEY, J. EDGAR STEWART, THEODORE P. BROOKES, JOSTES, KLEMMME, WOMACK, DEAKIN, SANFORD, WILHELMI, HENRY S. BROOKES, JR., PROBSTEN; ASSISTANTS WALTON, KEYES, ROBERT BARTLETT, BYARS, PITTMAN, CANNON, FURLOW, RICHARDSON, ROBERT S. SMITH, PATTON, WILSON, CABITT², THIEME, BRICKER, REYNOLDS, W. R. SMITH, ROWLETTE; FELLOWS SAMUEL R. SNODGRASS, TARLOV, THOMPSON, BLADES

SECOND YEAR

1. INTRODUCTION TO SURGERY. A laboratory, demonstration and lecture course in which are studied certain fundamental processes of physiology and pathology as applied to surgery. Special emphasis is laid on the growth of tissues, with particular reference to wound healing and transplants, the effects of tissue asphyxia and similar subjects. Attention is directed to a study of the processes involved rather than merely to the end results. The students also test and practice various methods of sterilization of hands, instruments, etc., using bacterial cultures as checks on the methods. The course includes the demonstration of patients who illustrate various points under discussion. Five hours weekly during the third trimester. 55 hours.
(Professor Heinbecker)

THIRD YEAR

2. SURGERY. The course is subdivided as follows:

(a) SURGICAL OUT CLINIC. For one trimester, five times weekly, a third of the class serve as dressers in the Surgical Out Clinic. Cases are examined by the students and demonstrated to them. Under the supervision of the assistants, the

¹ Resigned January 1, 1936.

² Resigned September 15, 1935.

students take histories and apply dressings and bandages. 110 hours.

(Professor Sachs, Professor Copher, Professor Cole and Others)

(b) SURGICAL RECITATIONS. A weekly discussion during the first and second trimesters on assigned surgical reading. The principles of surgery and many of the more common surgical conditions are considered extensively. Mimeographed outlines are used to guide the student and the standard text books together with selected articles from the recent literature are freely consulted. The class is divided into two sections for this course. 22 hours.

(Professor Cole, Professor Elman)

(c) FRACTURES. Demonstrations, conferences, and lectures on the more common fractures. Patients both in the hospitals and in the clinic will be used in this course. One hour weekly during the third trimester. This course is supplemental to the experience in fracture work which the student will obtain in the following year while acting as a clinical clerk and at the student conferences at the City Hospital. 11 hours.

(Professor Key, Professor Copher and Dr. Stewart)

(d) OPERATIVE SURGERY. A three-hour exercise given weekly during the third trimester. Course is given in two sections, each section working one-half a trimester. Actual case histories are discussed, and the operations indicated from these discussions are performed on animals by the students. The surgical technique is as rigid as in the operating room, and it is required that the operations shall be performed without pain to the animals. 16 hours.

(Professor Fisher and Dr. Womack)

(e) SURGICAL CLINIC. A weekly clinic throughout three trimesters. See course 4 (b). 33 hours. (Professor Graham)

(f) SURGICAL CONFERENCE. The pathology, diagnosis, and treatment of surgical conditions, illustrated by patients, are discussed. A weekly exercise during three trimesters. 33 hours.
(Professor Sachs)

(g) GENITO-URINARY SURGERY. Lectures and recitations in genito-urinary surgery. Third trimester. 11 hours.

(Professor Caulk)

3. SURGICAL PATHOLOGY. A weekly exercise of two hours for three trimesters, at which specimens from the operating

room and from the museum are studied in gross and microscopically. Case histories are presented with the specimens. Each student is given a collection of about one hundred slides illustrating the common surgical pathological disorders. 66 hours. (Dr. Womack, Dr. Walton)

FOURTH YEAR

4. SURGERY. The course is subdivided as follows:

(a) SURGICAL WARDS. For one trimester the student serves as assistant in the surgical wards from 9 a. m. to 12 m. six days a week. Conferences on selected patients are held from 9 to 10 a. m. General and special surgical cases are discussed by the Chief and members of his staff. The students, under the direction of the house staff, take case histories and make physical examinations and the usual laboratory examinations. They assist at some of the operations and do some of the surgical dressings. Students who are especially interested may apply and receive instruction in practical anesthesia. Otherwise the practical instruction in this subject is left to the interne year. The students also attend autopsies performed on the cases studied by them and are required to be present at the weekly pathological conference at which these cases are discussed. (See Pathology 2). One day each week the group spends the period from 9 a. m. to 12 m. at the St. Louis Children's Hospital, where orthopedic cases and general surgical cases are demonstrated. On Friday morning the surgical group attends ward clinics and demonstrations at City Hospital No. 1. 198 hours.

(Professor Graham and Staff)

(b) SURGICAL CLINIC. A weekly exercise throughout three trimesters. Students of the fourth year examine the patients and present the cases for discussion. Students of the third year attend this exercise. 33 hours. (Professor Graham)

6. ORTHOPEDIC SURGERY. Instruction is given at the Barnes Hospital, at the St. Louis Children's Hospital and at the Shriners' Hospital, as described in course 4 (a).

(Professor Key)

ELECTIVE COURSES

5. *Genito-Urinary Out Clinic*. Elective course. The student serves as dresser in the Genito-Urinary Out Clinic six hours a week for one-third trimester under the same conditions as in Course 2. 22 hours. Other hours by arrangement.

(Professor Caulk and Assistants)

9. *Neurological Surgery.* Eleven lectures in the first trimester of the fourth year. The lectures comprise a review of the anatomy and physiology of the nervous system as applied to neuro-surgery and a discussion of the principal conditions encountered in neurological surgery.

(Professor Sachs, Dr. Furlow)

10. *Postoperative Care.* Eleven lectures and demonstrations in the third trimester of the fourth year. Both the normal and complicated postoperative developments are discussed.

(Professor Allen)

11. *Research in Surgery.* Specially qualified students are encouraged to undertake research in problems bearing on surgery in the laboratories of the department.

12. *Staff Meeting.* Approved students may attend, without receiving credit, the staff meeting, which meets weekly, at which topics of interest, recent surgical pathological material, and current surgical literature are discussed.

13. *Tumor Clinic.* Approved students may attend, without receiving credit, the weekly staff tumor clinic in the Barnes Hospital.

(Professor Copher)

14. *Surgical Pathology.* Approved senior students may elect to take additional work in surgical pathology. The amount of credit depends upon the amount of time and the quality of the work done by the student.

(Dr. Womack)

RADIOLOGY

PROFESSOR SHERWOOD MOORE; CONSULTING PHYSICIST HUGHES;
ASSOCIATE PROFESSOR LARIMORE; INSTRUCTORS ZINK,
SCOTT, ARNESON

ELECTIVE COURSE

Principles of Roentgenology. A course of lectures and demonstrations for fourth-year students. Three one-hour periods per week for one-half trimester. 16 hours.

(Professor Moore, Dr. Zink, Dr. Scott)

OPHTHALMOLOGY

PROFESSORS LAWRENCE T. POST, SHAHAN, WIENER; ASSOCIATE PROFESSOR WILLIAM F. HARDY; ASSISTANT PROFESSORS WOODRUFF, M. HAYWARD POST, JACOBS, SCHWARTZ, LAMB, ALVIS; INSTRUCTORS POOS, JAMES, HILDRETH, BEISBARTH; LECTURER MASON; ASSISTANTS NAPIER, GUERDAN HARDY, HAWKINS, LANGE, CRAWFORD, CALHOUN, MEINBERG, TROWBRIDGE

THIRD YEAR

1. OPTHALMOLOGY. One lecture a week is given in the third trimester. 11 hours. (Professor Wiener)

FOURTH YEAR

2. OPTHALMOSCOPY. Dark-room demonstrations to small groups are given in the fourth year. 12 hours. (Professor M. H. Post, Dr. Beisbarth)

3. *Elective Course in Clinical Ophthalmology*. Practical instruction in diagnosis and treatment of eye diseases is given to small sections of the class. Ten hours a week for one-third trimester. 34 hours.

(Professor Lawrence Post, Professor Jacobs, Professor Schwartz, Professor Alvis, Dr. Hildreth)

OTO-LARYNGOLOGY

PROFESSORS DEAN, BUNCH; ASSOCIATE PROFESSORS LYMAN, PROETZ; ASSISTANT PROFESSORS ARBUCKLE, ALDEN, KELLEY, HANSEL, HOURN, GUGGENHEIM, McMAHON, BIRSNER, COSTEN; CHEMIST WENDEL; INSTRUCTORS WENNER, CONE, ROSSLENE A. HETLER¹, WOLFF, VOTAW; ASSISTANTS HANSON, FREIMUTH, GAGE, GLICK, POTTER, BOEMER, BUHRMESTER, NEMOURS, SCHERRER, PFINGSTEN, STUTZMAN, LLOYD LINTON, JANET ALEXANDER

THIRD YEAR

1. LARYNGOLOGY AND RHINOLOGY. Twenty-two lecture hours given during the third trimester. 22 hours. (Professor Dean and Staff)

FOURTH YEAR

- Oto-Laryngology*. Elective course. Instruction is given to small sections of the class. Ten hours a week for one-third trimester. 34 hours.

(Professor Dean, Professor Bunch, Professor Lyman, Professor Arbuckle, Professor Proetz, Professor Kelley, Professor Hansel, Dr. Votaw, Dr. Gage, Dr. Potter, Dr. Glick, Dr. Boemer)

¹ Resigned September 30, 1935.

OBSTETRICS AND GYNECOLOGY

PROFESSORS OTTO H. SCHWARZ, FREDERICK J. TAUSSIG, GELLHORN¹,
ASSOCIATE PROFESSORS ROYSTON, NEWELL; ASSISTANT PROFESSORS
MCNALLEY, O'KEEFE, PADDOCK, KREBS, T. KENNETH BROWN;
INSTRUCTORS SCHLOSSSTEIN, VAUGHAN, SPIVY, ROBERT J. CROSSEN,
DRABKIN, WEGNER, HOBBS, LIESE, DUDLEY R. SMITH, SOULE,
ARNESON; ASSISTANTS CANEPA, VOGEL, MYRON W. DAVIS, BALAZS,
ROBLEE, ARTZ, MORRIN, SCRIVNER, O'NEILL, FRANCES H. STEWART,
PLANT, WASSERMAN, GIBSON, WULFF, KLEINE, L. E. PATTON, MAX

THIRD YEAR

1. OBSTETRICS AND GYNECOLOGY.

(a) Obstetrics Recitations and Demonstrations. This course consists of recitations and demonstrations based upon assigned reading of a prescribed textbook, and deals with the physiology and pathology of pregnancy, labor, and the puerperium. One hour a week throughout the year. 33 hours.

(Professor Paddock)

(b) Obstetrical and Gynecological Histology and Pathology. This course consists of a review of the histology of the pelvic organs. Ovulation, menstruation, fertilization, and development of the ovum are covered in this course. Specimens illustrating numerous gynecological and obstetrical pathological lesions are studied both grossly and microscopically in connection with their clinical histories. Four hours a week for eleven weeks (in sections of one-third of the class). 44 hours.

(Professor Schwarz, Dr. Hobbs, Dr. Drabkin)

(c) Clinical Lectures on Selected Gynecological Subjects. One hour a week during the second trimester. 11 hours.

(Dr. R. J. Crossen)

(d) Gynecological and Obstetrical Diagnosis (Clinic). One sub-section (one-sixth of the class) works in the Clinic under supervision and receives instruction in pelvic examination. At the same time the other sub-section (one-sixth of the class) works in the prenatal clinic. Two hours a week for eleven weeks (in sections of one-third of the class). 22 hours.

(Professor O. Schwarz, Professor Brown, Professor
Krebs, Dr. D. R. Smith, Dr. Wegner, Dr. Davis,
Dr. Hobbs, Dr. Liese, Dr. Soule)

FOURTH YEAR

2. OBSTETRICS AND GYNECOLOGY.

(a) Attendance on Obstetrical Cases. The obstetrical service furnishes more than 1,600 cases (about 1,200 hospital and

¹ Died January 25, 1936.

about 400 out-clinic cases). The students attend these cases personally during delivery and visit them during the lying-in period. All work is done under the supervision of instructors. Attendance on these cases is required during the five and one-half weeks' period that the student is assigned to Obstetrics during his fourth year. Twelve cases are required for each student. Students are urged to volunteer for obstetrical outpatient duty during the summer vacation between the third and fourth years, as the required number of cases cannot be obtained during the assigned five and one-half weeks' period.

(Professor O. Schwarz, Professor Brown, Dr. Wegner,
Dr. Hobbs, Dr. Soule)

(b) Clinical Lectures on Selected Obstetrical and Gynecological Topics. One hour a week during the second trimester. 11 hours.

(Professor O. Schwarz, Professor H. Crossen and
Associates)

(c) Obstetrical Ward Work. Sections composed of one-sixth of the class act as clinical clerks in the St. Louis Maternity Hospital for a period of five and one-half weeks. The members of these sections, under the guidance of instructors, participate in the entire work of the division; they take histories and make examinations (including those of the laboratory); make ward rounds; assist at major obstetrical operations; attend clinical conferences and manikin practice.

(Professor O. Schwarz, Professor Taussig, Professor
McNalley, Professor Royston, Professor Ehrenfest,
Professor Brown, Dr. Wegner)

(d) Gynecological Ward and Clinic Work. Sections composed of one-twelfth of the class work in the Gynecological Division of the Barnes Hospital for a period of three weeks. The members of these sections, under guidance of instructors, participate in the entire work. They take histories and make examinations (including those of the laboratory); make ward rounds, and attend the diagnostic and operative clinics. 55 hours.

(Professor O. Schwarz, Professor H. Crossen, Professor
Taussig, Professor Newell, Professor Royston,
Professor O'Keefe, Dr. R. J. Crossen)

ELECTIVE COURSES

(a) *Obstetrical Clinic*. An elective course in which a small section of the class receives practical instruction in the pre-

natal clinic eight hours a week for one-third trimester. 27 hours. Other hours by arrangement. This work can also be taken in the summer months. (Dr. D. R. Smith and Staff)

(b) Positions are available for students who wish to give their entire elective time to research work in Obstetrics and Gynecology. Each student selected for this work will be under the direct supervision of a member of the department.

THE EDWARD MALLINCKRODT DEPARTMENT OF PEDIATRICS

PROFESSORS MARRIOTT, VEEDER; ASSOCIATE PROFESSORS COOKE, HARTMANN,
THEODORE C. HEMPELMANN; ASSISTANT PROFESSOR McCULLOCH;
INSTRUCTORS BLEYER, PARK J. WHITE, ZENTAY, KUBITSCHKE,
RUPE, BAIN, PERLEY, LAWRENCE GOLDMAN; ASSISTANTS
LONSWAY, COLGATE, ROHLFING, MCLOON, DEUTCH,
BAUER, FREDERICK A. JACOBS, LONDE,
STANLEY HARRISON

THIRD YEAR

1. PEDIATRICS. Physical diagnosis as applied to infants and children. Bedside instruction to small groups of students in the wards of the St. Louis Children's Hospital. Two hours a week for one trimester. 22 hours. (Professor McCulloch)

2. PEDIATRICS. A systematic course in General Pediatrics. Recitations, lectures, clinical demonstrations, and discussions of case histories. The subjects considered include the growth and development of the normal child; hygiene and preventive medicine as applied to children; nutrition and feeding, especially of infants; the more important diseases of infants and children; the contagious diseases. Two hours a week for three trimesters. 66 hours.

(Professor Marriott, Professor Cooke)

FOURTH YEAR

3. PEDIATRIC WARD WORK. Examination of assigned cases in the wards of the St. Louis Children's Hospital and the St. Louis Isolation Hospital. Discussion of diagnosis and treatment. Individual instruction in preparation of milk formulas, examination of throat cultures, and such procedures as lumbar puncture, intubation, administration of antitoxin, vaccination, etc. Daily for five and one-half weeks. 33 hours.

(Professor Veeder, Professor Cooke, Professor Hartmann,
Professor Hempelmann, Dr. Bain, Dr. Zentay
Dr. Goldman, Dr. Harrison)

4. **PEDIATRIC CLINIC.** A weekly amphitheater clinic or lecture is held throughout the school year. Demonstration of selected cases from the hospital, clinic, or Child Guidance Clinic. Lectures on Child Psychology and behavior problems. 33 hours. (Professor Marriott, Dr. Kubitschek)

5. **CLINICAL AND PATHOLOGICAL CONFERENCES.** This course is given jointly by the Clinical Departments and the Department of Pathology. Each student is supplied with the clinical histories of the cases coming to autopsy. The pathological material is demonstrated and the cases discussed from the clinical and pathological sides. Approximately one-third of the course is devoted to pediatric cases. (See Pathology 2.)

ELECTIVE COURSES

6. *Clinical Clerkships.* Students work in the wards two hours each morning and in the Pediatric Out-Patient Department two hours four afternoons a week for three weeks. In the wards the clinical clerks attend general ward rounds twice a week, and are assigned cases for detailed study, which are presented to the group for discussion. They also attend a weekly clinical conference and weekly pathological conference.

In the Pediatric Clinic each student takes histories and makes the examination of assigned cases under the supervision of the staff physicians. 60 hours.

(Professor Cooke, Professor Hartmann)

7. *Research.* Properly qualified students may engage in clinical or laboratory research under the direction of the Pediatric staff. Hours by arrangement.

8. *Advanced Work.* The facilities of the department are available to qualified students who desire to do additional or advanced work in the St. Louis Children's Hospital, St. Louis Isolation Hospital, Child Guidance Clinic, the Clinic or in the laboratories of the department. Hours to be arranged.

TRACHOMA COMMISSION

ASSOCIATE PROFESSOR JULIANELLE (Chairman of the Commission);
INSTRUCTOR R. WENDELL HARRISON; ASSISTANT MORRIS

A Commission for the study of trachoma and allied diseases has been maintained at Washington University since October, 1930. The scientific work of the Commission is supported by a grant from the Commonwealth Fund. The Commission oc-

cupies laboratories in the Oscar Johnson Institute. Its object is to investigate the nature, cause and treatment of trachoma and the differentiation of trachoma from clinically related diseases. The Trachoma Commission enjoys the advantages of close cooperation with the various departments of the Medical School as well as with the U. S. Trachoma Hospital at Rolla, Missouri, which is under the supervision of Dr. C. E. Rice.

MISCELLANEOUS COURSES

MEDICAL JURISPRUDENCE

A course given in the third year embracing medical evidence and testimony; expert testimony; dying declarations; rights of medical witnesses; establishing identity from living and dead bodies; sudden death from natural causes and by violence; criminal acts determined by medical knowledge; the legal relation of physician to patients and the public; insanity, and malpractice. 11 hours. (Mr. James M. Douglas)

STOMATOLOGY

Lectures and demonstrations. The relation between stomatology and the other branches of medicine is considered. Third trimester, third year. 11 hours. (Dr. Virgil Loeb)

PHYSICAL THERAPEUTICS

Lectures and demonstrations of corrective physical exercise, massage, hydrotherapy, electrotherapy and heliotherapy. 8 hours. (Professor Ewerhardt)

PROFESSIONAL CONDUCT AND MEDICAL ECONOMICS

An elective course in which the following subjects are discussed: the young physician and his problems; group medicine and specialization; ethical relations between physicians; organized medicine; birth control; quackery, fads, and cults; medical finance; industrial and contract practice; "systems" of practice in other countries; health insurance plans. 10 hours. (Dr. Park J. White)

POST-GRADUATE COURSES

During the year courses in the following subjects are offered to a limited number of registered practitioners of medicine or graduates in medicine who are not registered practitioners:

PEDIATRICS. A four-weeks' course in Infant Feeding and Diseases of Childhood is offered twice a year, in April and October.

OBSTETRICS AND GYNECOLOGY. A four-weeks' course in Obstetrics and Diagnostic Gynecology is offered once a year, beginning in May.

INTERNAL MEDICINE. A two-weeks' review course in Internal Medicine is offered once a year.

SURGERY. A two-weeks' "brushing up" course in Surgery is offered once a year, beginning in April.

OPHTHALMOLOGY AND OTOLARYNGOLOGY. A one-week's course in Ophthalmology and Otolaryngology is offered once a year.

OTOLARYNGOLOGY. A four-weeks' intensive course in Diseases of the Ear, Nose and Throat is offered once a year, beginning in June. The following short courses lasting from three to six days are offered also: The Displacement Method of Sinus Diagnosis and Treatment (April); Allergy as Related to Otolaryngology (August); The Surgical Anatomy of Operative Procedures of Otolaryngology (November).

For full information in regard to these courses, address the Dean, Washington University School of Medicine.

WASHINGTON UNIVERSITY SCHOOL OF MEDICINE
Schedule of First Year. September 24-December 12, inclusive

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BULLETIN OF WASHINGTON UNIVERSITY

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WASHINGTON UNIVERSITY SCHOOL OF MEDICINE
Schedule of First Year. December 14-January 30, inclusive

1936-37

HOURS	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
9 to 10	Neurology Lectures and Laboratory Anatomy 3					
10 to 11						
11 to 12						
12 to 1			Anatomy Lecture Anatomy 1			Anatomy Lecture Anatomy 1
2 to 3	Dissection Anatomy 1		Dissection Anatomy 1		Dissection Anatomy 1	
3 to 4						
4 to 5						

WASHINGTON UNIVERSITY SCHOOL OF MEDICINE

1936-37

Schedule of Second Year. First Trimester

HOURS	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
9 to 10	Bacteriology Laboratory B. and I. 1	Bacteriology Lecture B. and I. 1	Bacteriology Laboratory B. and I. 1	Physiology Conference Physiology 3	Bacteriology Laboratory B. and I. 1	Physiology Lecture Physiology 2
10 to 11						
11 to 12		Bacteriology Recitation B. and I. 1				
12 to 1	Physiology Lecture Physiology 2	Physiology Lecture Physiology 2	Bacteriology Lecture B. and I. 1	Physiology Laboratory Physiology 3	Physiology Lecture Physiology 2	
2 to 3		Bacteriology Laboratory B. and I. 1			Physiology Laboratory Physiology 3	
3 to 4						
4 to 5						

WASHINGTON UNIVERSITY SCHOOL OF MEDICINE
Schedule of Second Year. Second Trimester

1936-37

HOURS	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
9 to 10	Pathology Laboratory Pathology 1a	Introductory Clinic Medicine 1	Pathology Laboratory Pathology 1a	Pharmacology Lecture Pharmacology 1a	Pathology Laboratory Pathology 1a	Pharmacology Lecture Pharmacology 1a
10 to 11		Infection and Immunity Lecture B. and I. 2		Pharmacology Laboratory Pharmacology 1b		Introductory Clinic Medicine 1
11 to 12		Pharmacology Lecture Pharmacology 1a				Pathology Recitation Pathology 1b
12 to 1						
1 to 2			Infection and Immunity Laboratory B. and I. 2			
2 to 3	Pharmacology Lecture Pharmacology 1a	Pharmacology Laboratory Pharmacology 1b		Pathology Recitation Pathology 1b		
3 to 4	Physical Diagnosis			Physical Diagnosis Medicine 2		
4 to 5	Medicine 2					

WASHINGTON UNIVERSITY SCHOOL OF MEDICINE
Schedule of Second Year. Third Trimester

1936-37

HOURS	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
9 to 10	Pathology Laboratory Pathology 1a	Introductory Clinic Medicine 1	Pathology Laboratory Pathology 1a	Abnormal Physical Diagnosis Medicine 3	Pathology Laboratory Pathology 1a	Pathology Recitation Pathology 1b
10 to 11		Clinical Microscopy Medicine 4				Pathology Lecture Pathology 1a
11 to 12						
12 to 1						
2 to 3			Clinical Microscopy Medicine 4	Clinical Microscopy Medicine 4	Introductory Clinic Medicine 1	
3 to 4		Introduction to Surgery			Introduction to Surgery Surgery 1	
4 to 5		Surgery 1		Surgery Clinic Surgery 1		

WASHINGTON UNIVERSITY SCHOOL OF MEDICINE
Schedule of Third Year. First Trimester

1936-37

HOURS	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
9 to 10	Pediatrics Clinical Confer. Pediatrics 2	Medicine Recitation Medicine 9	Pediatrics Clinical Confer. Pediatrics 2	Medicine Recitation Medicine 9	Obstetrics Recitation Ob. and Gyn. 1a	Neurology Lecture and Neuro- Pathology Neurology 1a and 1b
10 to 11	Group A Medicine 6 Group B Surgery 2a	Group A Medicine 6 Group B Surgery 2a	Group A Medicine 6 Group B Surgery 2a	Group A Medicine 6 Group B Surgery 2a	Group A Medicine 6 Group B Surgery 2a	
11 to 12	Group C Ob. and Gyn. 1b	Group C $\frac{1}{2}$ Neurology 1c $\frac{1}{2}$ Pediatrics 1	Group C Ob. and Gyn. 1b	Group C $\frac{1}{2}$ Neurology 1c $\frac{1}{2}$ Pediatrics 1	Psychiatry 2	
12 to 1	Surgery Recitation Surgery 2b	Surgery Clinic Surgery 2e		Surgery Confer. Surgery 2f		Medicine Clinic Medicine 10c
2 to 3	Group C Ob. and Gyn. 1d	Gross Pathology Pathology 1d	Surgical Pathology Surgery 3	Public Health B. and I. 3		
3 to 4						
4 to 5	Clinical Patho- logical Confer. Pathology 2					

WASHINGTON UNIVERSITY SCHOOL OF MEDICINE

1936-37

Schedule of Third Year. Second Trimester

HOURS	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
9 to 10	Pediatrics Clinical Confer. Pediatrics 2	Medicine Recitation Medicine 9	Pharmacology Lecture Pharmacology 1a	Medicine Recitation Medicine 9	Obstetrics Recitation Ob. and Gyn. 1a	Neurology Lecture Neurology 1a
10 to 11	Group A Ob. and Gyn. 1b	Group A $\frac{1}{2}$ Neurology 1c $\frac{1}{2}$ Pediatrics 1	Group A Ob. and Gyn. 1b	Group A $\frac{1}{2}$ Neurology 1c $\frac{1}{2}$ Pediatrics 1	Group B Medicine 6	Pediatrics Clinical Confer. Pediatrics 2
11 to 12	Group B Medicine 6	Group B Medicine 6	Group B Medicine 6	Group B Medicine 6	Group C Surgery 2a	Therapeutics Medicine 7
	Group C Surgery 2a	Group C Surgery 2a	Group C Surgery 2a	Group C Surgery 2a		
12 to 1	Surgery Recitation Surgery 2b	Surgery Clinic Surgery 2e	<i>Dietetics</i>	Surgery Conference Surgery 2f	Pharmacology Lecture Pharmacology 1a	Medicine Clinic Medicine 10c
2 to 3	Gynecology Lecture Ob. and Gyn. 1c	Public Health B. and I. 3	Surgical Pathology	Group A Ob. and Gyn. 1d		
3 to 4	Dietetics Medicine 8	Anatomy 4	Surgery 3			
4 to 5	Clinical Patho- logical Confer. Pathology 2		Public Health B. and I. 3	Anatomy 4		

WASHINGTON UNIVERSITY SCHOOL OF MEDICINE
Schedule of Third Year. Third Trimester

1936-37

HOURS	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
9 to 10	Pediatrics Clinical Confer. Pediatrics 2	Medicine Recitation Medicine 9	Laryn. & Rhin. Lecture Oto-Laryn. 1	Medicine Recitation Medicine 9	Obstetrics Recitation Ob. and Gyn. 1a	Pediatrics Clinical Confer. Pediatrics 2
10 to 11	Group A Surgery 2a	Group A Surgery 2a	Group A Surgery 2a	Group A Surgery 2a	Group A Surgery 2a	Genito-Urinary Surgery Lecture
	Group B Ob. and Gyn. 1b	Group B $\frac{1}{2}$ Neurology 1c	Group B Ob. and Gyn. 1b	Group B $\frac{1}{2}$ Neurology 1c	Group C Medicine 6	Surgery 2g
11 to 12	Group C Medicine 6	$\frac{1}{2}$ Pediatrics 1 Group C Medicine 6	Group C Medicine 6	$\frac{1}{2}$ Pediatrics 1 Group C Medicine 6	Psychiatry 2	
12 to 1	Fractures Surgery 2c	Surgery Clinic Surgery 2e	Dietetics Medicine 8	Surgery Conference Surgery 2f		Medicine Clinic Medicine 10c
2 to 3	Dermatology Lecture Dermatology a	Laryn. & Rhin. Lecture Oto-Laryn. 1	Operative Surgery Surgery 2d	Group B Ob. and Gyn. 1d	Surgical Pathology Surgery 3	
3 to 4	Ophthalmology Lecture Ophthal. a	Stomatology				
4 to 5	Clinical Pathological Conference Pathology 2		2 Sections $\frac{1}{2}$ trimester each		Medical Jurisprudence	

WASHINGTON UNIVERSITY SCHOOL OF MEDICINE

1936-37

Schedule of Fourth Year: Group A, First Trimester; Group B, Second Trimester; Group C, Third Trimester

HOURS	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
9 to 12	Medicine 10. Ward Work, Barnes Hospital, or Out Patient Work, Clinics. Neurology 3. Neurological Ward and Out Patient Work.					
12 to 1	Neurology Clinic Neurology 3b	Surgery Clinic Surgery 4b	Pediatric Clinic Pediatrics 4	Medicine Clinic Medicine 10b	Ob. and Gyn. 2b Lecture II Trimester	Medicine Clinic Medicine 10c
2 to 4	$\frac{1}{3}$ Group. Ward Work, Barnes Hospital. $\frac{2}{3}$ Group. Elective Work.					
4 to 5	Clinical Pathological Conference Pathology 2 I & II Trimesters	1	1	1	1	

¹ Electives.

WASHINGTON UNIVERSITY SCHOOL OF MEDICINE

1936-37

Schedule of Fourth Year: Group B, First Trimester; Group C, Second Trimester; Group A, Third Trimester

HOURS	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
9 to 12	Surgery 4a. Ward Work, Barnes or St. Louis Children's Hospital. Surgery 6. Orthopedic Surgery, Barnes or St. Louis Children's Hospital.					
12 to 1	Neurology Clinic Neurology 3b	Surgery Clinic Surgery 4b	Pediatric Clinic Pediatrics 4	Medicine Clinic Medicine 10b	Ob. and Gyn. 2b Lecture II Trimester	Medicine Clinic Medicine 10c
2 to 4	1					
4 to 5	Clinical Pathological Conference Pathology 2 I & II Trimesters	1	1	1	1	

¹ Electives.

WASHINGTON UNIVERSITY SCHOOL OF MEDICINE

1936-37

Schedule of Fourth Year: Group C, First Trimester; Group A, Second Trimester; Group B, Third Trimester

HOURS	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
9 to 12	Section 1. Ob. and Gyn. 2c. Ward Work, St. Louis Maternity Hospital: 9-10. Section 2. { Pediatrics 3. Ward Work, St. Louis Children's Hospital: 9-10. { Group A. Ob. and Gyn. 2d. Ward Work, Barnes Hospital: 10-12. { Group B. Elective Work:* 10-12. Sections change at the middle of the trimester.					
12 to 1	Neurology Clinic Neurology 3b	Surgery Clinic Surgery 4b	Pediatric Clinic Pediatrics 4	Medicine Clinic Medicine 10b	Ob. and Gyn. 2b Lecture II Trimester	Medicine Clinic Medicine 10c
2 to 4	Section 1. Obstetrics 2c. Ward Work, St. Louis Maternity Hospital. Section 2. { Ophthalmoscopy, Wednesday or Thursday. { Group A. Ob. and Gyn. 2d. Four days a week. { Group B. Elective Work.* Four days a week.					
4 to 5	Clinical Pathological Conference Pathology 2 I & II Trimesters					

* Students electing Pediatrics 6 must take this course during the time that they are assigned to Pediatrics 3, Ward Work.

ELECTIVES — 1936-37

Opportunity for elective work is offered to the students throughout the course. To obtain credit for an elective course the student must have formally registered in that course with the consent of the instructor concerned. A partial list of available courses follows:

Elective courses in any department. Hours to be arranged.

Research in any department. Hours to be arranged.

Ophthalmology: A minimum of five periods of 2 hours each per week for one-third trimester in groups of not more than one-sixth of the class. 34 hours.¹ (2 to 4 p. m.)

Dermatology: A minimum of five periods of 2 hours each per week for one-third trimester in groups of not more than one-sixth of the class. 34 hours.¹ (2 to 4 p. m.)

Oto-Laryngology: A minimum of five periods of 2 hours each per week for one-third trimester in groups of not more than one-sixth of the class. 34 hours.¹ (2 to 4 p. m.)

Pediatrics: Clinical Clerkship. Two hours each morning in the wards and two hours four afternoons a week in the Pediatric Out-Patient Department for one-quarter trimester. 60 hours. (10 a. m. to 12 m. and 2 to 4 p. m.)

Medicine: Diagnosis and Treatment of Diseases of the Digestive Tract. A minimum of five periods of 2 hours each per week for one-third trimester in groups of not more than five. 34 hours. (2 to 4 p. m.)

Medicine: General Medicine Clinic. A minimum of four periods of 2 hours each per week for one-third trimester in groups of not more than three. 27 hours. (2 to 4 p. m.)

Genito-Urinary Surgery: A minimum of three periods of 2 hours each per week for one-third trimester in groups of not more than one-sixth of the class. 22 hours.¹ (10 a. m. to 12 m.)

Orthopedic Surgery: A minimum of three periods each per week for one-third trimester in groups of not more than six. 22 hours.¹ (10 a. m. to 12 m.)

Obstetrics: Pre-Natal Clinic. A minimum of four periods of 2 hours each per week for one-third trimester in groups of not more than four. 27 hours. (2 to 4 p. m.)

¹ Additional hours by arrangement.

Anatomy: Topographical Anatomy. Hours by arrangement.

Medicine: Applied Immunology. Hours by arrangement.

Radiology: Principles of Roentgenology. Three one-hour periods per week for one-half trimester. 16 hours.

Professional Conduct and Medical Economics: Ten one-hour lectures during the first trimester. 10 hours.

Physical Therapeutics: Hours by arrangement.

Neurological Surgery: Eleven one-hour lectures during the first trimester. 11 hours.

Postoperative Care: Eleven one-hour lectures and demonstrations during the third trimester. 11 hours.

Medicine: Allergy. Hours by arrangement.

Medicine: Thoracic Diseases. Hours by arrangement.

Medicine: Night Clinic for the Treatment of Syphilis. A minimum of three periods of 2 hours each per week for one-half trimester. 33 hours.

Medicine: Night Clinic for the Treatment of Neurosyphilis. A minimum of two periods of 2 hours each per week for one trimester in groups of not more than six. 44 hours.

Surgical Pathology: Hours and credit by arrangement.

¹ Additional hours by arrangement.

STUDENTS

PHYSICIANS ATTENDING GRADUATE COURSES BETWEEN
JANUARY 1 AND DECEMBER 31, 1935

Aldrich, Fred N., M.D.	Ophthalmology and Oto-laryngology	Brunswick, Ga.
Alexander, Hugh E., M.D.	Surgery	Beaumont, Tex.
Anderson, Arthur W., M.D.	Pediatrics	Lexington, Nebr.
Anderson, Ronald C., M.D.	Surgery	Columbus, Nebr.
Bailey, William H., M.D.	Ophthalmology	St. Louis, Mo.
Barber, Ira Z., M.D.	Ophthalmology and Oto-laryngology	Princeton, Ky.
Belue, J. O., M.D.	Obstetrics and Gynecology	Athens, Ala.
Benthack, Walter, M.D.	Surgery	Wayne, Nebr.
Berryhill, Gralley H., M.D.	Oto-laryngology	Jackson, Tenn.
Bixler, Clarence W., M.D.	Obstetrics and Gynecology	Erie, Colo.
Blake, Herbert, M.D.	Obstetrics and Gynecology	Anderson, S. C.
Booth, Louis G., M.D.	Obstetrics and Gynecology	Sheridan, Wyo.
Cheek, W. Carey, M.D.	Ophthalmology and Oto-laryngology	Springfield, Mo.
Chiapella, Joseph O., M.D.	Oto-laryngology	Chico, Calif.
Coffey, Ralph R., M.D.	Surgery	Kansas City, Mo.
Compton, J. Roy, M.D.	Surgery	St. Louis, Mo.
Covington, John M. C., M.D.	Obstetrics and Gynecology	Roanoke Rapids, N. C.
Cragin, Robert B., M.D.	Obstetrics and Gynecology	Pt. Lewis, Wash.
Cunningham, Eric A., M.D.	Surgery	Louisiana, Mo.
DeFrancis, Walter, M.D.	Oto-laryngology	Nanticoke, Pa.
Dexter, Herbert E., M.D.	Ophthalmology	Basna, India
Dickson, James C., M.D.	Oto-laryngology	Houston, Tex.
Diver, Wilbur L., M.D.	Ophthalmology and Oto-laryngology	Bismarck, N. Dak.
Diver, Robert W., M.D.	Ophthalmology and Oto-laryngology	Clay Center, Kans.
Evans, David J., M.D.	Ophthalmology and Oto-laryngology	Aurora, Ill.
Ferguson, Everett R., M.D.	Oto-laryngology	Cleveland, Tenn.
Feuling, John C., M.D.	Obstetrics and Gynecology	Bovey, Minn.
Frank, Herman W., M.D.	Ophthalmology and Oto-laryngology	Gadsden, Ala.
Gabriel, Carson K., M.D.	Ophthalmology and Oto-laryngology	Quincy, Ill.
Garcia, Octavio, M.D.	Surgery	McAllen, Tex.
Gardner, Linwood C., M.D.	Ophthalmology and Oto-laryngology	Fond du Lac, Wis.
Glover, Arthur C., M.D.	Ophthalmology and Oto-laryngology	Elmira, N. Y.
Goodman, Jonathan N., M.D.	Pediatrics	Osceola, Iowa
Guenther, John C., M.D.	Surgery	La Grange, Tex.
Haslam, Gilbert E., M.D.	Ophthalmology and Oto-laryngology	Ranger, Tex.
Henderson, Clair C., M.D.	Pediatrics	Mt. Olive, N. C.
Hendry, Cullen H., M.D.	Ophthalmology and Oto-laryngology	Beaumont, Tex.
Henry, Sylvester F., M.D.	Ophthalmology and Oto-laryngology	Effingham, Ill.
Hillmer, Raymond E., M.D.	Obstetrics and Gynecology	Amasa, Mich.
Holst, John, M.D.	Ophthalmology and Oto-laryngology	Omaha, Nebr.
Howell, Donald M., M.D.	Ophthalmology and Oto-laryngology	Alma, Mich.
Hoxie, Derrick A., M.D.	Ophthalmology and Oto-laryngology	Poplar Bluff, Mo.
Humphrey, Hall H., M.D.	Pediatrics	Daykin, Nebr.
Johnson, James S., M.D.	Ophthalmology and Oto-laryngology	Cairo, Ill.
Jones, Fred G., M.D.	Oto-laryngology	Utica, N. Y.
Jones, Vincent L., M.D.	Ophthalmology and Oto-laryngology	St. Louis, Mo.
Joynt, Martin J., M.D.	Ophthalmology and Oto-laryngology	LeMars, Iowa
Kennedy, Robert W., M.D.	Surgery	Marshall, Mo.
Krieger, Curt H., M.D.	Ophthalmology and Oto-laryngology	Louisville, Ky.
Langhorst, Arthur L., M.D.	Oto-laryngology	Elgin, Ill.
Lauderdale, Thomas L., M.D.	Surgery	Ranger, Tex.
Leach, Austin F., M.D.	Obstetrics and Gynecology	Wichita Falls, Tex.
Leslie, James F., M.D.	Ophthalmology and Oto-laryngology	Springfield, Mo.
Link, Martha M., M.D.	Obstetrics and Gynecology	Dubuque, Iowa
Macdonald, Roderick, M.D.	Ophthalmology and Oto-laryngology	Rock Hill, S. C.
Manion, Peter J., M.D.	Pediatrics	St. Louis, Mo.
Marmor, William A., M.D.	Oto-laryngology	St. Louis, Mo.
Mathews, Walter J., M.D.	Ophthalmology and Oto-laryngology	Abilene, Tex.

Mayfield, Warren T., M.D.	Surgery	Norman, Okla.
McGahey, Travis P., M.D.	Ophthalmology and Oto-laryngology	Birmingham, Ala.
McMurray, Edward A., M.D.	Pediatrics	Newton, Iowa
Moore, D. Forrest, M.D.	Obstetrics and Gynecology	Shelby, N. C.
Moore, Robert B., M.D.	Ophthalmology and Oto-laryngology	Little Rock, Ark.
Murphy, Joseph P., M.D.	Ophthalmology and Oto-laryngology	Carlyle, Ill.
Murray, Thomas O., M.D.	Pediatrics	Beacon Falls, Conn.
Nelson, Cedric H., M.D.	Obstetrics and Gynecology	Billings, Mont.
Ogden, James C., M.D.	Ophthalmology and Oto-laryngology	Fort Smith, Ark.
Palmer, Charles E., M.D.	Oto-laryngology	Ontario, Oreg.
Perdue, Colvin C., M.D.	Ophthalmology and Oto-laryngology	Mobile, Ala.
Poole, William A., M.D.	Ophthalmology and Oto-laryngology	Lexington, Ky.
Powers, Rufus L., M.D.	Pediatrics	San Angelo, Tex.
Reel, Frederick C., M.D.	Oto-laryngology	Bluffton, Ohio
Richter, Ina M., M.D.	Pediatrics	Santa Barbara, Calif.
Robbins, Emma E., M.D.	Pediatrics	Lincoln, Nebr.
Rooks, James T., M.D.	Oto-laryngology	Walla Walla, Wash.
Rorer, Emily F., M.D.	Pediatrics	Norfolk, Nebr.
Rost, John F. W., M.D.	Pediatrics	Minier, Ill.
Rott, Otto M., M.D.	Oto-laryngology	Spokane, Wash.
Russell, Dan A., M.D.	Oto-laryngology	San Antonio, Tex.
Salmon, David L., M.D.	Ophthalmology and Oto-laryngology	Madisonville, Ky.
Scales, William M., M.D.	Ophthalmology and Oto-laryngology	Hutchinson, Kans.
Schechtman, Charles T., M.D.	Oto-laryngology	New Britain, Conn.
Scherer, Phil H., M.D.	Surgery	St. Louis, Mo.
Shelby, Mitchell H., M.D.	Ophthalmology and Oto-laryngology	Cape Girardeau, Mo.
Snyder, Richard C., M.D.	Obstetrics and Gynecology	Pittsburgh, Pa.
Sorensen, Elmer M., M.D.	Pediatrics	Thief River Falls, Minn.
Spalding, Wendell L., M.D.	Pediatrics	Mishawaka, Ind.
Stansbury, John E., M.D.	Ophthalmology and Oto-laryngology	Cedar Rapids, Iowa
Stone, Gideon W., M.D.	Obstetrics and Gynecology	Knoxville, Tenn.
Summers, Joseph S., M.D.	Ophthalmology and Oto-laryngology	Jefferson City, Mo.
Turner, Clifton S., M.D.	Ophthalmology and Oto-laryngology	Peoria, Ill.
Tygett, Glenn J., M.D.	Ophthalmology and Oto-laryngology	Cape Girardeau, Mo.
Vandever, Earl F., M.D.	Ophthalmology and Oto-laryngology	Enid, Okla.
Wadsworth, Harold V., M.D.	Ophthalmology and Oto-laryngology	Joliet, Ill.
Walker, John R., M.D.	Ophthalmology and Oto-laryngology	Enid, Okla.
Wangeman, Clayton P., M.D.	Pediatrics	Ellensburg, Wash.
Weinel, Francis G., M.D.	Obstetrics and Gynecology	St. Louis, Mo.
White, George W., M.D.	Ophthalmology and Oto-laryngology	Henderson, Ky.
Wilkins, Ellis L., M.D.	Ophthalmology and Oto-laryngology	Clarksdale, Miss.
Williams, Mortimer H., M.D.	Oto-laryngology	Roanoke, Va.
Yerman, Owen H., M.D.	Ophthalmology and Oto-laryngology	Detroit, Mich.
Zeitler, Walter A., M.D.	Ophthalmology	St. Louis, Mo.
Zimmermann, Daniel J., M.D.	Pediatrics	Morristown, Tenn.
Total, 103.		

FOURTH YEAR CLASS

Akers, Elwyn Nickell	St. Louis, Mo.
A.B., Washington Univ., '32.	
Allen, Wallace Edgar	Modesto, Calif.
A.B., Univ. of Calif., '31.	
Anderson, Victor Clarence	Magna, Utah
A.B., Univ. of Utah, '33.	
Aronberg, Lawrence Milton	St. Louis, Mo.
A.B., Washington Univ., '32.	
Atherton, Herbert Raymond	University City, Mo.
A.B., Washington Univ., '32.	
Basham, John Henry	Wichita, Kans.
A.B., Univ. of Wichita, '32.	
Berens, Norbert Henry	Summerfield, Kans.
A.B., Washington Univ., '32.	
Berkowitz, Morris	Kansas City, Mo.

- Brasher, Charles Alonzo.....Jefferson City, Mo.
A.B., Simmons Univ., '27.
B.S., Univ. of Mo., '34.
- Breslow, Lawrence.....Ozone Park, N. Y.
A.B., Washington Univ., '32.
- Brown, Cecil Hooper.....Jackson, Tenn.
A.B., Washington Univ., '32.
- Bryan, James Howard.....St. Louis, Mo.
A.B., Washington Univ., '32.
- Burton, William Young.....Mexico, Mo.
A.B., Univ. of Mo., '32.
B.S., Univ. of Mo., '33.
- Callihan, Charles Ferris.....Luray, Mo.
A.B., Culver-Stockton Coll., '33.
B.S., Univ. of Mo., '34.
- Clark, Joseph Lawrence.....Ennis, Tex.
B.S., Southern Methodist Univ., '32.
- Cooley, Fred Everett, Jr.....Phoenix, Ariz.
A.B., Univ. of Southern Calif., '32.
- Cremer, William Joseph.....Jefferson City, Mo.
A.B., Univ. of Mo., '33.
B.S., Univ. of Mo., '34.
- Crouch, Francis Richard.....Albany, N. Y.
A.B., Univ. of Mo., '32.
- Darrow, Arthur Charles, Jr.....Granville, Ohio
A.B., Denison Univ., '32.
- Davenport, Merrill Clark.....Pleasant Hill, Mo.
B.S., Univ. of Mo., '34.
- Davis, Vernam Terrell, Jr.....Webster Groves, Mo.
Dillon, John Forrest, III.....Alexander City, Ala.
A.B., Yale Univ., '28.
- Donnell, Robert Hart, Jr.....Hematite, Mo.
A.B., Univ. of Mo., '33.
B.S., Univ. of Mo., '34.
- Drescher, Emmett Burk.....St. Louis, Mo.
A.B., Washington Univ., '32.
- Drey, Norman Walter.....St. Louis, Mo.
A.B., Princeton Univ., '32.
- Dreyer, Philip Vernon.....Kirksville, Mo.
B.S., Northeast Mo. State Teachers Coll., '31.
B.S., Univ. of Mo., '34.
- Drinkard, Robert Uriel, Jr.....Wheeling, W. Va.
A.B., W. Va. Univ., '32.
- Dunn, Robert Cecil.....Groton, S. Dak.
A.B., Univ. of S. Dak., '32.
A.M., Univ. of S. Dak., '34.
- Dworkin, Saul.....Cleveland, Ohio
A.B., Adelbert Coll., '32.
- Earp, Ralph Kenneth.....El Dorado, Kans.
B.S., Washburn Coll., '31.
- Edmonds, Henry Wolfner.....St. Louis, Mo.
A.B., Washington Univ., '31.
- Edwards, Howard Keay.....Coral Gables, Fla.
B.S., Univ. of Miami, '32.
- Elliott, Robert William.....Fountaintown, Ind.
A.B., Washington Univ., '32.
- Ellis, Orwyn Haywood.....Philadelphia, Pa.
A.B., Stanford Univ., '32.
- Ellis, Stephen Stuart.....Coffeyville, Kans.
A.B., Washington Univ., '32.
- Engel, Edgar Leo.....Evansville, Ind.
A.B., Wabash Coll., '32.
- Epps, Curtis Howard.....Springfield, Mo.
B.S., Drury Coll., '34.
- Faris, John Calvin.....Caruthersville, Mo.
- Fleming, Paul Dunlap.....Waterloo, Ill.
- Flynn, John Francis.....Webster Groves, Mo.
B.S., Colby Coll., '25.
- Hauptman, Harry.....Jersey City, N.J.
A.B., Univ. of Mich., '32.
- Hetherington, Jessie Tharp.....St. Louis, Mo.
A.B., Univ. of Mich., '31.
- Hollombe, Samuel Morris.....Los Angeles, Calif.
A.B., Univ. of Calif., '31.
- Horner, John Linscott.....St. Louis, Mo.
A.B., Washington Univ., '32.

Jacobson, William Henry.....	Canton, Ohio
B.S., Univ. of Pittsburgh, '32.	
Jaffe, Hyman.....	Cleveland, Ohio
A.B., Adelbert Coll., '30.	
M.S., Ohio State Univ., '31.	
Kahn, Nathan Robert.....	Brooklyn, N. Y.
A.B., Washington Univ., '32.	
Kaplan, Albert.....	St. Louis, Mo.
A.B., Washington Univ., '32.	
Kelley, Robert Wilson.....	Winfield, Kans.
A.B., Southwestern Coll., '32.	
Kelly, Marshall Wilton.....	Placerville, Calif.
Klingner, George Malcolm.....	Springfield, Mo.
B.S., Drury Coll., '34.	
Leech, Charles Albert, Jr.....	New Franklin, Mo.
B.S., Univ. of Mo., '34.	
Lockhart, Edmund S.....	Witt, Ill.
A.B., Ill. Coll., '32.	
Long, Irl Richard.....	St. Louis, Mo.
A.B., Central Coll., '32.	
B.S., Univ. of Mo., '34.	
Lundmark, Vernon Oscar.....	Seattle, Wash.
Mason, Richard Patrick.....	St. Petersburg, Fla.
A.B., Washington Univ., '33.	
McDowell, Frank.....	Springfield, Mo.
A.B., Drury Coll., '32.	
McMillan, Thomas Eugene.....	Kansas City, Mo.
A.B., Washington Univ., '32.	
McNamara, Thaddeus Maria, Jr.....	Bakersfield, Calif.
A.B., Stanford Univ., '32.	
McNew, William Thomas.....	Carthage, Mo.
A.B., Univ. of Mo., '33.	
B.S., Univ. of Mo., '34.	
McVety, Thomas Wilson.....	Normal, Ill.
A.B., Ill. Wesleyan Univ., '29.	
B.S., Ill. Wesleyan Univ., '32.	
Meadows, Henry Howard, Jr.....	Lowndesboro, Ala.
A.B., Howard Coll., '32.	
Miller, Edward Allison.....	Seattle, Wash.
B.S., Univ. of Wash., '32.	
Miller, Ivan Jenks.....	Belton, Mo.
A.B., Univ. of Mo., '32.	
Minzel, Wesley Charles.....	Sharon, Wash.
B.S., Univ. of Wash., '31.	
Mitchell Robert Hiestand.....	Columbia, Mo.
A.B., Univ. of Mo., '31.	
B.S., Univ. of Mo., '33.	
Morrison, James Donald.....	Billings, Mont.
A.B., Carleton Coll., '30.	
Mueller, Robert John.....	Maplewood, Mo.
Nussbaum, Robert Allen.....	St. Louis, Mo.
A.B., Washington Univ., '32.	
Pettus, Florence.....	St. Louis, Mo.
A.B., Bryn Mawr Coll., '32.	
Petway, Virginia.....	Atlanta, Ga.
A.B., Agnes Scott Coll., '32.	
Platz, Charles Parker.....	Fort Collins, Colo.
A.B., Stanford Univ., '32.	
Pletcher, Kenneth Eugene.....	Pacific, Mo.
A.B., Central Coll., '32.	
Plymale, John Langley.....	Gallipolis, Ohio
A.B., Ohio Wesleyan Univ., '32.	
Records, John Williams.....	St. Louis, Mo.
Rector, Eleanor Johnson.....	Seattle, Wash.
B.S., Univ. of Wash., '31.	
M.S., Univ. of Wash., '32.	
Rector, Lewis Edwin.....	Seattle, Wash.
B.S., Oreg. State Agr. Coll., '25.	
Riggs, George Thomas.....	Amity, Mo.
A.B., Park Coll., '33.	
B.S., Univ. of Mo., '34.	
Rutherford, Robert Horace.....	Girard, Ill.
Saphir, Nelson Robert.....	South Boston, Mass.
A.B., Harvard Coll., '30.	
Schneider, Sam.....	St. Louis, Mo.
A.B., Washington Univ., '32.	

Sellers, William Leon, Jr.	Montgomery, Ala.
B.S., Ala. Poly. Inst., '33.	
Silverglade, Alexander	St. Louis, Mo.
B.S., Univ. of Wash., '29.	
Smith, Carl Wellington	East St. Louis, Ill.
A.B., Washington Univ., '32.	
Standard, James Fields	Seattle, Wash.
B.S., Univ. of Wash., '32.	
Strobach, Rolla Lenox	St. Louis, Mo.
A.B., Washington Univ., '32.	
Swedenburg, Genevieve Marie	Ashland, Oreg.
A.B., Univ. of Wash., '30.	
Tidrick Robert Thompson	St. Louis, Mo.
A.B., Tarkio Coll., '32.	
Trowbridge, Ellsworth Haydn, Jr.	Kansas City, Mo.
Trucks, James Frank	Birmingham, Ala.
A.B., Univ. of Ala., '31.	
Ursin, Oscar Elliott	Wittenberg, Wis.
A.B., St. Olaf Coll., '32.	
Vieth, Richard Peter	University City, Mo.
A.B., Washington Univ., '32.	
Wepprich, Michael Schall	St. Charles, Mo.
A.B., Univ. of Mo., '33.	
West, Warren Burd, Jr.	St. Anthony, Idaho
A.B., Univ. of Utah, '32.	
White, Noland Winford	Bertrand, Mo.
A.B., Univ. of Mo., '33.	
B.S., Univ. of Mo., '34.	
Wise, Robert Allen	Morganfield, Ky.
A.B., Univ. of Ky., '32.	
Young, William Rigby	Provo, Utah
A.B., Univ. of Utah, '32.	
Zonniss, Marian Estelle	St. Louis, Mo.
A.B., Washington Univ., '32.	

Total, 98.

THIRD YEAR CLASS

Adler, Benard Charles	St. Louis, Mo.
Adler, Morton William	St. Louis, Mo.
A.B., Washington Univ., '33.	
Askew, William Marvin, Jr.	Auburn, Ala.
B.S., Ala. Poly. Inst., '33.	
Barnes, Marian	Lawrence, Kans.
B.S., Univ. of Chicago, '27.	
Bassman, Roland Sidney	St. Louis, Mo.
Beecher, Sheldon Bradford	Rosendale, Mo.
A.B., Northwest Mo. State Teachers Coll., '33.	
Berger, Edward	St. Louis, Mo.
Boozer, Thomas Stewart	Anniston, Ala.
A.B., Univ. of Ala., '35.	
Bottom, Donald Stewart	East St. Louis, Ill.
A.B., Washington Univ., '32.	
Bourland, John Bookhout	Dallas, Tex.
A.B., Harvard Coll., '34.	
Brenner, Paul Adolph Anthony	Princeton, Ill.
A.B., Washington Univ., '33.	
Brewer, Arthur Allen, Jr.	Maryville, Mo.
A.B., Northwest Mo. State Teachers Coll., '33.	
B.S., Univ. of Mo., '35.	
Brodsky, Samuel	Brooklyn, N. Y.
A.B., Washington Univ., '33.	
Burch, Earl Samuel	Fort Dodge, Iowa
A.B., Grinnell Coll., '25.	
Burks, James Willis, Jr.	Nashville, Tenn.
A.B., Vanderbilt Univ., '33.	
Calvy, George Lloyd	Fond du Lac, Wis.
A.B., Univ. of Wis., '35.	
Carter, Rexford Gillespie	St. Louis, Mo.
A.B., Univ. of Mo., '35.	
B.S., Univ. of Mo., '35.	
Case, Robert Bowen	Oakland, Calif.
A.B., Stanford Univ., '32.	
Compton, Martin Andrew	Peoria, Ill.
Connell, John Richard	Des Moines, Iowa
A.B., Drake Univ., '33.	
Cruvant, Bernard Alan	East St. Louis, Ill.
A.B., Washington Univ., '32.	

Day, Samuel Mason, Jr.	Alexander City, Ala.
A.B., Univ. of Ala., '34.	
Dougall, John Mac.	Springville, Utah
A.B., Brigham Young Univ., '33.	
Erlanger, Herman	St. Louis, Mo.
A.B., Univ. of Wis., '33.	
Florito, Joseph Anthony	Syracuse, N. Y.
A.B., Oberlin Coll., '33.	
Fitch, Richard Homer	Sturgis, S. Dak.
A.B., Yankton Coll., '26.	
A.M., Univ. of S. Dak., '27.	
Ph.D., Univ. of Wis., '31.	
Gann, Eldred La Monte	Burden, Kans.
B.S., Kans. State Agri. Coll., '29.	
M.S., Kans. State Agri. Coll., '33.	
Gehrand, Henry Christopher	Los Angeles, Calif.
B.S., Univ. of Wis., '35.	
Gellhorn, Alfred Adolph	St. Louis, Mo.
Glover, William Albert Kenneth	Halfway, Mo.
B.S., Southwest Mo. State Teachers Coll., '31.	
B.S., Univ. of Mo., '35.	
Goldman, Gilbert Sanes	Pittsburgh, Pa.
B.S., Univ. of Pittsburgh, '33.	
Gray, William Halling	Fort Bragg, Calif.
A.B., Stanford Univ., '33.	
Haentzschel, Lester Esaias	Madison, Wis.
A.B., Univ. of Wis., '35.	
Harris, Edward Alun	Brewster, Fla.
A.B., Univ. of Ala., '33.	
Hayward, Willis Howard	Logan, Utah
B.S., Utah State Agri. Coll., '33.	
Hubbard, Leslie Howell	Wilton, Ala.
A.B., Univ. of Ala., '34.	
B.S., Univ. of Ala., '35.	
Huffman, Carroll Wilson	Hickory, N. C.
B.S., Lenoir-Rhyne Coll., '33.	
Humphrey, Kenneth Edward	East St. Louis, Ill.
A.B., Westminster Coll., '33.	
Huntley, Henry Clay	Steele, Mo.
A.B., Washington Univ., '33.	
Ittner, George Washington, Jr.	St. Louis, Mo.
A.B., Univ. of Mo., '34.	
B.S., Univ. of Mo., '35.	
Jansonius, John Willard	Bismarck, N. Dak.
A.B., Univ. of N. Dak., '34.	
B.S., Univ. of N. Dak., '35.	
Kaplan, Arthur Arthur	Brooklyn, N. Y.
A.B., Cornell Univ., '33.	
Kerby, Kenneth Earl	Kansas City, Mo.
A.B., Univ. of Mo., '35.	
B.S., Univ. of Mo., '35.	
Kingsland, Robert Chenault	St. Louis, Mo.
A.B., Washington Univ., '33.	
Kircher, Theodor Engelman, Jr.	Belleville, Ill.
A.B., Yale Coll., '33.	
Kitchen, William Meyer	Glasgow, Mo.
A.B., Univ. of Mo., '34.	
B.S., Univ. of Mo., '35.	
Kusunoki, Clarence Junro	Honolulu, T. H.
A.B., Univ. of Hawaii, '33.	
Levinson, Julian Paul	Brownsville, Pa.
B.S., Univ. of Pittsburgh, '32.	
Lischer, Carl Edward	University City, Mo.
A.B., Univ. of Calif., '33.	
Little, Edgar Hugh	East St. Louis, Ill.
A.B., Washington Univ., '33.	
Little, Robert Allyn	East St. Louis, Ill.
A.B., Washington Univ., '33.	
Littmann, Lewis Ezekial	St. Louis, Mo.
A.B., Washington Univ., '33.	
Look, William Blackford	Collinsville, Ill.
B.S., Univ. of Mo., '35.	
Lowenhaupt, Elizabeth	St. Louis, Mo.
A.B., Radcliffe Coll., '33.	
Lyddon, Harold Ray, Jr.	Kansas City, Mo.
A.B., Univ. of Mo., '33.	

Lyman, Edward Harry.....	St. Louis, Mo.
Lytle, Howard William.....	Lodi, Calif.
A.B., Stanford Univ., '33.	
Martin, Charles Ellerbrock.....	St. Louis, Mo.
A.B., Washington Univ., '33.	
McCall, Edwin Levan.....	Ladsonia, Mo.
A.B., Univ. of Mo., '32.	
McCausland, John Daniel.....	Chula Vista, Calif.
A.B., Pomona Coll., '33.	
McGrath, Marion Stanley.....	Star, Idaho
B.S., Univ. of Idaho, '33.	
McMullen, James Wallace.....	Tarkio, Mo.
A.B., Tarkio Coll., '33.	
B.S., Univ. of Mo., '35.	
Meeker, Cornelius Shepherd.....	Jacksonville, Ill.
A.B., Ill. Coll., '33.	
Melsenbach, Albert Edward, Jr.....	St. Louis, Mo.
A.B., Washington Univ., '33.	
Mendonsa, Lawrence Ernest.....	University City, Mo.
A.B., Washington Univ., '33.	
Miksicek, John Edward.....	St. Louis, Mo.
A.B., Washington Univ., '33.	
Mountjoy, Philip Shannon.....	St. Louis, Mo.
A.B., Washington Univ., '33.	
Owen, Walter Edwin, Jr.....	Clinton, Mo.
A.B., Westminster Coll., '31.	
Pareira, Morton Donald.....	St. Louis, Mo.
A.B., Washington Univ., '33.	
Petersen, Ralph Clarence.....	Seattle, Wash.
B.S., Univ. of Wash., '33.	
Polan, Charles Morton.....	Huntington, W. Va.
B.S., Ohio State Univ., '32.	
B.S., W. Va. Univ., '35.	
Pontler, Joseph John.....	San Francisco, Calif.
Printz, Joseph Harold.....	Kansas City, Mo.
A.B., Univ. of Mo., '34.	
B.S., Univ. of Mo., '35.	
Quinn, William Joseph.....	San Francisco, Calif.
Reid, Henry Nowell.....	Rome, N. Y.
A.B., Harvard Coll., '33.	
Risser, Philip Crane.....	Blackwell, Okla.
A.B., Grinnell Coll., '33.	
Roberts, Donald Russell.....	Richwood, W. Va.
A.B., W. Va. Univ., '34.	
B.S., W. Va. Univ., '35.	
Robertson, Edwin Norris, Jr.....	Concordia, Kans.
A.B., Univ. of Kans., '33.	
Rosenbaum, Lloyd Emmerich.....	Anderson, Ind.
A.B., Princeton Univ., '32.	
Russell, Thomas Goodson.....	St. Louis, Mo.
B.S., Univ. of the City of Toledo, '33.	
Sauer, William Nicholas.....	St. Louis, Mo.
A.B., Stanford Univ., '32.	
Schopp, Alvin Charles.....	St. Louis, Mo.
A.B., Washington Univ., '33.	
Sieber, Edward Henry.....	Jacksonville, Ill.
A.B., Ill. Coll., '33.	
Skaller, Maja Leroy.....	Memphis, Tenn.
A.B., Washington Univ., '33.	
Smith, Harvey Sydney, Jr.....	East St. Louis, Ill.
Stevenson, Walter Davis, Jr.....	Quincy, Ill.
B.S., Univ. of Va., '33.	
Tompkins, Harold Phillip.....	Anaheim, Calif.
A.B., Stanford Univ., '31.	
Townsend, Hastel Laveine.....	Birmingham, Ala.
A.B., Univ. of Ala., '33.	
Trowbridge, Barnard Cole.....	Kansas City, Mo.
A.B., Univ. of Mo., '34.	
Tversky, Edgar Louis.....	St. Louis, Mo.
Vaughan, John Russell, Jr.....	University City, Mo.
A.B., Washington Univ., '33.	
Wall, David Royal.....	Wichita, Kans.
A.B., Univ. of Kans., '33.	
Weber, Thomas Loftin.....	Olney, Ill.

Wenkle, William Cash.....	Jefferson City, Mo.
A.B., Univ. of Mo., '34.	
B.S., Univ. of Mo., '34.	
Westrup, Ellsworth Arthur.....	Webster Groves, Mo.
A.B., Washington Univ., '33.	
Williams, Ray David.....	Charlottesville, Va.
A.B., Hampden-Sydney Coll., '30.	
M.S., Emory Univ., '31.	
Wittler, Marie Henrietta.....	St. Louis, Mo.
	Total, 97.

SECOND YEAR CLASS

Abrahams, Harry Harvey.....	Long Beach, N. Y.
A.B., Cornell Univ., '34.	
Aker, Cecil Grover.....	Santa Ana, Calif.
A.B., Central Coll., '34.	
Allee, William Sylvanus.....	Veterans Administration Home, Kans.
A.B., Univ. of Mo., '34.	
Baers, Harry.....	St. Louis, Mo.
A.B., Washington Univ., '35.	
Baker, William Green.....	Salem, Ill.
A.B., Univ. of Ill., '34.	
Barnett, Henry Lewis.....	St. Louis, Mo.
Bingham, Harvey Dexter.....	Mebane, N. C.
B.S., Univ. of Wash., '34.	
Blaney, Loren Francis.....	St. Louis, Mo.
A.B., Washington Univ., '34.	
Blankenship, George William.....	Southwest City, Mo.
A.B., Kans. State Teachers Coll., '34.	
Brookes, Robert Dunlap.....	St. Louis, Mo.
A.B., DePauw Univ., '34.	
Brookes, Theodore Prewitt, Jr.....	St. Louis, Mo.
A.B., Washington Univ., '34.	
Bryan, Malvern Thornton.....	Memphis, Tenn.
A.B., Univ. of Tenn., '34.	
Carter, Kenneth Lockie.....	Mattoon, Ill.
A.B., Washington Univ., '34.	
Carter, Margaret Ann.....	Carthage, Mo.
A.B., Washington Univ., '34.	
Conrad, Adolph Henry, Jr.....	University City, Mo.
A.B., Washington Univ., '34.	
Doenges, James Luther.....	Tonkawa, Okla.
Findley, James Wallace.....	Graham, Mo.
A.B., Univ. of Nebr., '34.	
Freedman, Harold.....	University City, Mo.
Ph.B., Yale Coll., '29.	
Gershon, Edward Elliott.....	Kansas City, Mo.
A.B., Washington Univ., '33.	
Gilbert, Harold Raymond.....	Cleveland, Ohio
A.B., Adelbert Coll., '33.	
Gill, Dorothy.....	Seattle, Wash.
B.S., Univ. of Wash., '31.	
M.S., Univ. of Wash., '32.	
Harris, Reuben Rhys.....	Brewster, Fla.
A.B., Univ. of Ala., '35.	
Hartman, Paul Tupper.....	St. Louis, Mo.
A.B., Washington Univ., '34.	
Hawker, William Davis.....	St. Louis, Mo.
B.S., Shurtleff Coll., '33.	
Hempelmann, Louis Henry, Jr.....	St. Louis, Mo.
A.B., Washington Univ., '34.	
Henderson, Arthur Wright.....	Jacksonville, Ill.
A.B., Ill. Coll., '32.	
Hunter, John Willis, Jr.....	Birmingham, Ala.
A.B., Univ. of Ala., '34.	
Jensen, Joshua Ernest.....	Granville, Ohio
A.B., Denison Univ., '34.	
Jones, Horace Edgar.....	Anderson, Ind.
A.B., Dartmouth Coll., '34.	
Jones, James Buckner.....	Piedmont, Mo.
A.B., Southeast Mo. State Teachers Coll., '33.	
Kimelman, Nathan.....	Pittsburgh, Pa.
B.S., Univ. of Pittsburgh, '33.	
Kirtz, Louis Philip, Jr.....	St. Louis, Mo.
A.B., Washington Univ., '34.	
Koch, Pearl Elizabeth.....	St. Louis, Mo.

Kostman, David Eli.....	St. Louis, Mo.
A.B., Washington Univ., '33.	
Kotner, Lawrence Melvin.....	St. Louis, Mo.
A.B., Washington Univ., '34.	
Legow, Albert.....	Cleveland, Ohio
A.B., Adelbert Coll., '32.	
Lionberger, John Robert, Jr.....	St. Louis, Mo.
A.B., Washington Univ., '34.	
Lowell, Vivion Forman.....	Galesburg, Ill.
A.B., Knox Coll., '34.	
Lynn, Theodore Ayres.....	San Francisco, Calif.
Mangum, John Robert.....	Nampa, Idaho
Mantz, Harry Earl.....	St. Louis, Mo.
A.B., Univ. of Mo., '34.	
McKee, Wayne Pickens.....	Modesto, Calif.
A.B., Univ. of Calif., '33.	
Milster, Clyde Rogers.....	St. Louis, Mo.
A.B., Univ. of Mo., '34.	
Moseley, Harry Gladding.....	Tucson, Ariz.
B.S., Univ. of Ariz., '32.	
Mueller, Alexander Ado.....	Belleville, Ill.
Nolan, James Findley.....	St. Louis, Mo.
A.B., Univ. of Mo., '35.	
Ogawa, Robert Nobuyoshi.....	Hilo, T. H.
A.B., Central Mo. State Teachers Coll., '32.	
B.S., Central Mo. State Teachers Coll., '32.	
Parker, Joe Marion.....	Vienna, Ill.
A.B., Univ. of Ill., '30.	
M.S., Univ. of Ill., '32.	
Peck, George Arthur.....	Springfield, Mo.
A.B., Drury Coll., '34.	
Petkovich, Ogden Lazar.....	St. Louis, Mo.
A.B., Washington Univ., '34.	
Piraino, Anthony Frank.....	Cleveland, Ohio
A.B., Oberlin Coll., '34.	
Pollock, Joseph Hirsh.....	St. Louis, Mo.
Pratt, William Coleman.....	St. Louis, Mo.
A.B., Washington Univ., '33.	
Richey, Tim Victor.....	Tucson, Ariz.
A.B., Univ. of Ariz., '34.	
Roberts, Thomas Haynes.....	Lovelock, Nev.
B.S., Univ. of Nev., '34.	
Rose, William Frederick.....	Dupo, Ill.
Rosenblatt, Philip.....	New York, N. Y.
A.B., Univ. of Nebr., '34.	
Ruff, Troy Eugene.....	Doniphan, Mo.
A.B., Univ. of Mo., '35.	
Schultz, Samuel.....	St. Louis, Mo.
Schwander, Leon Howard, Jr.....	St. Louis, Mo.
A.B., Washington Univ., '34.	
Shuman, John William, Jr.....	Santa Monica, Calif.
A.B., Univ. of Calif. at Los Angeles, '34.	
Silverberg, Charles.....	St. Louis, Mo.
A.B., Washington Univ., '34.	
Silverberg, Hymen Dorf.....	St. Louis, Mo.
Simpson, Reed Morgan.....	St. Louis, Mo.
Smith, Warren Ferguson.....	Topfield, Mass.
B.S., Univ. of N. H., '34.	
Spitz, Milton Adolph.....	Milwaukee, Wis.
A.B., Dartmouth Coll., '34.	
Steiner, Howard Abraham.....	East Cleveland, Ohio
Stull, John DeGarrs.....	Ferguson, Mo.
A.B., Univ. of Iowa, '34.	
Takenaka, Kameichi.....	Honolulu, T. H.
B.S., Univ. of Hawaii, '34.	
Thomas, Roy.....	Woodland, Calif.
A.B., Stanford Univ., '34.	
Van Deventer, James Kendall.....	Long Beach, Calif.
A. B., Stanford Univ., '31.	
Wade, Leo Joseph.....	St. Louis, Mo.
A.B., Washington Univ., '33.	
Weber, Frank Joseph, Jr.....	Olney, Ill.
Wedig, John Harrison.....	Wood River, Ill.
Wilder, Winfield Scott.....	Lewistown, Mont.
B.S., Mont. State Coll., '34.	

Windus, Charles Edward.....	Clarkston, Wash.
B.S., State Coll. of Wash., '34.	
Zucker, Ralph Leo.....	Toledo, Ohio
B.S., Univ. of Toledo, '34.	

Total, 77.

FIRST YEAR CLASS

Ackerly, Roscoe Hope.....	Danvers, Mont.
B.S., Mont. State Coll., '35.	
Ahrens, John Heideman.....	Lahore, India
A.B., Coll. of Wooster, '35.	
Anderson, Charles Roy.....	St. Louis, Mo.
A.B., Univ. of Ill., '35.	
Basham, George Leo.....	Wichita, Kans.
A.B., Univ. of Wichita, '35.	
Baumgarten, Walter, Jr.....	St. Louis, Mo.
A.B., Washington Univ., '35.	
Baur, Alfred Karl.....	Webster Groves, Mo.
A.B., Washington Univ., '35.	
Beasley, Louis Kenneth.....	East St. Louis, Ill.
A.B., Washington Univ., '35.	
Beine, William Royal.....	San Angelo, Tex.
A.B., Washington Univ., '34.	
Berger, Irving.....	Cleveland Heights, Ohio
A.B., Western Reserve Univ., '35.	
Berman, Benjamin Byral.....	East St. Louis, Ill.
A.B., Washington Univ., '35.	
Bernard, William Reisch.....	Springfield, Ill.
B.S., Univ. of Notre Dame, '35.	
Bierman, Howard Richard.....	Newark, N. J.
Blair, Vilray Papin, Jr.....	Florissant, Mo.
Blum, Leo J., Jr.....	Macon, Ga.
Bohne, Arthur Waite.....	Joplin, Mo.
A.B., Univ. of Mo., '35.	
Borenstine, Joseph.....	Kansas City, Mo.
Boyers, Sidney.....	Brooklyn, N. Y.
B.S., Long Island Univ., '34.	
Brakel, Carl Arthur.....	Seattle, Wash.
Brockbank, Mark Joseph.....	Spanish Fork, Utah
A.B., Brigham Young Univ., '35.	
Brown, Wilson Gordon.....	Bosworth, Mo.
A.B., William Jewell Coll., '35.	
Burbidge, Earl LeRoy.....	Chicago, Ill.
B.S., Univ. of Wis., '28.	
Canepa, Edward Gaten.....	St. Louis, Mo.
Carville, Edward Deming.....	Reno, Nev.
Clymer, James Mitchell.....	Durant, Okla.
B.S., Southeastern Teachers Coll. (Okla.), '33.	
Cockett, Patrick Mormon, Jr.....	Maui, T. H.
B.S., Univ. of Hawaii, '35.	
Crider, Russell Jackson.....	Dixon, Mo.
Crutcher, Luke Fain, Jr.....	Claremont, Calif.
Dickey, Dorothy Lucile.....	Pasadena, Calif.
A.B., Univ. of Calif. at Los Angeles, '33.	
Dodds, Donald Clifford.....	Oakland, Calif.
A.B., Univ. of Calif., '35.	
Eckert, Charles Leonard.....	New York, N. Y.
Epstein, Carl Charles.....	Malden, Mass.
A.B., Washington Univ., '35.	
Epstein, Leslie Alan.....	St. Louis, Mo.
A.B., Univ. of Ill., '35.	
Esslinger, Arthur Thomas John.....	St. Louis, Mo.
Fleming, Ruth.....	Fayetteville, Ark.
B.S., Univ. of Ark., '35.	
Fox, Leon Julius.....	St. Joseph, Mo.
Franklin, Harold Charles.....	Atlantic, Iowa
A.B., Grinnell Coll., '34.	
Fraser, George Frederick.....	Antioch, Calif.
A.B., Stanford Univ., '35.	
Gallagher, John Erwin.....	Rossford, Ohio
Graham, John Glenwood, Jr.....	University City, Mo.
A.B., Washington Univ., '35.	
Greeley, Robert Hiram.....	Waterman, Ill.
A.B., Univ. of Ill., '35.	
Hansen, Phil.....	Richfield, Utah
A.B., Brigham Young Univ., '35.	

Harrell, Julius Grissom.....	St. Louis, Mo.
Hart, Ruth Elizabeth.....	St. Louis, Mo.
A.B., Trinity Coll., '35.	
Helm, John Edmund.....	Benton, Ill.
A.B., Univ. of Ill., '35.	
Hess, George J.....	Litchfield, Ill.
A.B., Ill. Coll., '34.	
Hoover, Robert Arlie.....	Macksville, Kans.
A.B., Fort Hays (Kans.) State Coll., '35.	
Hopkins, Kingsley Kay.....	Arlington, S. Dak.
B.S., S. Dak. State Coll., '35.	
Inderlied, Herman Frederick.....	Phoenix, Ariz.
Ingram, Margaret Annand.....	Lexington, Ky.
B.S., Univ. of Ky., '35.	
Johnston, Peter Rich.....	Blackfoot, Idaho
B.S., Utah State Agri. Coll., '23.	
Jones, Sam.....	Hutchinson, Kans.
A.B., Univ. of Kans., '35.	
Jordan, Fred Covington, Jr.....	Phoenix, Ariz.
B.S., Univ. of Ariz., '35.	
Keys, Edgar Hayden, Jr.....	University City, Mo.
A.B., Harvard Univ., '35.	
Koerner, Kenneth Albert.....	St. Louis, Mo.
A.B., Washington Univ., '35.	
Lamar, Robert Frederick.....	Kansas City, Mo.
A.B., Univ. of Kans., '35.	
Latham, Kenyon Stuart.....	California, Mo.
A.B., Univ. of Mo., '35.	
Latimer, Jasper Dowe.....	Hartville, Mo.
B.S., Drury Coll., '34.	
Leibson, Ada Marie.....	St. Louis, Mo.
A.B., Washington Univ., '35.	
McElroy, West Glover.....	Tacoma, Wash.
B.S., Univ. of Wash., '35.	
McMahon, John Robert.....	Shoshone, Idaho
B.S., Linfield Coll., '35.	
Melick, William Frank.....	St. Louis, Mo.
Milder, Benjamin.....	St. Louis, Mo.
Neubauer, Darwin William.....	Highland, Ill.
A.B., Washington Univ., '35.	
Nuttall, Leonard Wilkins.....	Twin Falls, Idaho
A.B., Brigham Young Univ., '35.	
Passanante, Bartholomew Michael.....	St. Louis, Mo.
A.B., Washington Univ., '35.	
Peters, Robert Clark.....	Kirkwood, Mo.
Proud, Gideon O'Neill.....	St. Joseph, Mo.
A.B., Univ. of Mo., '35.	
Reid, Janet Louise.....	Rome, N. Y.
A.B., Univ. of Wis., '35.	
Reinhard, Edward Humphrey.....	St. Louis, Mo.
A.B., Washington Univ., '35.	
Rupp, Robert Coleman.....	Pattonville, Mo.
A.B., Washington Univ., '35.	
Shank, Robert Ely.....	St. Louis, Mo.
A.B., Westminster Coll., '35.	
Slusser, Gerald Adelbert.....	Villa Grove, Ill.
B.Ed., Ill. State Normal Univ., '34.	
Smith, Hugh Reinhardt, Jr.....	St. Louis, Mo.
A.B., Washington Univ., '35.	
Sorkin, Harry Mitchell.....	St. Louis, Mo.
A.B., Washington Univ., '35.	
Starkloff, Gene Baldwin.....	St. Louis, Mo.
Strehlman, Benjamin George.....	Warrenton, Mo.
A.B., Central Coll., '25.	
A.M., Univ. of Mo., '32.	
Thoma, John Walter Richard.....	Springfield, Ill.
Tigert, Allen Humphrey.....	Soda Springs, Idaho
B.S., Univ. of Idaho, '35.	
Weaver, Jerome Anderson.....	Parkersburg, W. Va.
A.B., Marietta Coll., '35.	
Welch, Arnold DeMerritt.....	St. Louis, Mo.
B.S. in Pharm., Univ. of Fla., '30.	
M.S. in Pharm., Univ. of Fla., '31.	
Ph.D., Univ. of Toronto, '34.	

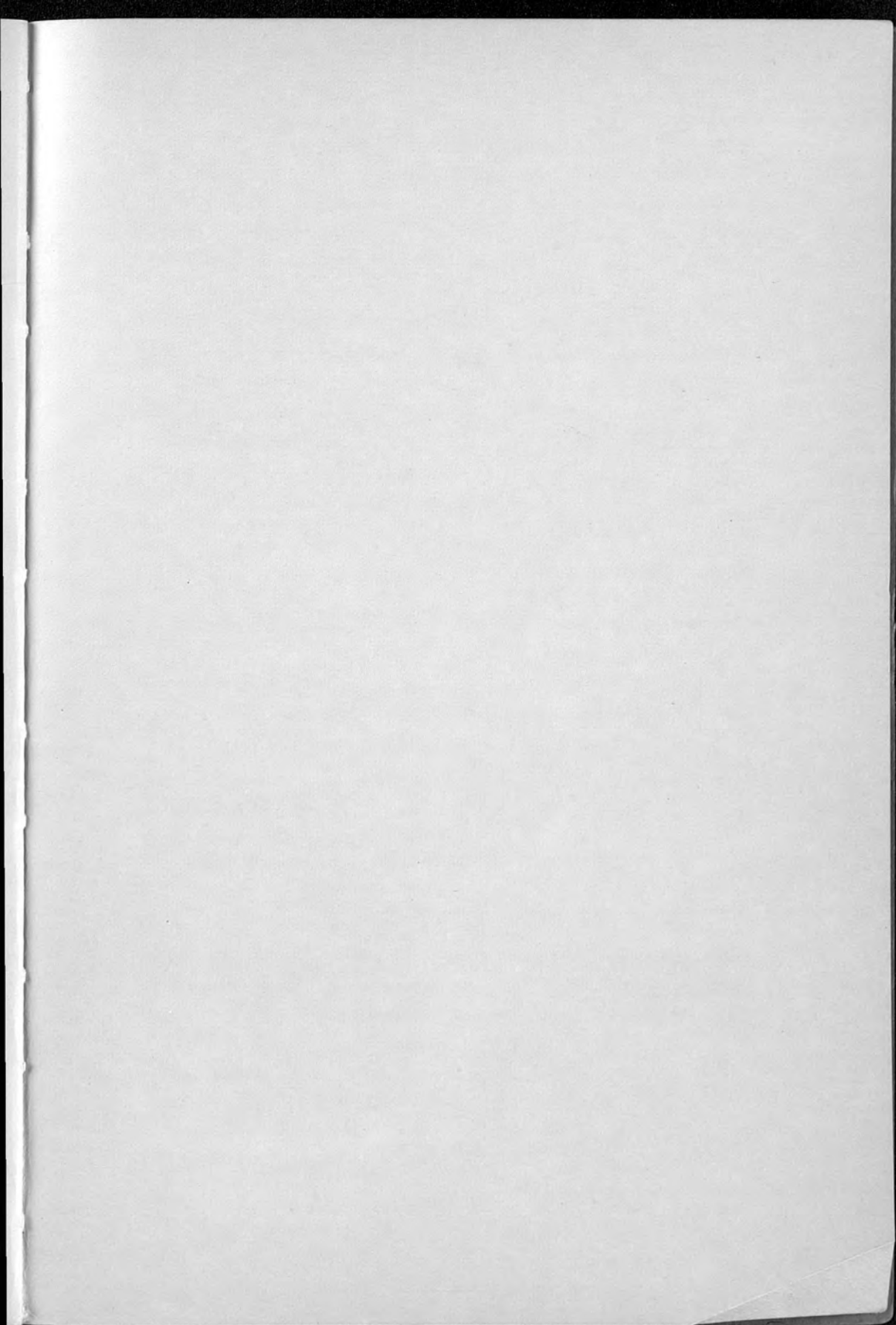
White, Charles Ormond.....	Belleville, Ill.
Woll, Maurice.....	Boonville, Mo.
A.B., Washington Univ., '35.	
Wootten, Betsy Geraldine.....	West Los Angeles, Calif.
A.B., Univ. of Calif. at Los Angeles, '35.	
	Total, 83.

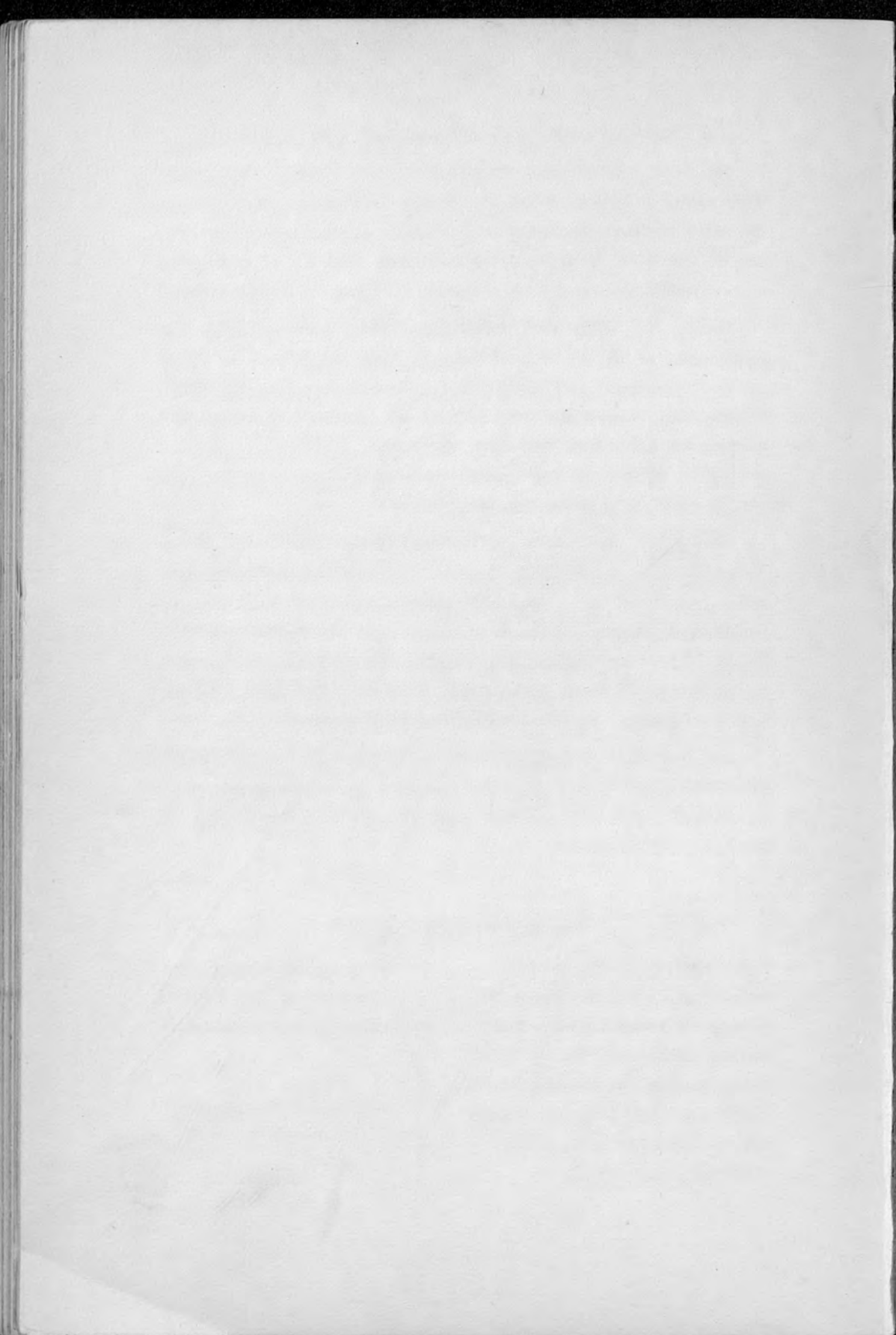
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