1938

Washington University School of Medicine bulletin, 1938

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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)
   Walter E. McCourt, A.M., 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)
    Isidor Loeb, LL.B., Ph.D., LL.D., Dean

V. The Henry Shaw School of Botany (2315 Tower Grove Avenue)
    George T. Moore, Ph.D., Director

VI. The School of Graduate Studies (Skinker Road and Lindell Boulevard)
    Frederick W. Shipley, Ph.D., LL.D., Litt.D., Dean

VII. The School of Law (Skinker Road and Lindell Boulevard)
     Joseph A. McClain, Jr., A.B., LL.B., J.S.D., Dean

VIII. The School of Medicine (Kingshighway and Euclid Avenue)
      Philip A. Shaffer, Ph.D., Dean

IX. The School of Dentistry (4559 Scott Avenue)
     Benno E. Liseher, D.M.D., Dean

X. The School of Nursing (416 S. Kingshighway)
    Ruth Ingram, A.M., Director

XI. The School of Fine Arts (Skinker Road and Lindell Boulevard)
     Edmund H. Wuerpel, D.F.A., Director

XII. The University College (Skinker Road and Lindell Boulevard)
     Frank M. Debatin, A.M.,¹ Dean
     William G. Bowling, A.M., Acting Dean

XIII. The Summer School (Skinker Road and Lindell Boulevard)
      Isidor Loeb, LL.B., Ph.D., LL.D., Director

The following school is also conducted under the charter of the University:

Mary Institute—A Preparatory School for Girls
    (Ladue and Warson Roads, Clayton)
    Charles H. Garrison, A.B., Principal

¹ On leave of absence, 1937-38.
### CALENDAR

#### 1938

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CALENDAR

1937-38

Registration, Tuesday, September 21, and Wednesday, September 22, 1937.
Academic Year (First Trimester) begins Thursday, September 23, 1937.
Holiday, Thanksgiving Day, Thursday, November 25, 1937.
First Trimester ends Saturday, December 11, 1937.
Second Trimester begins Monday, December 13, 1937.
Registration for Second Half-Year, Monday, January 31, and Tuesday, February 1, 1938.
Holiday, Washington's Birthday, Tuesday, February 22, 1938.
Second Trimester ends Saturday, March 12, 1938.
Third Trimester begins Monday, March 14, 1938.
Holiday, Good Friday, April 15, and Saturday, April 16, 1938.
Third Trimester ends Saturday, May 28, 1938.
Final Examinations begin Tuesday, May 31, 1938.
Commencement, Tuesday, June 7, 1938.

1938-39

Registration, Tuesday, September 20, and Wednesday, September 21, 1938.
Examinations for Advanced Standing and Removal of Conditions, Monday, September 19, to Wednesday, September 21, 1938, inclusive.
Academic Year (First Trimester) begins Thursday, September 22, 1938.
Holiday, Thanksgiving Day, Thursday, November 24, 1938.
First Trimester ends Saturday, December 10, 1938.
Second Trimester begins Monday, December 12, 1938.
Christmas Recess, Friday, December 23, 1938, to Tuesday, January 3, 1939, inclusive.
Registration for Second Half-Year, Monday, January 30, 1939.
Holiday, Washington's Birthday, Wednesday, February 22, 1939.
Second Trimester ends Saturday, March 11, 1939.
Third Trimester begins Monday, March 13, 1939.
Holiday, Good Friday, April 7, and Saturday, April 8, 1939.
Third Trimester ends Saturday, May 27, 1939.
Final Examinations begin Monday, May 29, 1939.
Commencement, Tuesday, June 6, 1939.
THE CORPORATION

President
MALVERN BRYAN CLOPTON

First Vice-President
ROBERT MCKITTRICK JONES

Second Vice-President
HARRY BROOKINGS WALLACE

Directors
CHARLES NAGEL
GEORGE OLIVER CARPENTER
ALFRED LEE SHAPLEIGH
ROBERT MCKITTRICK JONES
BENJAMIN GRATZ
HARRY BROOKINGS WALLACE
WILLIAM HENRY DANFORTH
DANIEL KAYSER CATLIN

DANIEL NOYES KIRBY
MALVERN BRYAN CLOPTON
EDWARD MALLINCKRODT, JR.
FRANK CHAMBLESS RAND
EUGENE DUTTON NIMS
ERNEST WILLIAM STIX
WILSON LINN HEMINGWAY
LEMUEL RAY CARTER

Treasurer, and Secretary to the Corporation
JOSEPH HENRY ZUMBALEN

Office in Robert S. Brookings Hall, Skinker Road and Lindell Boulevard
OFFICERS OF GOVERNMENT AND INSTRUCTION

GEORGE REEVES THROOP, A.B., A.M., Ph.D., LL.D., Bridge Chancellor of the University

WALTER EDWARD MCCOURT, A.B., A.M., Assistant Chancellor of the University

PHILIP ANDERSON SHAFFER, A.B., Ph.D., Dean

WILLIAM BAHLMANN PARKER, A.B., Registrar

PROFESSORS

JOSEPH ERLANGER, B.S., M.D., LL.D., Sc.D., Professor of Physiology

PHILIP ANDERSON SHAFFER, A.B., Ph.D., Professor of Biological Chemistry

ROBERT JAMES TERRY, A.B., M.D., Professor of Anatomy

LEO LOEB, M.D., Professor Emeritus of Pathology (from January 1, 1937) and Research Professor of Pathology

EVARTS AMBROSE GRAHAM, A.B., M.S., M.D., LL.D., Sc.D., Bixby Professor of Surgery

DAVID PRESWICK BARR, A.B., M.D., LL.D., Busch Professor of Medicine

OTTO HENRY SCHWARZ, M.D., Professor of Obstetrics and Gynecology

SHERWOOD MOORE, M.D., Professor of Radiology

LEE WALLACE DEAN, B.S., M.S., M.D., Professor of Otolaryngology

EDMUND VINCENT COWDRY, A.B., Ph.D., Professor of Cytology

JACQUES JACOB BRONFENBRENNER, Ph.D., Dr.P.H., Professor of Bacteriology and Immunology

GEORGE HOLMAN BISHOP, A.B., Ph.D., Professor of Biophysics

CORDIA C. BUNCH, A.B., A.M., Ph.D., Professor of Applied Physics in Otolaryngology

CARL F. CORI, M.D., Professor of Pharmacology

LAWRENCE TYLER POST, A.B., M.D., Professor of Clinical Ophthalmology and Head of the Department

ALEXIS FRANK HARTMANN, B.S., M.S., M.D., Professor of Pediatrics (from July 1, 1936)

HOWARD ANDERSON MCCORDOCK, B.S., M.D., Edward Mallinckrodt Professor of Pathology (from January 1, 1937)

ARTHUR LLEWELYN HUGHES, B.S., B.A., M.S., D.Sc., Consulting Physicist

LOUIS HERBERT BURLINGHAM, A.B., M.D., Lecturer on Hospital Administration

1 Arranged in groups in order of appointment, as of December 15, 1937. The staff list covers the years 1936-37 and 1937-38. In cases where different ranks were held in these years dates are given to indicate that fact.

2 For the year 1936-37 the functions of the office of the Dean were performed by an Administrative Committee—Philip A. Shaffer, Chairman, David P. Barr, Evarts A. Graham, Nathan Womack, Administrative Secretary.
JOHN VINCENT LAWRENCE, B.S., M.D., Director of Washington University Clinics and Assistant Professor of Medicine
FRANCIS RHODES FRY, A.B., A.M., M.D., Professor Emeritus of Neurology
ELSORTH STRIKE SMITH, A.B., A.M., M.D., Professor Emeritus of Clinical Medicine
HARRY STURGEON CROSSEN, M.D., Professor Emeritus of Clinical Obstetrics and Gynecology
HUGO EHRENFEST, M.D., Professor Emeritus of Clinical Obstetrics and Gynecology
MARTIN FEENBY ENGMAN, M.D., Professor of Clinical Dermatology
BORDEN SMITH VEEDEER, M.D., Professor of Clinical Pediatrics
SIDNEY ISAAC SCHWAB, M.D., Professor of Clinical Neurology
ERNST SACHS, A.B., M.D., Professor of Clinical Neurological Surgery
MAJOR GABRIEL SEELIG, A.B., M.D., Professor of Clinical Surgery
WILLIAM EWING SHAHAN, A.B., A.M., M.D., Professor of Clinical Ophthalmology
FREDERICK JOSEPH TAUSIG, A.B., M.D., Professor of Clinical Obstetrics and Gynecology
JOHN ROBERTS CAULK, A.B., A.M., M.D., Professor of Clinical Genitourinary Surgery
VILRAY PAPIN BLAIR, A.M., M.D., Professor of Clinical Surgery
MALVERN BRYAN CLOPTON, M.D., Professor of Clinical Surgery
ALBERT ERNST TAUSIG, A.B., M.D., Professor of Clinical Medicine
MEYER WIENER, M.D., Professor of Clinical Ophthalmology
JOHN ALBERT KEY, M.D., Professor of Clinical Orthopedic Surgery
GRANDISON DELANBEY ROYSTON, M.D., Professor of Clinical Obstetrics and Gynecology
QUITMAN UNDERWOOD NEWELL, M.D., Professor of Clinical Obstetrics and Gynecology
JEAN VALJEAN COOKE, A.B., M.D., Professor of Pediatrics (from July 1, 1937)
ARTHUR WALTER PROETZ, A.B., M.D., Professor of Clinical Otolaryngology (from July 1, 1937)
RICHARD WEISENBERG, M.D., Visiting Professor of Cytology.

ASSOCIATE PROFESSORS

WARREN PHILO ELMER, B.S., M.D., Associate Professor of Clinical Medicine
HARVEY LESTER WHITE, B.S., M.D., Associate Professor of Physiology
HARRY LOUIS ALEXANDER, A.B., M.D., Associate Professor of Clinical Medicine
WILLIAM FREDERIC HARDY, M.D., Associate Professor of Clinical Ophthalmology
JACOB JESSE SINGER, M.D., Associate Professor of Clinical Medicine
GLOVER H. Copher, A.B., M.D., Associate Professor of Clinical Surgery

1 Died January 25, 1937.
2 April 15, 1937 to April 15, 1938.
3 On leave of absence, 1937-38.
WILLIAM HARWOOD OLDESTED, B.S., M.D., Associate Professor of Clinical Medicine
MILDRED TRUSSER, A.B., M.S., Ph.D., Associate Professor of Anatomy
ARTHUR SCOTT GILSON, JR., B.S., A.M., Ph.D., Associate Professor of Physiology
LOUIS A. JULIANELLE, A.B., M.S., Ph.D., Associate Professor of Bacteriology and Immunology (1937-38) and Associate Professor of Applied Bacteriology and Immunology (1936-37)
DREW WILLIAM LUTEN, A.B., M.D., Associate Professor of Clinical Medicine
JOSEPH WILLIAM LARIMORE, A.B., M.D., Associate Professor of Clinical Medicine
GORDON H. SCOTT, A.B., A.M., Ph.D., Associate Professor of Cytology
THEODORE C. HEMPELMANN, M.D., Associate Professor of Clinical Pediatrics
HARRY WEBSTER LYMAN, M.D., Associate Professor of Clinical Otolaryngology
JAMES LEE O'LEARY, B.S., Ph.D., M.D., Associate Professor of Cytology
FREDERICK ENO WOODRUFF, A.B., M.D., Associate Professor of Clinical Ophthalmology
WILLIAM J. COLE, B.S., M.D., Associate Professor of Clinical Surgery
ROBERT ELMAN, B.S., M.D., Associate Professor of Surgery
PETER HEINBECKER, A.B., M.D., Associate Professor of Surgery
JAMES BARRETT BROWN, M.D., Associate Professor of Clinical Surgery
HUGH MCCULLOCH, A.B., M.D., Associate Professor of Clinical Pediatrics (from July 1, 1937)
HELEN TREDWAY GRAHAM, A.B., A.M., Ph.D., Associate Professor of Pharmacology (from July 1, 1937)
THOMAS KENNETH BROWN, B.S., M.S., M.D., Associate Professor of Clinical Obstetrics and Gynecology (from July 1, 1937)
ELLIS FISHEL, A.B., M.D., Associate Professor of Clinical Surgery (appointed July 1, 1937)

ASSISTANT PROFESSORS
WILLARD BARTLETT, A.B., A.M., M.D., D.Sc., Assistant Professor of Clinical Surgery
ARTHUR OSCAR FISHER, A.B., M.D., Assistant Professor of Clinical Surgery
FRANK HENRY EWERHARDT, M.D., Assistant Professor of Physical Therapeutics
MILLARD FILLMORE ARBUCKLE, M.D., Assistant Professor of Clinical Otolaryngology
ARTHUR MAXWELL ALDEN, A.B., A.M., M.D., Assistant Professor of Clinical Otolaryngology
HAROLD Aten BULGER, B.S., M.D., Assistant Professor of Medicine
CHARLES ALLEN STONE, B.S., M.D., Assistant Professor of Clinical Orthopedic Surgery
MARTIN HAYWARD POST, A.B., M.D., Assistant Professor of Clinical Ophthalmology

1 Resigned August 31, 1936.
MAX WILLIAM JACOBS, A.B., M.D., Assistant Professor of Clinical Ophthalmology
DUFF SHEDEKIC ALLEN, M.D., Assistant Professor of Clinical Surgery
FREDERICK OSCAR SCHWARTZ, M.D., Assistant Professor of Clinical Ophthalmology
DALTON KEATS ROSE, M.D., Assistant Professor of Clinical Genitourinary Surgery
HARVEY DENSMORE LAMB, A.B., M.D., Assistant Professor of Ophthalmic Pathology
RICHARD SIMON WEISS, M.D., Assistant Professor of Clinical Dermatology
ETHEL RONZONI BISHOP, B.S., A.M., Ph.D., Assistant Professor of Biological Chemistry
FRANK POWELL MCNALLEY, B.S., M.D., Assistant Professor of Clinical Obstetrics and Gynecology
CHARLES DARRELL O'KEEFE, A.B., M.D., Assistant Professor of Clinical Obstetrics and Gynecology
LAWRENCE DORLAND THOMPSON, B.S., M.D., Assistant Professor of Clinical Medicine
WALTER JOSEPH SIEBART, M.D., Assistant Professor of Pathology
GEORGE DEE WILLIAMS, A.B., A.M., M.D., Assistant Professor of Anatomy
ISAAC DEE KELLEY, Jr., B.S., M.D., Assistant Professor of Clinical Otalaryngology
MARGARET GLADYS SMITH, A.B., M.D., Assistant Professor of Pathology
ANDREW ELUCHER JONES, M.D., Assistant Professor of Clinical Neurology
RICHARD PADDOCK, M.D., Assistant Professor of Clinical Obstetrics and Gynecology
FRENCH KELLER HANSEL, M.S., M.D., Assistant Professor of Clinical Otalaryngology
DONALD M. HETLER, A.B., A.M., Ph.D., 1 Assistant Professor of Bacteriology and Immunology and of Public Health
GEORGE EDWIN HOURN, D.D.S., M.D., Assistant Professor of Clinical Otalaryngology
LOUIS K. GUGGENHEIM, M.D., 2 Assistant Professor of Clinical Otalaryngology
CLARENCE HARRISON CREGO, Jr., B.S., M.D., Assistant Professor of Clinical Orthopedic Surgery
FRANK URBAN, B.S., Ph.D., Assistant Professor of Biological Chemistry
OTTO ST. CLAIR KREBS, B.S., M.D., Assistant Professor of Clinical Obstetrics and Gynecology
BENNETT YOUNG ALVIS, B.S., M.D., Assistant Professor of Clinical Ophthalmology
BERNARD JOHN McMABON, A.B., M.S., M.D., Assistant Professor of Clinical Otalaryngology
LOUIS JOSEPH BIRSNER, M.D., Assistant Professor of Clinical Otalaryngology
WILLIAM BRYAN KOUNTZ, M.D., Assistant Professor of Medicine

1 Resigned June 30, 1937.
2 On leave of absence 1937-38.
GEORGE ARTHUR SEIB, A.B., M.D., Assistant Professor of Anatomy
JAMES BRAY COSTEN, A.B., M.D., Assistant Professor of Clinical Otolaryngology
WILLIAM BEAN WENDEL, B.S., Ph.D., Assistant Professor of Biological Chemistry, Chemist in Medicine and in Otolaryngology
ARCHIE DREYPUSS CARR, B.S., M.D., Assistant Professor of Clinical Neurology
PHILIP LEONARD VARNEY, B.S., M.S., Ph.D., Assistant Professor of Bacteriology and Immunology and of Public Health
NATHAN ANTHONY WOMACK, B.S., M.D., Assistant Professor of Clinical Surgery
DOROTHY WOLFF, A.B., M.A., Ph.D., Assistant Professor of Anatomy in Otolaryngology
MONROE DAVIS EATON, A.B., A.M., M.D., Assistant Professor of Bacteriology and Immunology
JOSEPH ROGERS DARNALL, M.D., Major, Medical Corps, U. S. Army, Assistant Professor of Military Science and Tactics
CAMPBELL H. GLASCOCK, D.D.S., Major, Dental Corps, U. S. Army, Acting Assistant Professor of Military Science and Tactics
THEODORE PREWITT BROOKES, M.D., Assistant Professor of Clinical Orthopedic Surgery (from July 1, 1937)
ROBERT JAMES CROSSEN, A.B., M.D., Assistant Professor of Clinical Obstetrics and Gynecology (from July 1, 1937)
LEONARD THOMPSON FURLOW, B.S., M.D., Assistant Professor of Clinical Neurological Surgery (from July 1, 1937)
AVERY PECK ROWLETTE, M.D., Assistant Professor of Clinical Surgery (from September 24, 1937)

RESEARCH ASSOCIATES
SAMUEL HOWARD BARTLEY, Ph.D., Research Associate in Biophysics and Psychology
GERTY T. CORI, M.D., Research Associate in Pharmacology (Fellow 1936-37)
A. SIDNEY HARRIS, B.S., Ph.D., Research Associate in Experimental Physiology in Otolaryngology (1937-38)

INSTRUCTORS
WALTER BAUMGARTEN, A.B., M.D., Instructor in Clinical Medicine
JEROME EPSTEIN COOK, M.D., Instructor in Clinical Medicine
LLEWELLYN SALE, M.D., Instructor in Clinical Medicine
ADRIEN BLEYER, M.D., Instructor in Clinical Pediatrics and Lecturer in Epidemiology
LOUIS HENRY HEMPELMANN, M.D., Instructor in Clinical Medicine
WALTER FISCHEL, A.B., M.D., Instructor in Clinical Medicine
WARREN ROBERT RAINNEY, M.D., Instructor in Clinical Surgery
ADOLPH HENRY CONRAD, M.D., Instructor in Clinical Dermatology
FRANK DE VORE GORIAM, A.B., M.D., Instructor in Clinical Medicine

1 Resigned June 30, 1937.
2 On leave of absence from October 13 to December 19, 1936.
3 October 13 to December 19, 1936.
ADOLPH GEORGE SCHLOSSSTEIN, M.D., Instructor in Clinical Obstetrics and Gynecology
CHARLES HERRMANN EYERMAN, M.D., Instructor in Clinical Medicine
ARTHUR EDGAR STRAUSS, B.S., M.D., Instructor in Clinical Medicine
PARK JERAULD WHITE, A.B., M.D., Instructor in Clinical Pediatrics
SAMUEL BECKER GRANT, B.S., M.D., Instructor in Clinical Medicine
JOSEPH EDGAR STEWART, M.D., Instructor in Clinical Orthopedic Surgery
PAUL JOHN ZENTAY, M.D., Instructor in Clinical Pediatrics
LEITH HOLLINSHEAD SLOCUMB, M.D., Instructor in Anatomy
LEE DE CADY, A.B., A.M., M.D., Instructor in Clinical Medicine
PAUL EDWARD KURTSCHHECK, B.S., M.D., D.Sc., Instructor in Neuropsychiatry and in Pediatrics
FREDERICK AUGUSTUS JOSTES, B.S., M.D., Instructor in Clinical Orthopedic Surgery
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
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 Otolaryngology (1936-37)
IRENE KOECHIG FREIBERG, A.B., A.M., Instructor in Biological Chemistry
JOSEPH FRANCIS BREDECK, A.B., M.D., Instructor in Clinical Medicine and Lecturer in Public Health Administration
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
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., Instructor in Clinical Neurology (1936-37)
ROLAND WENDELL HARRISON, A.B., M.S., Ph.D., Instructor in Applied Bacteriology and Immunology (1936-37)
ALFRED J. CONE, B.S., M.S., M.D., Instructor in Clinical Otolaryngology
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 Genitourinary Surgery

1 On leave of absence, 1936-37.
JOSEPH HOY SANFORD, M.D., Instructor in Clinical Genitourinary Surgery

OTTO JULIUS WILHELMI, B.S., M.D., Instructor in Clinical Genitourinary Surgery

JOHN E. HOBBS, A.B., M.D., Instructor in Obstetrics and Gynecology

HENRY SPENCE BROOKES, JR., M.D., Instructor in Clinical Surgery

JACOB G. PROBSTEIN, 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

CARL ISS 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

J. TED JEAN, A.B., M.D., Instructor in Clinical Medicine and Physician to Medical and Dental Students

LAWRENCE GOLDMAN, A.B., M.D., Instructor in Clinical Pediatrics

VAL BEYER SATTERFIELD, B.S., M.D., Instructor in Clinical Neurology

GROVER BERNARD LIESE, A.B., M.D., Instructor in Clinical Obstetrics and Gynecology

DUDLEY REEVES SMITH, M.D., Instructor in Clinical Obstetrics and Gynecology

HOWARD ROMMEL HILDRETH, M.D., Instructor in Clinical Ophthalmology

CYRIL MITCHELL MACBRYDE, A.B., M.D., Instructor in Medicine

CARL CONRAD BEISBARTH, B.S., M.D., Instructor in Clinical Ophthalmology

WILLIAM GOODWIN COLEMAN, B.S., M.D., Instructor in Clinical Dermatology

CLINTON WELSH LANE, A.B., M.D., Instructor in Clinical Dermatology

SAMUEL DAVID SOULE, M.D., Instructor in Clinical Obstetrics and Gynecology

ROBERT VOTAW, M.D., Instructor in Otolaryngology

MARTIN FEENEY ENGMAN, JR., M.D., Instructor in Clinical Dermatology

WENDELL GARRISON SCOTT, A.B., M.D., Instructor in Radiology

HIROMU TSUCHIYA, A.B., Sc.D., Instructor in Bacteriology and Immunology and in Public Health

A. NORMAN ARNESON, B.S., M.D., Instructor in Clinical Radiology and in Clinical Obstetrics and Gynecology

PAUL WILLIAM FREISLER, B.S., M.S., Ph.D., Instructor in Biological Chemistry

THOMAS PALMER FINDLEY, JR., A.B., M.D., Instructor in Clinical Medicine

LEON BROMBERG, A.B., M.D., Instructor in Clinical Medicine

ROSSLEEN ARNOLD HETLER, A.B., A.M., Ph.D., Instructor in Applied Nutrition in Otolaryngology (1936-37)

EDWIN HENRY RohlFING, M.D., Instructor in Clinical Pediatrics

MAX DEUTCH, M.D., Instructor in Clinical Pediatrics

FREDERICK AUGUST JACOBS, B.S., M.D., Instructor in Clinical Pediatrics

LEO GOTTLIEB, A.B., A.M., M.D., Instructor in Clinical Medicine

ALFRED D. HERSHEY, Ph.D., Instructor in Bacteriology and Immunology

STANLEY LEONARD HARRISON, B.S., M.D., Instructor in Clinical Pediatrics

DANIEL WILBUR MYERS, A.B., M.D., Instructor in Medicine
ARNOLD DE MERRITT WELCH, B.S., M.S., Ph.D., Instructor in Pharmacology
THEODORE CHARLES BAUERLEIN, A.B., M.D., Instructor in Medicine (1936-37)
JOSEPH CABELL JAUDON, A.B., M.D., Instructor in Clinical Pediatrics
EDGAR S. HILL, B.S., M.S., Ph.D., Instructor in Biological Chemistry
LOUIS L. TUREEN, B.S., M.D., Instructor in Clinical Neurology
EDWARD LEROY BURNS, M.D., Instructor in Pathology (January to June, 1937)
FRANKLIN EDWARD WALTON, B.S., M.D., Instructor in Clinical Surgery and Faculty Adviser on Internships (Assistant, 1936-37)
MARION CLAIRE MORRIS, A.B., M.S., Ph.D., Instructor in Bacteriology and Immunology (Assistant in Applied Bacteriology and Immunology, 1936-37)
MELVIN ANDREW ROBLEE, B.S., M.D., Instructor in Clinical Obstetrics and Gynecology (Assistant 1936-37)
KEVIN CHARLES MORNIN, M.B., B.Ch., Instructor in Clinical Obstetrics and Gynecology (Assistant, 1936-37)
SOL LONDE, B.S., M.D., Instructor in Clinical Pediatrics (Assistant, 1936-37)
ADOLPH CHARLES LANGE, B.S., M.D., Instructor in Clinical Ophthalmology (Assistant, 1936-37)
JAY CRAWFORD, A.B., B.S., M.D., Instructor in Clinical Ophthalmology (Assistant, 1936-37)
BARRETT LEARNED TAUSSIG, A.B., M.D., Instructor in Clinical Medicine (Assistant, 1936-37)
MAURICE NORMAN ORGEL, B.S., A.M., M.D., Instructor in Medicine (Assistant, 1936-37)
HENRY WOLFSER EDMONDS, A.B., M.D., Instructor in Pathology (Assistant, 1936-37)
BRIAN BREWER BLADES, A.B., M.D., Instructor in Clinical Surgery (1937-38)
RUSSELL JOHN BLATTNER, A.B., M.D., Instructor in Pediatrics (1937-38)
ROBERT WATKINSON HUNTINGTON, A.B., M.D., Instructor in Pediatrics (1937-38) (Fellow in Pediatrics 1936-38)
BRUCE DELOZIER KENAMORE, A.B., M.D., Instructor in Medicine (1937-38)
JOSEPH DUDLEY GREAVES, B.S., M.D., Ph.D., Instructor in Biological Chemistry (1937-38)
HENRY SCHWARTZ, A.B., M.D., Instructor in Neurological Surgery (1937-38)
PAUL WHEELER, M.D.,1 Instructor in Pathology (1937-38)

LECTURERS
JAMES M. DOUGLAS, LL.B.,2 Lecturer in Medical Jurisprudence
JOSEPH C. WILLETT, D.V.M., Lecturer in Public Health Diagnostic Methods
ROY EARL MASON, M.D., Lecturer in Clinical Ophthalmology
THOMAS B. POTE, D.V.S., M.D., Lecturer in Pathology
EDGAR VAN NORMAN EMERY, M.B., M.D., Lecturer in Psychiatry
THEODORE ROOSEVELT MEYER, M.D., Lecturer in Public Health Administration

1 Effective November 1, 1937.
2 Resigned April 1, 1937.
AGNES BAILEY BOWE, B.A., M.A., Lecturer in Public Health Nursing  
LORENZ E. ORDELHEIDE, B.S. in C.E., 1 Lecturer in Sanitation  
WILLIAM W. CROWDUS, LL.B., 2 Lecturer in Medical Jurisprudence  
HOWARD ERIC LIND, B.S., M.S., C.Ph., 3 Lecturer in Sanitation  

ASSISTANTS  
MAURICE JULIUS LONSWAY, B.S., M.D., Assistant in Clinical Pediatrics  
WILLIAM LUDWIG HANSON, M.D., Assistant in Clinical Otolaryngology  
LEE PETTIT GAY, A.B., M.D., Assistant in Clinical Medicine  
OLIVER ABEI, Jr., B.S., M.D., Assistant in Clinical Medicine  
WILLIAM GEORGE BECKE, M.D., Assistant in Clinical Medicine  
FRANCIS JOHN CANEPA, M.D., Assistant in Clinical Obstetrics and Gynecology  
LOUIS E. FREIMUTH, B.S., M.D., Assistant in Clinical Otolaryngology  
HELEN L. B. GAGE, B.S., M.D., Assistant in Clinical Otolaryngology  
MYRON WOODWARD DAVIS, M.D., Assistant in Clinical Obstetrics and Gynecology  
BEN DRAZIS SENTURIA, B.S., M.D., Assistant in Clinical Medicine  
HARRY WILLIAM WIESE, B.S., M.D., Assistant in Clinical Medicine  
ELMER RICHMAN, M.D., Assistant in Clinical Medicine  
HARRY NAYLOR GICK, A.B., M.D., Assistant in Clinical Otolaryngology  
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 (1936-37)  
FRANZ JOSEPH ARZT, M.D., Assistant in Clinical Obstetrics and Gynecology  
CHARLES EDWARD GILLILAND, B.S., M.D., Assistant in Clinical Medicine  
BERTRAND YOUNKER GLASSBERG, B.S., M.D., Assistant in Clinical Medicine  
ALLEN BREWER POTTER, A.B., M.D., Assistant in Clinical Otolaryngology  
KENNETH FRANKLIN GLAZE, B.S., M.D., Assistant in Clinical Medicine  
MARY ANNE MCLOON, A.B., B.M., M.D., Assistant in Clinical Pediatrics (1936-37)  
LILBURN CASPER BOEMER, B.S., M.D., Assistant in Clinical Otolaryngology  
ROBERT WILSON BARTLETT, B.S., M.D., Assistant in Clinical Surgery and in Anatomy  
EDWARD LAWRENCE KEYES, Jr., B.S., M.D., Assistant in Clinical Surgery  
CATHERINE C. BURMESTER, B.S., M.S., Assistant in Applied Chemistry in Otolaryngology (1936-37)  
GRACE MEHRTEN, A.B., M.A., 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  
PAUL ROLAND NEMOURS, B.S., M.D., Assistant in Clinical Otolaryngology (1936-37)  

1 Resigned December 1, 1937.  
2 Effective April 1, 1937.  
3 Effective December 1, 1938.
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 W. SCHEIRER, B.S., M.D., Assistant in Clinical Otolaryngology
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 Otolaryngology
OLIVE SCHREGARDUS O’BYRNE, A.B., Assistant in Applied Chemistry in Medicine
ALBERT CHESTERFIELD STUTSMAN, B.S., M.D., Assistant in Clinical Otolaryngology
FRANCES H. STEWART, M.D., Assistant in Clinical Obstetrics and Gynecology
GUERDAN HARDY, M.D., Assistant in Clinical Ophthalmology and in Clinical Otolaryngology
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
NOTLEY WILLIAM HAWKINS, A.B., 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
DAVID MILLER SKILLING, JR., B.S., M.D., Assistant in Clinical Medicine
MARTHA G. SEBEL, B.S., M.D., Assistant in Clinical Medicine
JOHN FRANKLIN PATTON, M.D., Assistant in Clinical Genitourinary Surgery
KENNETH O. WILSON, M.D., Assistant in Clinical Genitourinary Surgery
HARRY L. THIEME, B.S., M.D., Assistant in Clinical Orthopedic Surgery
LLOYD DAVID LINTON, B.S., Assistant in Applied Bacteriology in Otolaryngology
HANS LOUIS KLEINE, B.S., M.D., Assistant in Clinical Obstetrics and Gynecology
EUGENE MYRON BRICKER, M.D., Assistant in Surgery
ALAN DUNCAN CALHOUN, A.B., M.D., Assistant in Clinical Ophthalmology
ALLEN BERNARD ESCHENBRENNER, M.D., Assistant in Medicine (also Assistant in Pathology, 1936-37)
ORA JAMES GIBSON, A.B., A.M., M.D., Assistant in Obstetrics and Gynecology (1936-37)
KURT MANSBACHER, M.D., Assistant in Clinical Medicine
WILLIAM HENRY MEINBERG, JR., B.S., M.D., Assistant in Clinical Ophthalmology
LESLIE ENIDCOTT PATTON, B.S., M.D., Assistant in Clinical Obstetrics and Gynecology
WILLIAM RUSSELL SMITH, M.D., Assistant in Surgery (1936-37)
GEORGE J. L. WULFF, JR., A.B., M.D., Assistant in Clinical Obstetrics and Gynecology (Assistant in Obstetrics and Gynecology, 1936-37)

1 Resigned July 31, 1937.
PAUL FRANKLIN MAX, B.S., M.D., Assistant in Clinical Obstetrics and Gynecology
ROY LOUIS KILE, B.S., M.D., Assistant in Clinical Dermatology
KEITH SINGLETON WILSON, A.B., M.D., Assistant in Clinical Medicine
H. NOLAND FISHER, M.D., Assistant in Clinical Ophthalmology
SIM F. BEAM, A.B., M.D., Assistant in Clinical Medicine
MARIANNE KUTTNER, M.D., Assistant in Clinical Medicine
MELVIN STAEBLE, M.D., Assistant in Clinical Medicine
EDMUND BENNETT ALVIS, M.D., Assistant in Clinical Ophthalmology (Assistant in Ophthalmology, 1936-37)
DONALD MORRISON BALDWIN, M.D., Assistant in Obstetrics and Gynecology
LEE WALLACE DEAN, JR., B.S., M.D., Assistant in Otolaryngology
ROBERT WILLIAM ELLIOTT, A.B., M.D., 1 Assistant in Pathology
ALFRED FLEISHMAN, B.S., M.D., Assistant in Medicine
DAN HERTZ FUNKENSTEIN, A.B., M.D., Assistant in Surgery
ROBERT WILSON KELLEY, A.B., M.D., Assistant in Pathology (1936-37)
P AUL KUNKEL, A.B., M.D., 2 Assistant in Medicine
JOSEPH STONER LICHTY, A.B., M.D., 3 Assistant in Surgery
BRUCE CARSON MARTIN, M.D., Assistant in Surgery (1936-37)
RICHARD YOSHITAKA SAKIMOTO, M.S., M.D., Assistant in Obstetrics and Gynecology
GEORGE BENTON SANDERS, A.B., M.D., Assistant in Surgery
THEODORE EUGENE SANDERS, B.S., M.D., Assistant in Ophthalmology
HERBERT M. SMIT, M.D., Assistant in Clinical Otolaryngology
JOHN RUSSELL SMITH, A.B., A.M., M.D., Assistant in Medicine
RAYMOND FRANCIS HOLDEN, JR., B.S., M.D., Assistant in Clinical Medicine
MORRIS MOORE, B.S., A.M., Ph.D., Mycologist to the Department of Dermatology
FRANK L. BIGSBY, M.D., 4 Assistant in Surgery
HENRY CLINE ALLEN, M.D., Assistant in Pathology (1937-38)
NEWELL BATTLES, M.D., 5 Assistant in Ophthalmology
LYMAN A. BREWER, M.D., Assistant in Surgery (1937-38)
STEPHEN STUART ELLIS, A.B., M.D., Assistant in Surgery (1937-38)
AXEL GRONAU, M.D., Assistant in Bacteriology and Immunology (1937-38)
HEINZ HAFFNER, B.S., M.D., Assistant in Surgery (1937-38)
PAUL OONK HAGEMAN, A.B., M.D., Assistant in Medicine (1937-38)
ALVIAH GERRIT HEIDEMAN, M.D., Assistant in Clinical Surgery (1937-38)
HERMAN HUTTO, A.B., M.D., Assistant in Obstetrics and Gynecology
FRANK McDOWELL, A.B., M.D., Assistant in Surgery (1937-38)
ALLAN B. PHILLIPS, A.B., M.D., Assistant in Radiology (1937-38)
CARLTON PRICE, M.D., Assistant in Obstetrics and Gynecology (1937-38)
ALBERT C. REDMOND, M.D., 6 Assistant in Surgery (1937-38)

1 July 1 to December 31, 1936.
2 Resigned August 31, 1937.
3 July 1, 1936 to February 1, 1937.
4 March 1 to June 30, 1937.
5 Resigned October 1, 1937.
6 Resigned December 31, 1937.
HARRY DAVID ROSENBAUM, M.D., Assistant in Ophthalmology (1937-38)
LAWRENCE M. SHEFTS, M.D., Assistant in Pathology (1937-38)
RAY D. SNIDER, Ph.D., 1 Assistant in Cytology
HELMAN CHAIM WASSERMAN, A.B., M.D., Assistant in Clinical Obstetrics and Gynecology (1937-38)
AUBREY C. GOSE, M.D., Assistant in Pathology (1937-38)
JOHN WICKHAM SEDDON, Ph.B., M.D., Assistant in Clinical Medicine (1937-38)
KARL FREDERICK KOENIG, B.S., M.D., Assistant in Clinical Medicine (1937-38)
EDWARD WILKERSON, M.D., 2 Assistant in Medicine
JOSEPH GITT, M.D., Assistant in Clinical Neurology and Psychiatry (1937-38)
CARL FRANKLIN SCHAFF, M.D., Assistant in Clinical Medicine (1937-38)
CARRIE GILLASPY, A.B., 3 Assistant in Cytology

FELLOWS AND RESEARCH ASSISTANTS

LESLIE YOUNG, B.Sc., Ph.D., Commonwealth Research Fellow in Biological Chemistry (1936-37)
I. M. TARLOV, A.B., M.S., M.D., 4 Fellow in Neurological Surgery
FRED C. REYNOLDS, A.B., M.D., 5 Fellow in Neurological Surgery
ROY F. FAIRWEATHER, M.B., Ch.B., 6 Fellow in Pediatrics
RAYMOND ROY LANIER, JR., A.B., Fellow in Anatomy
MARION CLAIRE MORRIS, A.B., M.S., Research Fellow in Bacteriology (1936-37)
NELSON DE REZENDE, M.D., Research Fellow in Neuroanatomy (1936-37)
ALEXANDER GRAHAM MC DONNELL WEDDELL, M.B., B.S., Fellow in Neurological Surgery (Commonwealth Fund) (1936-37)
HENRY WIGDERSON, M.D., 7 Fellow in Neurological Surgery
EDITH ROBINSON, B.S., M.S., M.D., 8 Fellow in Pediatrics
EDWARD LEROY BURNS, M.D., Research Assistant in Pathology (July to December, 1936)
SAMUEL J. HAYWARD, Research Assistant in Pathology
VALENTINA SUNTZEFF, M.D., Research Assistant in Pathology
MARIAN MAY MOSKOP, A.B., Research Assistant in Pathology
DONALD M. PACKER, A.B., A.M., Ph.D., Research Assistant in Cytology

1 July 1 to August 31, 1937.
2 July 1 to December 31, 1937.
3 Effective September 1, 1937.
4 July 1 to August 31, 1936.
5 Resigned, March 31, 1937.
6 July 1 to October 31, 1936.
7 April 1, 1937 to March 31, 1938.
8 September 15, 1937 to June 30, 1938.
OFFICERS AND COMMITTEES OF THE FACULTY
OF THE SCHOOL OF MEDICINE

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SHERWOOD MOORE
LEE W. DEAN

EDMUND V. COWDRY
JACQUES J. BRONFENBRENNER
CARL F. CORI
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JOHN V. LAWRENCE
ALEXIS F. HARTMANN
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Hugh McCulloch, Secretary of General Faculty

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LIBRARY
Dr. Cori (Chairman), Drs. Alexander, Seelig.

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Dr. Burlingham (Chairman), Drs. Barr, Graham, Dean, Schwarz, Post.

ST. LOUIS CHILDREN’S HOSPITAL
Dr. Hartmann (Chairman), Drs. Graham, Dean, Miss Claiborne.

ST. LOUIS MATERNITY HOSPITAL
Dr. Schwarz (Chairman), Drs. Graham, Hartmann, Mrs. Keith.

EDWARD MALLINCKRODT INSTITUTE OF RADIOLOGY
Dr. Moore (Chairman), Drs. Graham, Shaffer, Barr, Terry, Hughes, Erlanger.

MCMILLAN HOSPITAL AND OSCAR JOHNSON INSTITUTE
Dr. Shaffer (Chairman), Drs. Barr, Dean, Post, Lawtence, Graham.

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Dr. Graham.

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Dr. Barr (Chairman), Drs. Fisher, Graham, Hartmann, Schwarz, Burlingham, Dean, Lawrence, Post, Clopton, Lohr, Misses Taylor, Ingram.

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1 The Dean is ex officio a member of all standing committees.
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Dr. Womack (Chairman), Drs. Barr, Findley, Post, Proetz, T. K. Brown.

TRACHOMA RESEARCH
Dr. Julianelle (Chairman), Drs. Cowdry, Bronfenbrenner, Shaffer, Post.

GRADUATE INSTRUCTION
Dr. Graham (Chairman), Drs. Barr, Schwarz, Moore, Dean, Post, Hartmann, Womack.

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Dr. Lawrence (Chairman), Dr. Bishop, Mr. Parker.

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Bursar

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Supervising Engineer

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Resident Auditor

ANN DUEKER
Assistant Bursar

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Manager, McMillan Hall and Cafeterias

DONALD MORRISON
Superintendent, Buildings and Grounds

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Power Plant Engineer

JAMES JOHNSTONE RITTERSKAMP, JR., B.S.B.A., LL.B.
Assistant Purchasing Agent

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Librarian (School of Medicine)

MAUDE McFARLAND HENNESSEY
Assistant Librarian (School of Medicine)

HELEN KAISER
Assistant Registrar (School of Medicine)

FRANK HENRY EWERHARDT, M.D.
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

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Organist
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Mrs. J. W. Fristoe
Mrs. Warren Goddard
Mrs. Alvin Goldman
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Mrs. R. McK. Jones
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Mrs. Louis LaBeaume
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Mrs. Emmett Myers
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Mrs. H. B. Wallace
Mrs. M. B. Wallace
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Mrs. Thomas H. West
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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

Physician in Chief
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
Arthur E. Strauss
Alfred Goldman
Samuel B. Grant
Lawrence D. Thompson
Anthony B. Day
Lee P. Gay
Lee D. Cady
Harold A. Bulger
Llewellyn Sale
John V. Lawrence
William G. Becke
Milo L. Heideman
Hiram S. Liggett
Oliver Abel, Jr.
Harry W. Wiese
Charles E. Gilliland
William B. Kountz
Louis H. Behrens
Howard Rusk
Julius Jensen
C. Malone Stroud
Kenneth Glaze
Louis H. Hempelmann
Charles Duden
J. Ted Jean
Louis F. Aitken
Elmer Richman
Joseph Bredeck
Cyril MacBryde
Marshall Seibel
Lee B. Harrison
Karl Koenig
Milton Smith
Thomas Findley
Cecil M. Charles
Albert H. Hamel
William Alexander Smith
Leon Bronberg
Edward Cannady
Harold Newman
Barrett L. Taussig
Leo Gottlieb
T. C. Bauerlein (1936-37)
Norman Orgel
John Seddon
David Skilling
BULLETIN OF WASHINGTON UNIVERSITY

SURGERY

Surgeon in Chief
Evarts A. Graham

Associate Surgeons
Ernest Sachs
Vilray P. Blair
John R. Caulk
Malvern B. Clopton
J. Albert Key

Assistant Surgeons
Arthur O. Fisher
Major G. Seelig
J. Edgar Stewart
Warren R. Rainey
Glover H. Copher
Dalton K. Rose
Charles A. Stone
Duff S. Allen
Roland M. Klemme
Theodore P. Brookes
James B. Brown
Frederick A. Jostes
J. Hoy Sanford
Otto J. Wilhelm
V. Rogers Deakin
Robert Elman
Peter Heinbecker
Henry S. Brookes, Jr.
Nathan A. Womack
Clarence H. Crego, Jr.
Edward L. Keyes, Jr.
Franklin Walton
John Patton
Robert W. Bartlett
Leonard T. Furlow
Louis T. Byars
Brian Blades
Ellis Fischel

Obstetrician and Gynecologist in Chief
Otto H. Schwarz

Associate Obstetricians and Gynecologists
Frederick J. Taussig
Grandison D. Royston
Quitman U. Newell
Hugo Ehrenfest
Frank P. McNalley
Charles D. O’Keefe

Assistant Obstetricians and Gynecologists
Adolph G. Schlossstein
Otto St. Clair Krebs
Richard Paddock
Robert J. Crossen
Grover B. Liese
T. Kenneth Brown
Dudley R. Smith
Charles Drakkin
Myron W. Davis
Franz Arzt
Melvin A. Roblee
Francis J. Canepa
Carl R. Wegner
John E. Hobbs
John B. O’Neill
Samuel D. Soule
Kevin C. Morrin
Willard C. Scriver
Frances H. Stewart
A. Norman Arnesen
Hans L. Kleine
Helman C. Wasserman
George J. L. Wulff
Ora J. Gibson
Leslie E. Patton
Paul F. Max

OTOLARYNGOLOGY

Otolaryngologist in Chief
Lee W. Dean

Assistant Otolaryngologists
Harry W. Lyman
Millard F. Armbuckle
Arthur W. Proetz
William L. Hanson
George E. Hourn
Arthur M. Alden
French K. Hansel
Bernard J. McMahon
James B. Costen

OBSTETRICS AND GYNECOLOGY

Consultant
Harry S. Crossen
Louis E. Freimuth
Isaac D. Kelley, Jr.
Louis J. Birsner
Alfred J. Cone
Allen B. Potter
Helen Gage
Fred W. Scherrer
Robert E. Votaw
L. C. Boemer
Paul R. Nemours (1936-37)
Harry N. Glick
A. Chesterfield Stutsman
Lee W. Dean, Jr.
H. M. Smit
Guernan Hardy
William Bryan

OPHTHALMOLOGY

Ophthalmologist in Chief
Lawrence T. Post

Associate Ophthalmologists
William E. Shahan
Meyer Wiener

Assistant Ophthalmologists
William F. Hardy
Frederick E. Woodruff
Max W. Jacobs
M. Hayward Post
Frederick O. Schwartz
Bennett Y. Alvis
William M. James
Harvey D. Lamb
Howard R. Hildreth
Carl Beisbarth
Grover H. Poos
Roy E. Mason
William Meinberg
H. Noland Fisher
Adolph C. Lange
Alan D. Calhoun

PEDIATRICS

Physician in Chief
Alexis F. Hartmann

Consulting Physician
Borden S. Veeder

Associate Physicians
Theodore C. Hempelmann
Hugh McCulloch
Jean V. Cooke

Assistant Physicians
Jacob J. Singer
Adrien S. Bleyer
Maurice J. Lonsway
Park J. White
Katherine Bain
Wayne A. Rupe
Edwin H. Rohlffing
Max Deutch
Paul E. Kubitschek
Joseph A. Bauer
Lawrence Goldman
Frederick A. Jacobs
Stanley L. Harrison
Sol Londe
Paul J. Zentay
Joseph C. Jaudon
Russell J. Blattner

DERMATOLOGY

Dermatologist
Martin F. Engman

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

Mycologist
Morris Moore

NEUROLOGY

Neurologist
Sidney I. Schwab

Assistant Neurologists
Andrew B. Jones
Archie D. Carr
J. William Beckmann (1936-37)
Val B. Satterfield
Louis Tureen
Paul Kubitschek

PATHOLOGY

Pathologist
Howard A. McCordock

Assistant Pathologists
Walter J. Siebert
Margaret Smith
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
Harold W. Rinesmith
James E. Rook

Assistant Dentist
Lester H. Jasper

MISCELLANEOUS

Physiologist
Joseph Erlanger

Chemist
Philip A. Shaffer

Anthropologist
Robert J. Terry

Physician in Charge of Physical Therapeutics
Frank H. Ewerhardt

Physicist
Cordia C. Bunch

Assistant Chemist, St. Louis Children's Hospital
Anne Macgregor Perley

HOUSE STAFF

MEDICINE

Resident
Daniel W. Myers (1936-37)
Paul Hageman (1937-38)

Assistant Residents
Keith Wilson (1936-37)
John Smith (July 1936 to December 1937)
Paul Kunkel (July 1936 to August 1937)
Edward Wilkerson (July to December 1937)
Alfred Fleishman (1937-38)

Interns
Benjamin Charles (June 1936 to December 1937)
Charles Hammelkamp (June 1936 to December 1937)
Nelson Saphir (December 1936 to June 1938)
Carl Smith (December 1936 to June 1938)
John Post (1936-37)
Jules Welch (1936-37)
Ray D. Williams (July 1937 to December 1938)
Frank Walker Reynolds (July 1937 to December 1938)

Artell Egbert Johnson (July 1937 to December 1938)
Eldred LaMonte Gann (January 1938 to June 1939)
Robert Wilson Kelley (January 1938 to June 1939)
Frank M. Petkevic (January 1938 to June 1939)
John E. Miksicek (1937-38)
Robert Allyn Little (1937-38)
James Willis Burks (1937-38)
Carl A. Wattenberg (1937-38)
Reed Dingman (January to March 1937)

Externs
Alfred Fleishman (1936-37)
Dan Eschenbrenner (1936-37)

SURGERY

Residents
Bradford Cannon (1936-37)
Eugene Bricker (1937-38)

Assistant Residents
Eugene M. Bricker (1936-37)
William Russell Smith (1936-37)
Dan H. Funkenstein (1936-38)
THE SCHOOL OF MEDICINE

Joseph S. Lichty (July 1936 to January 1937)
Bruce C. Martin (1936-37)
George B. Sanders (1936-38)
Frank L. Bigsby (March to June 1937)
Lyman A. Brewer (1937-38)
Stephen Ellis (1937-38)
Heinz Haffner (1937-38)
Frank McDowell (1937-38)
Albert C. Redmond (July to December 1937)

Interns

John Mercer Walker (1936-37)
Heinz Haffner (1936-37)
Lyman A. Brewer (1936-37)
Reed O. Dingman (1936-37)
Albert C. Redmond (1936-37)
Stephen S. Ellis (1936-37)
Frank McDowell (1936-37)
Thomas H. Burford (1937-38)
Emmett B. Drescher (1937-38)
Alfred Gelhorn (1937-38)
L. W. Guiss (1937-38)
Samuel P. Harbison (1937-38)
Charles E. Jacobson, Jr. (1937-38)
Carl Edward Lischer (1937-38)

OBSTETRICS AND GYNECOLOGY

Residents

George J. L. Wulff (1936-37)
Ora James Gibson (1936-37)
Richard Y. Sakimoto (1937-38)
Donald M. Baldwin (1937-38)

Assistant Residents

Richard Y. Sakimoto (1936-37)
Donald M. Baldwin (1936-37)
Carlton Price (1937-38)
Herman Hutto (1937-38)

Interns

Arthur R. Bortnick (1936-37)
James H. Herrod (1936-37)
Herman Hutto (1936-37)
Stephens J. Martin (1936-37)
Robert D. Wright (1936-37)
William Berman (1936-37)
Carlton Price (1936-37)
Elwyn N. Akers (1937-38)
Hubert L. Allen (1937-38)
Harry Hauptman (1937-38)
Morton R. Lazar (1937-38)

Lewis C. McVay (1937-38)
Frank A. Morrison (1937-38)
Charles P. Platz (1937-38)

Extern

Arthur R. Bortnick (1937-38)

OTOLARYNGOLOGY

Resident

L. W. Dean, Jr.—Resident in Pathology (December 1935 to June 1936)

Assistant Residents

John S. Agar (1936-37)
Allen Rawlins (1936-37)
Braswell Collins (1936-37)
W. H. McKenzie (July to December 1936)
Thomas J. Haughton (1937-38)
Ben H. Senturia (1937-38)
Lee K. Emenhiser (1937-38)
Thomas P. Manigan (1937-38)
Thomas P. Leonard (January to June, 1938)

Interns

Ben H. Senturia (1936-37)
Gordon E. Stone (1936-37)
Lee K. Emenhiser (1936-37)
Thomas P. Manigan (1936-37)
Thomas P. Leonard (January 1936 to December 1937)
Raymond S. Rosedale (1937-38)
Thomas Haughton (1936-37)
Thomas W. Wesson (1937-38)
Paul P. Hearn (1937-38)

Extern

Dewey St. John (July to December 1936)

OPHTHALMOLOGY

Residents

A. D. Calhoun (January to July 1936)
T. E. Sanders (July to December 1936)
E. B. Alvis (January to June, 1937)
W. H. McKenzie (January to June 1938)
Assistant Residents
T. E. Sanders (1936-37) (Leave of absence from January to April 1936)
E. B. Alvis (July to December 1936)
Harry D. Rosenbaum (January to June 1937)
Newell Battles (January to October 1937)
W. H. McKenzie (October to December 1937)
James Bryan (January to October 1938)

Interns
Harry D. Rosenbaum (January to December 1936)
A. Reas Anneberg (January to April 1936)
N. H. Battles (1936-37)
R. S. McLaughlin (1936-37)
W. H. McKenzie (January to December 1937)
Orwyn Ellis (January to December 1938)

Externs
Dewey St. John (January 1937 to June 1938)
C. L. Mahoney (July to December 1936)
R. O. Smith (1936-37)

PEDIATRICS

Residents
A. R. Eveloff (December 1935 to July 1936)
Russell Blattner (1936-37)
Fred C. Turley (January to July 1937)
Jack Basman (1937-38)

Assistant Residents
Fred C. Turley (January 1936 to December 1937)
Jack Basman (1936-37)
C. Jennings Derrick (January to July 1937)
Ralph Barlow (1937-38)
Gerald C. O’Neil (1937-38)
Ian Anderson (February to August 1937)

Interns (Junior Residents)
Ralph Barlow (1936-37)
C. Jennings Derrick (1936-37)
Grey C. Hughes (1936-37)
Bernard Schwartzman (1936-38)
J. W. Burnett (1936-37)
Gerald C. O’Neil (1936-37)
D. C. Pewterbaugh (November 1936 to June 1937)
Eleanor J. Rector (1937-38)
Edgar Hitchcock (1937-38)
Henry F. Saunders (1937-38)
Nathan R. Kahn (1937-38)
Ezra L. Evans (1937-38)
Marie H. Wittier (1937-38)
R. F. Fairweather (May to November 1938)

PATHOLOGY

Interns
Robert W. Kelley (1936-37)
Lawrence M. Shefts (1937-38)

RADIOLOGY

Assistant Resident
Allan B. Phillips (1937-38)

Intern
William Y. Burton (1937-38)
WILLIAM H. DANFORTH
MISS MILDRED MCCLUNEY
MR. T. W. VAN SCHOLACK
MRS. HARRY B. WALLACE
MRS. ROBERT HOLLAND
DR. DAVID P. BARR
DR. MALVERN B. CLOPTON, ex officio

Frank Gorham
Llewellyn Sale
E. Y. Glassberg
William Kountz
Anthony B. Day
Leo Gottlieb

Assistant Physician to Outpatients
Harold G. Newman

ALLERGY

Chief of Clinic
Harry L. Alexander

Physician in Charge
Charles H. Eyermann

Physician to Outpatients
Elmer Richman

Assistant Physician to Outpatients
Kurt Mansbacher

ANEMIA DIVISION

Physician in Charge
Lawrence D. Thompson

ARTHRITIS DIVISION

Physician in Charge
J. Albert Key

Assistant Physicians to Outpatients
Oliver E. Tjoflat
Hermann Rosenfeld
CARDIOVASCULAR DIVISION

Chief of Clinic
Arthur E. Strauss

Physicians to Out-Patients
Hiram S. Liggett
William Kountz

Assistant Physicians to Outpatients
David M. Skilling
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 Outpatients
Cyril M. MacBryde
B. Y. Glassberg

Assistant Physicians to Outpatients
Kurt Mansbacher
Cecil M. Charles
Ralph Hayden
Max Deutch

FOOD CLINIC DIVISION

Dietitian
Ruth Kahn

GASTROINTESTINAL DIVISION

Chief of Clinic
Joseph W. Larimore

Physician in Charge
Bruce Kenamore

Assistant Physician to Outpatients
Harold Scheff

NEUROLOGICAL DIVISION

Chief of Clinic
Sidney I. Schwab

Physicians to Outpatients
Andrew B. Jones
Archie D. Carr

Val B. Satterfield
Paul Edward Kubitschek
E. Van Norman Emery

Assistant Physician to Outpatients
Joseph Gitt

Psychologist
Barbara Standish Kendall

CHEST DIVISION

Chief of Clinic
Alfred Goldman

Assistant Physicians to Outpatients
Kenneth F. Glaze
Reuben Kaplan
Kurt Mansbacher
L. C. Miller

VASCULAR DIVISION

Surgeon to Outpatients
Peter Heinbecker

Physician at Outpatients
William Kountz

LABORATORY DIVISION

Technician
Genevieve Gray

VENEREAL CLINIC

Chief of Clinic
Louis F. Aitken

MEDICAL DIVISION

Physician in Charge
Louis F. Aitken

Assistant Physicians to Outpatients
Karl F. Koenig
Leo Gottlieb

DERMATOLOGICAL DIVISION

Physician in Charge
Clinton W. Lane

NEUROSYPHILIS DIVISION

Physician in Charge
Lee D. Cady
THE SCHOOL OF MEDICINE

Assistant Physicians to Outpatients
Cecil M. Charles
M. Norman Orgel

Ophthalmological Consultant
William M. James

OBSTETRIC DIVISION
Chief of Clinic
Otto H. Schwarz

Physician to Outpatients
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 Outpatients
Adolph H. Conrad
William G. Coleman
Clinton W. Lane

Assistant Physicians to Outpatients
Irwin H. Eskeles
James W. Bagby
Roy L. Kile

SURGICAL CLINIC
Surgeon in Chief
Evarts A. Graham

GENERAL SURGERY DIVISION
Chief of Clinic
Robert Elman

Surgeons to Outpatients
Ernest Sachs
Arthur O. Fisher
Glover H. Copher
Warren R. Rainey
J. Barrett Brown
Nathan Womack
Jacob G. Probststein
Harry S. Brookes, Jr.
Peter Heinbecker

Assistant Surgeons to Outpatients
Edward L. Keyes
Robert Bartlett
Franklin Walton
Burchard Pruett
Edwin C. Schmidtke

GENITOURINARY DIVISION
Chief of Clinic
Rogers Deakin

Assistant Surgeons to Outpatients
John Patton
K. O. Wilson
Carl J. Althaus
H. H. Feller
Jules H. Kopp
Harry Cutler

ORTHOPEDIC DIVISION
Chief of Clinic
J. Albert Key

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

Assistant Surgeons to Outpatients
Frederick A. Jostes
H. L. Thieme

PEDIATRIC CLINICS
Pediatrician in Chief
Alexis F. Hartmann

Chief of Clinics
Jean V. Cooke
GENERAL PEDIATRIC DIVISION
Physician in Charge
Jean V. Cooke
Physicians to Outpatients
Adrien Bleyer
Frederick A. Jacobs
Max Deutch
Katherine Bain
Assistant Physicians to Outpatients
Ben M. Bull
Sol Londe
Stanley L. Harrison
Voluntary Assistants
Marianne Kuttner
Harry E. Wachter

ALLERGY DIVISION
Physician in Charge
Katherine Bain

CARDIAC DIVISION
Physician in Charge
Hugh McCulloch

CONGENITAL SYPHILIS DIVISION
Physician in Charge
Edwin H. Rohling

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
Obstetrician and Gynecologist to Outpatients
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 Obstetrician and Gynecologists to Outpatients
Francis J. Canepa
Frances H. Stewart
Willard C. Scriver
John B. O'Neill
Hans L. Kleine
Helman C. Wasserman
George J. L. Wulff, Jr.
Ora James Gibson
Leslie E. Patton
Paul F. Max
Richard Y. Sakimoto
Donald M. Baldwin

OPHTHALMOLOGICAL CLINIC
Ophthalmologist in Chief
Lawrence T. Post
Chief of Ophthalmological Clinic
Adolph C. Lange
Ophthalmologists to Outpatients
William E. Shahan
Meyer Wiener
William F. Hardy
Frederick E. Woodruff
M. Hayward Post
Frederick O. Schwartz
Max M. Jacobs
Bennett Y. Alvis
Grover H. Poos
Carl C. Beisbarth
William M. James
H. Rommel Hildreth
J. S. Crawford
Assistant Ophthalmologists to Outpatients
Notley W. Hawkins
W. H. Meinberg
Noland Fisher
T. E. Sanders
Alan D. Calhoun

OTOLARYNGOLOGICAL CLINIC
Otolaryngologist 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 Outpatients**
George E. Hourn
Isaac D. Kelley, Jr.
James B. Costen
Bernard J. McMahon
Alfred J. Cone
Louis J. Birsner

**Assistant Surgeons to Outpatients**
Harry N. Glick
Helen Gage
Allen B. Potter
Lilburn C. Boemer
F. W. Scherrer
Robert Votaw
A. C. Stutsman
Guerdan Hardy
L. W. Dean, Jr.
H. M. Smit

**THE ST. LOUIS CITY HOSPITAL**

Visiting Consultants to the City Hospital\(^1\) and other City institutions are designated by Washington University to act as follows:

**MEDICINE**
**Active Consultants**
Thomas Findley
Julius Jensen

**Consultants**
D. P. Barr
Harry Alexander
Walter Fischel
Llewellyn Sale
Albert Taussig
W. H. Olmsted

**NEUROLOGY**
**Active Consultants**
Archie Carr
Joe Gitt
Louis Tureen

**DERMATOLOGY**
**Active Consultants**
Clinton W. Lane
William Coleman

**GENERAL SURGERY**
**Active Consultants**
Robert Elman
Peter Heinbecker
Franklin E. Walton
Nathan Womack

**PLASTIC SURGERY**
**Active Consultants**
J. B. Brown
L. T. Byars

**NEUROLOGICAL SURGERY**
**Active Consultant**
L. T. Furlow

**GENITOURINARY SURGERY**
**Active Consultants**
Otto Wilhelmi
John F. Patton
Kenneth Wilson

**ORTHOPEDIC SURGERY**
**Active Consultants**
J. Albert Key
Theodore P. Brookes
Frederick A. Jostes
H. R. McCarroll
H. L. Thieme

**Consultants**
J. Edgar Stewart
C. A. Stone

**OPHTHALMOLOGY**
**Active Consultants**
Lawrence T. Post
Alan D. Calhoun
Edmund B. Alvis
Theodore E. Sanders
Harry Rosenbaum
William H. Meinberg
Grover H. Poos

**OTOLARYNGOLOGY**
**Active Consultants**
Arthur Proetz
F. W. Scherrer
Bernard J. McMahon
Allen Potter
Herbert M. Smit

\(^1\) Appointed by the City upon nomination by the University.
HISTORICAL STATEMENT
THE SCHOOL OF MEDICINE

The teaching of medicine west of the Mississippi river began in the first half of the 19th century in response to the need of doctors for the rapidly growing populations of the Valley and the West. The first schools were established in existing collegiate institutions, the Roman Catholic St. Louis University, chartered in 1832, and the Protestant Episcopal Kemper College, incorporated 1837. Courses of instruction were offered by the Medical Department of Kemper College the fall and winter of 1840-41, and by the Medical Department of St. Louis University in 1842-43. From these origins two medical schools were developed, to be known later as the Missouri Medical College and the St. Louis Medical College.

Kemper College was closed in 1845, and in the following year Dr. Joseph Nash McDowell, the founder of its medical department, succeeded in establishing his faculty by legislative act in the State University of Missouri. In 1855 connection with the State University terminated and the Missouri Medical College, an independent school, was incorporated. In the same year, the faculty of the Medical Department of St. Louis University, through the leadership of Dr. Charles Alexander Pope, established the St. Louis Medical College, an institution which maintained independent status until 1891 when it became affiliated with Washington University. The work of McDowell's School was interrupted by the Civil War, but was resumed afterwards in new buildings, and again (1886) affiliated with the University of Missouri for a brief period. Finally, in 1899, in its second period as an independent school, it was united with the St. Louis Medical College in the Washington University Medical Department. The Medical Fund Society, an association of members of the St. Louis Medical faculty, created (1872-75) an endowment fund for the support of teaching.

The Washington University Medical Department was established in 1891 by the affiliation of the St. Louis Medical College with the University. Eight years later, on the union of the Missouri Medical College with the Department, the faculty

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1 For a complete historical statement of all departments of the University see catalogue of the College of Liberal Arts.
was enlarged, clinical facilities were increased, additional space and equipment were obtained, the curriculum was strengthened and greater opportunity for investigation provided. The Missouri Medical College building on Jefferson Avenue was remodeled and converted into the Washington University Hospital for teaching purposes and at this time (1905) the Maternity Department was opened and the Training School for Nurses begun. The Polyclinic Hospital, with an addition, became the Washington University Dispensary. The Martha Parsons Children's Hospital was affiliated in 1906.

In 1910 the Corporation of the University, appreciating the value of the service a medical school gives with the cooperation of the Medical Faculty to the community 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 with this staff clinical instructors chosen from the medical profession of St. Louis. These changes were made with the aid of funds donated by philanthropic citizens of St. Louis. The inspiration for this movement came from the late Robert Somers Brookings, President of the Corporation, who contributed his fortune toward the realization of his plans.

For four years the reorganized school continued to occupy the laboratory and clinic building erected by the Medical Fund Society on Locust Street, and as the University Hospital the building on Jefferson Avenue formerly used by the Missouri Medical College.

In 1914 the Washington University Medical School moved from these locations on Locust Street and on Jefferson Avenue 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, owned each
by a separate Board, entered into an affiliation with the University by which the Faculty of the School of Medicine constitutes the medical staffs and uses the wards for teaching and investigation.

Prior to the reorganization of the Medical Department the requirement for admission had been a four year high school course. In 1910 the requirements were raised to one year of collegiate study of specific subjects. In 1912 two college years, and in 1925 three years, were required. Four years of collegiate work leading to the bachelor's degree became, in effect, the requirement for admission in 1931.

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 School of Medicine, and their location together on one plot of ground (see frontispiece) makes this group of institutions for teaching purposes integral parts of the School of Medicine.

Members of the Faculty of the School constitute the professional staffs of these hospitals as well as of the University Clinics, an arrangement that makes for continuity of medical care and instruction in all divisions. The Clinics serve as outpatient departments of the hospitals, and furnish opportunities for instruction in the care of ambulatory patients.

About 125,000 visits are made yearly to the Washington University Clinics in all departments. The Barnes Hospital furnishes facilities for 450 potential beds, allocated mainly to the departments of medicine and surgery. The St. Louis Children's Hospital has 208 beds and the St. Louis Maternity Hospital 100 beds plus 100 bassinets. Patients on the ophthalmological and otolaryngological services of the McMillan Clinic are assigned to the various hospitals.

In these hospitals there is adequate equipment for the investigations necessary in diagnosis. In addition to the ward laboratories, there are in all departments of the School special laboratories with facilities for research.

The School is responsible also for the care of one-third of the patients in the St. Louis City Hospitals, the staffs for certain units being chosen by the faculty from its members. The facilities of these large and varied hospital services are being
increasingly used for teaching and research. The Isolation Hospital (for contagious disease), the City Sanitarium (for mental disease) are also used for study and teaching. Through arrangement with its staff, students observe patients in the St. Louis Shriners’ Hospital for Crippled Children, which adjoins the Medical School. The large number of patients available in these hospitals provides abundant and varied clinical material under favorable conditions for demonstration, examination and study by the students under immediate supervision of the staff.

LIBRARY OF THE SCHOOL OF MEDICINE

The Library is housed in one of the buildings of the School of Medicine. It contains (October 1, 1937) 53,995 bound volumes and receives 515 medical periodicals, selected with reference to the needs of students and investigators. Including obsolete journals, there are 727 complete sets of periodicals.

The library has acquired by gift and by purchase a number of private collections on medical history and on the various branches of clinical medicine. Among these is the collection of manuscripts, letters and other valuable material of the pioneer American physiologist, William Beaumont. A special room, the Beaumont Room, has been set aside in perpetuity for the exhibition of this priceless collection of documents.

Other libraries in St. Louis containing literature relating to medicine, which are available to students, include the library of Washington University, the Mercantile Library, the St. Louis Public Library, the library of the St. Louis Medical Society and the Library of the Missouri Botanical Garden.

The library is open week days from 8:30 a. m. to 10:00 p. m. During the summer vacation the hours are 9:00 a. m. to 5:00 p. m.
REQUIREMENTS FOR ADMISSION TO SCHOOL OF MEDICINE

The first year class is now 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. 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. Applications for admission should be filed at as early a date as possible, and under any circumstances before March 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 ten days after notification of acceptance. This deposit of fifty dollars will be applied toward the first payment of tuition, provided the applicant enters during the term for which the application was accepted. The deposit is not 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 (in-

\(^1\) 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.
cluding elementary quantitative analysis and 4 in organic), 8 of General Physics and 8 of Zoology.

(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 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 42).

REQUIRED SUBJECTS

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 OF FRENCH.** It is highly desirable 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 zoology, 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 possible, to add other courses in chemistry, particularly elementary 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. A knowledge of the elementary principles of the calculus should be acquired by those who are mathematically inclined.

Courses in psychology, general physiology and general bacteriology will prove useful, but in general it is advised that the college period be devoted rather to the basic sciences mentioned above 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. They should be filed at as early a date as possible, and under any 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 ten days after notification of acceptance. This deposit of fifty dollars will be applied toward the first payment of tuition, provided the applicant enters during the term for which the application was accepted. The deposit is not returnable.

Applicants for admission to advanced standing (1) must furnish evidence that the foregoing terms 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 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 credit in anatomy, chemistry, physiology, bacteriology, clinical chemistry and microscopy, pathology, and pharmacology may be permitted to enter the third year class. 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. Only rarely are new students accepted for the fourth year class.

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 regarded as qualified to participate in 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 offered concerning which full information will be given upon request. (See page 72.)

STANDING AND PROMOTION

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

The standing of students is determined by the average of the grades assigned by the several departments weighted in proportion to the number of hours taken. The passing grade in an individual course is seventy but a weighted average of less than 75 is regarded as unsatisfactory.

Promotion from one class to another is based on a review of the general standing and fitness of the student by Committees on Standing and Promotion, of which there are two, one for the first two years and one for the last two. Each of the departments concerned may be represented on these committees by three members, of which but one is entitled to vote. The decisions of the Committees are guided by rules which have been adopted by the Faculty.
(a) 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 conditions, the student may be allowed instead to pursue additional work in the subjects in which he is deficient before being admitted to the next class.

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

(c) 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 stated above.

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

(e) A student who, because of poor quality of work in courses, or for any other reason, is judged by the Committee as unfit for the practice of medicine, will be required to withdraw. A weighted average of less than seventy-five in any one year 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.

**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 students who have 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 become candidates for 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. Requirements for the degree are 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 degree is to be awarded. Compliance with the requirements 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 Faculty Adviser on Internships relative to obtaining 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. About forty-four intern appointments are at the disposal of the School. They 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 LECTURESHP

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

FELLOWSHIPS, STUDENT ASSISTANTSHIPS, AND SCHOLARSHIPS

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

A MEMORIAL FELLOWSHIP with a stipend of $500 or $600 is supported by a gift from an anonymous donor in memory of his brother. It is awarded for one year to a graduate of the School, preferably to a woman, for post-graduate study in anaesthesia, radiology, pathology, clinical pathology, immunology, public health or related fields. Application may be made to the Dean.

STUDENT ASSISTANTSHIPS are available 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 $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 preceding scholastic year on the recommendation of the Committee on Loans and Scholarships and the President of the Medical Alumni Association. Applications should be filed with the Dean.

The DR. JOHN B. SHAPLEIGH SCHOLARSHIP. Through a bequest of the late Dr. John B. Shapleigh, supplemented by contributions of the late Mrs. John B. Shapleigh and Miss Margaret Shapleigh, a fund has been established the annual income from which is used to pay the tuition of students who may be in need of assistance. The selection of the students to receive the benefit and the amounts awarded are determined by the Chancellor of the University on the recommendation of the Dean and the Executive Faculty. Applications should be filed with the Dean.
THE JACKSON JOHNSON FUND. Under the will of the late Jackson Johnson the sum of $250,000.00 was donated to the University, the income to be used to aid worthy and desirable students in acquiring and completing their medical education. From this fund a number of Honor Scholarships have been provided for students of outstanding ability and promise of high achievement who are applicants for the first year class. Each scholarship carries an annual stipend of at least $300.00 and not more than $1,000.00. The awards may be renewed for later years of the medical course. A few students of exceptional ability and personal fitness may thus receive both the distinction implied in the award and a substantial contribution toward the cost of their preparation for later service in medicine or medical science. Applications should be filed with the Dean.

Loans are available to students in the upper three classes of the School who are considered deserving 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.

The ELIZA MCMLLAN 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 may be made to the Dean, the award being made by the Chancellor.

The MEDICAL ALUMNI ASSOCIATION LOAN FUND. The Medical Alumni Association has established a loan fund from which awards are made to worthy medical students upon application to the Chairman of the Committee on Loans and Scholarships or to the President of the Medical Alumni Association.

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 medical education and who desire and intend to follow the practice of medicine and surgery. Application may be made to the Dean. Awards are made by the Chancellor.

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 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, 1938-39, is scheduled for Tuesday, September 20, and Wednesday, September 21, 1938; for the second half year, Monday, January 30, 1939. 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 with the next installment due for payment by 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 exceed 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

For undergraduate students now registered in the School the tuition fee is $400.00. For those matriculating in September 1938 the tuition fee is $500.00, payable in two equal installments, at the beginning of the first and second half years.

Students taking less than full work are charged $62.50 for the first one hundred hours or less of work. Students taking more than one hundred hours of work pay $50.00 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. This fee covers a complete medical and dental examination of the student on admission to the School and the services of a physician to students available daily for medical consultation throughout the year.

STUDENT ACTIVITIES

A fee of $10.20 a year, payable in two installments (one at the beginning of each semester) is charged all undergraduate students in the University for the support of athletics and several other student activities. This fee is under the control of the Board of Student Finances and provides admission to all athletic events and participation in certain other student activities. Students in the Medical School having a Bachelor’s degree are exempt of payment of this fee, but if paid by them carries the same privileges as available to 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 substage 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.

Supplies and books may be purchased at the book store located in the Medical School.

ESTIMATE OF EXPENSES

An estimate of the average annual expenses of a student in the School of Medicine, excluding the cost of clothes, laundry,  

1 Student Health Service is at present being extended and improved. The fee charged for this service may be increased somewhat at the beginning of the next school year.
microscope, and incidentals, is given below. The amounts will vary considerably, according to the individual.

<table>
<thead>
<tr>
<th>Item</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuition</td>
<td>$500.00</td>
</tr>
<tr>
<td>Breakage Deposit</td>
<td>10.00</td>
</tr>
<tr>
<td>Matriculation Fee</td>
<td>5.00</td>
</tr>
<tr>
<td>Health Service Fee</td>
<td>4.00</td>
</tr>
<tr>
<td>Books and Instruments $50.00 to 100.00</td>
<td>$50.00 to 100.00</td>
</tr>
<tr>
<td>Room and Board (from $6.00 to $15.00 a week)</td>
<td>210.00 to 500.00</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$779.00 to $1,119.00</strong></td>
</tr>
</tbody>
</table>

MEN'S DORMITORY OF THE SCHOOL OF MEDICINE

A dormitory building containing rooms for about fifty students is situated in close proximity to the School. A tennis court is available in the rear of the building, and there are public golf links, tennis courts and baseball grounds in nearby Forest Park. Each occupant must furnish his own sheets, pillow cases, counterpanes and blankets; otherwise the rooms are completely furnished.

The rental of a room is $90.00 an academic year, payable in two installments in advance, at the beginning of the school year and on February 1. Reservations are made upon the 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, 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 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 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 an-

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1 See footnote on page 46.
nouncements 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 is designed for students who have already received certain preliminary training. As stated in detail on p. 37, the student on entering the School must have a knowledge of chemistry, physics, biology, English and either German or French.

The medical curriculum, covering four years of 33 weeks each can be 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 interest of the student is concentrated primarily 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 half of this year, the study of physiology begins. During the first third 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 of training.

The second period, extending through the last two years, is devoted primarily to clinical work. The student receives practical instruction in the clinics and in the hospital wards of medicine, surgery, obstetrics and pediatrics and of the medical and surgical specialties. The work in the clinics occupies from six to eight hours per week for a year or more. Here the students under supervision act as physicians and as surgical dressers. During his assignment to the wards of the hospitals the student at first is given practice and instruction in history taking, physical examination and elementary diagnosis and may then spend his entire day in the wards with duties differing little from those of a junior intern. During this period courses are given in neurological pathology, surgical and gynecological pathology and in operative surgery on animals. Special emphasis is placed upon diagnosis of disease and treatment of patients. There are few purely didactic lectures. Instruction is given in clinics and at the bedside.
The scheduled courses, required of all students, occupy about thirty hours a week during thirty-three weeks in each school year. As far as possible the schedules are arranged so as to leave free several half days each week. Students who profitably can are encouraged to carry during such free time, and also during the summer, additional work in the subjects of their greatest interest. During any stage of his training the student may avail himself of the opportunity to further any special interest he may have in any one of the fundamental sciences or clinical subjects for which he can supply the prerequisites.

Optional courses are offered in all departments and supply a wide variety of subjects from which the student can make his choice. In general these courses are not assigned places in the schedule, and rarely is the number of hours specified; it is expected that such details will be arranged individually through consultation between the student and the instructor in charge.

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 during the summer months.
### First Year

<table>
<thead>
<tr>
<th>Subject</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dissection</td>
<td>395</td>
</tr>
<tr>
<td>Histology</td>
<td>201</td>
</tr>
<tr>
<td>Neuroanatomy</td>
<td>100</td>
</tr>
<tr>
<td>Biological Chemistry</td>
<td>264</td>
</tr>
<tr>
<td>Physiology</td>
<td>64</td>
</tr>
<tr>
<td>Military Science</td>
<td>(33)</td>
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Total, excluding Military Science: 1024

### Second Year

<table>
<thead>
<tr>
<th>Subject</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>Physiology</td>
<td>184</td>
</tr>
<tr>
<td>Bacteriology</td>
<td>168</td>
</tr>
<tr>
<td>Immunology</td>
<td>44</td>
</tr>
<tr>
<td>Pathology</td>
<td>311</td>
</tr>
<tr>
<td>Pharmacology</td>
<td>110</td>
</tr>
<tr>
<td>Medicine</td>
<td>209</td>
</tr>
<tr>
<td>Surgery</td>
<td>55</td>
</tr>
<tr>
<td>Military Science</td>
<td>(33)</td>
</tr>
</tbody>
</table>

Total, excluding Military Science: 1081

### Third Year

<table>
<thead>
<tr>
<th>Subject</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pathology</td>
<td>55</td>
</tr>
<tr>
<td>Medicine</td>
<td>242</td>
</tr>
<tr>
<td>Neur. &amp; Psychiatry</td>
<td>110</td>
</tr>
<tr>
<td>Dermatology</td>
<td>11</td>
</tr>
<tr>
<td>Surgery</td>
<td>291</td>
</tr>
<tr>
<td>Obstetrics and Gynecology</td>
<td>110</td>
</tr>
<tr>
<td>Ophthalmology</td>
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</tr>
<tr>
<td>Oto-Laryngology</td>
<td>22</td>
</tr>
<tr>
<td>Pediatrics</td>
<td>88</td>
</tr>
<tr>
<td>Pharmacology</td>
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</tr>
<tr>
<td>Public Health</td>
<td>44</td>
</tr>
<tr>
<td>Medical Jurisprudence</td>
<td>11</td>
</tr>
<tr>
<td>Stomatology</td>
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<tr>
<td>Anatomy</td>
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Total: 1050

### Fourth Year

<table>
<thead>
<tr>
<th>Subject</th>
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<tbody>
<tr>
<td>Pathology</td>
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<tr>
<td>Medicine</td>
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<tr>
<td>Neurology</td>
<td>55</td>
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<tr>
<td>Surgery</td>
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<tr>
<td>Obstetrics and Gynecology</td>
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<tr>
<td>Ophthalmoscopy</td>
<td>12</td>
</tr>
<tr>
<td>Electives</td>
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</table>

Total (excluding electives): 995

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1 In addition, each student is required to attend twelve deliveries.
THE SCHOOL OF MEDICINE

COURSES OF INSTRUCTION

ANATOMY

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

Professors Terry, Cowdry; Visiting Professor Weissenberg; Associate Professors Trotter, Scott, O'Leary; Assistant Professors Williams, Seib; Instructors Slocumb, Charles; Assistants Snider, Gillaspy, Bartlett; Fellow Lanier; Research Assistant Packer

The Department of Anatomy provides courses adapted to the medical curriculum and offers facilities for advanced study and research.

The courses for medical students are based upon laboratory study, supplemented by series of correlated lectures, demonstrations and recitations. Students are encouraged to learn anatomy at first hand from the living subject, from experimental evidence and from prepared material in the laboratories. Visits to clinical conferences, occasional attendance at autopsies, clinical lectures introduced into the anatomical lecture program are ways and means employed in the teaching plan. Because the several courses (gross anatomy, histology, neuroanatomy) are fundamental and, together with the other courses of the first year, introduce the beginner into the study of medicine, much thought has been given to their planning, and every effort is made to train the student in scientific method, for independence in work, and toward the development of high ideals of purpose and accomplishment.

Opportunity to pursue advanced study and investigation is provided for qualified students and graduates. Facilities for experimental work, especially in the fields of cytology and neuroanatomy, are excellent. Statistical studies of human anatomy, and research in physical anthropology, are provided for by extensive documented material.

FIRST YEAR

1. HUMAN DISSECTION. The course offers opportunity for the systematic study of the gross structure of the human body. 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.

(Drs. Terry, Trotter, Williams, Seib, Charles)

1 Resigned August 31, 1937.
2 Effective September 1, 1937.
2. HISTOLOGY. A laboratory course occupying five mornings a week during the first trimester. There are two lectures a week and many informal discussions in the laboratories. 201 hours. (Drs. Cowdry, Scott, O'Leary)

3. NEUROLOGY. A laboratory course occupying six mornings a week during the first half of the second trimester. Three weekly lectures are devoted to topics not easily accessible to the student. 100 hours. (Drs. O'Leary, Cowdry, 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. Demonstrations two hours a week during the second trimester. 22 hours. (Drs. Charles, Bartlett)

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. Dissection. A six-weeks' summer course in Anatomy is offered for students and physicians desiring to review the subject. Any of the following parts may be elected for study: head and neck, thorax and upper limb, abdomen and pelvis, lower limb. A fee will be charged for the course.

7. 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. Hours to be arranged.

8. 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.

9. 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. See Bulletin of The School of Graduate Studies.
BIOLOGICAL CHEMISTRY

Professor Shaffer; Assistant Professors Ethel Ronzoni Bishop, Urban; Instructors Freibergh, Preisler, Hill, Greaves

FIRST YEAR

3. BIOLOGICAL CHEMISTRY. Lectures, recitations, conferences and laboratory work covering those portions of the subject which are of the greatest importance to the student of medicine. Second semester, lectures and recitations five hours, and laboratory eleven hours a week. Lectures and recitations 81 hours, laboratory 183 hours.

(Drs. Shaffer, Ronzoni Bishop, Urban, Preisler, Greaves)

ELECTIVE COURSES

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

(b) Methods of Analysis. (Dr. Shaffer)

(c) Respiratory Metabolism. (Dr. Ronzoni Bishop)

(d) Physical Chemistry, as applied to biology. (Dr. Urban)

(e) Nutrition. (Dr. Greaves)

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 covering systematically the field of human physiology with experience in the laboratory, designed primarily to meet the needs of medical students. The laboratory experiments are selected with the double object of supplying a basis for the understanding of the more important physical methods employed in physiology and in clinical medicine and of elucidating certain fundamental physiological principles. As far as practicable the student serves as the subject
in these experiments. Open to students who have completed or have begun the study of anatomy and biological chemistry.

(a) Lectures and recitations. Second semester of the first year and first trimester of the second year. 110 hours.

(b) Laboratory. First trimester of the second year. 138 hours. (Drs. Erlanger, White, Gilson, 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 Course 2. 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; Associate Professor Julianelle; Assistant Professor Varney; Instructors Tsuchiya, Hershey, Morris; Assistants Mehrten, Gronau; Student Assistants Golden, Moore, Stillerman

**SECOND YEAR**

1. *Bacteriology.* The more important communicable diseases, caused by viruses, bacteria, fungi, protozoa and metazoa, are studied individually with respect to epidemiology, means of laboratory diagnosis, specific therapy and prophylaxis, and general measures of control. Fifteen hours a week during the first trimester. 168 hours. (Drs. Bronfenbrenner, Hershey, Julianelle, Morris, Tsuchiya and Varney)

2. *Infection and Immunity.* Consideration of the theories concerning the mechanism of immunologic reactions, both those occurring in vivo as well as those utilized for serologic
procedures of diagnosis in vitro. One lecture and three hours of laboratory work each week, second trimester. 44 hours. (Drs. Bronfenbrenner, Hershey, Julianelle, Morris, Tsuchiya and Varney)

ELECTIVE COURSES

3. Research. The facilities of the laboratory are open to those properly qualified for research in bacteriology and immunology. (Dr. Bronfenbrenner and Staff)

PUBLIC HEALTH

Professor Bronfenbrenner; Assistant Professor Varney; Instructor Tsuchiya; Lecturers Bredeck, Willett, Meyer, Ordelheide,1 Bowe, Lind2

THIRD YEAR

1. Public Health. Consideration of methods, regulatory and educational procedures leading to prevention of disease and health hazards and promotion of physical and mental well-being of the community. 44 hours. (Dr. Bronfenbrenner and Staff of Extramural Lecturers)

ELECTIVE COURSE

2. 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 health survey. The class meets on Friday afternoons during the second trimester. (Drs. Bredeck, Meyer, Varney)

PATHOLOGY

Edward Mallinckrodt Professor McCordock; Assistant Professors Siebert, Margaret G. Smith; Instructors Edmonds, Wheeler;3 Lecturer Pote; Assistants Allen, Shefts, Gose

SECOND YEAR

1. Pathology. Prerequisite courses for pathology are the required work in anatomy, physiology, biological chemistry and bacteriology. The course is subdivided as follows:

(a) Lectures and Laboratory Work. This course is designed primarily to acquaint students of medicine with the

1 Resigned December 1, 1937.
2 Effective December 1, 1937.
3 Effective November 1, 1937.
changes in function and the alterations in structure which occur in the common human diseases. The class is divided into small groups and wherever possible the teaching consists of practical work with post-mortem material. Lectures and laboratory work, eleven hours a week in the second trimester and thirteen hours in the third trimester. 256 hours.

(Drs. McCordock, Siebert, Smith and Staff)

(b) Recitations. Two hours a week in the second trimester and one hour a week in the third trimester. 33 hours.

(Dr. McCordock and Staff)

(c) Conduct of Autopsies. Students are instructed in the methods of post-mortem examination. In small groups they assist at autopsies and record the gross anatomical changes in an objective manner. Later they correlate these with the microscopical findings.

(Drs. McCordock, Siebert, Smith and Staff)

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. 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.

(Drs. McCordock, Siebert, Smith)

THIRD AND FOURTH YEARS

2. Clinical and Pathological Conference. The clinical history and treatment of patients who have died are discussed before the class by the physicians and surgeons of the departments concerned. These conferences afford the students an opportunity to interpret the clinical observations in the light of the post-mortem findings. One hour a week during five trimesters. 55 hours.

(Drs. McCordock, Siebert, 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.

(Dr. McCordock)

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

(Dr. McCordock)
THE EDWARD MALLINCKRODT DEPARTMENT OF PHARMACOLOGY

PROFESSOR CARL F. CORI; ASSOCIATE PROFESSOR HELEN TREDWAY GRAHAM; RESEARCH ASSOCIATE GERTY T. CORI; INSTRUCTOR A. DE M. WELCH

SECOND AND THIRD YEARS

1. Pharmacology. (a) Lectures, recitations and demonstrations covering the general field of pharmacology, including toxicology, chemotherapy and prescription writing. 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.

(b) Laboratory Course. A course arranged to demonstrate the chemical properties and pharmacological action of the more important drugs, and at the same time to familiarize the student with methods and processes used in experimental pharmacology. Six hours a week during the second trimester of the second year. 66 hours.

(a) or (b) may be taken alone by special students. Prerequisite, anatomy, biological chemistry and physiology.

(Drs. Cori, Graham, Welch)

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. TAUS SIG; ASSOCIATE PROFESSORS ELMER, H. L. ALEXANDER, SINGER, OLMSTED, LUTEN, LARIMORE; ASSISTANT PROFESSORS EWERHARDT, BULGER, LAWRENCE, THOMPSON, KOUNTZ; INSTRUCTORS BAUMGARTEN, COOK, SALE, LOUIS H. HEMPELMANN, FISCHEL, GORMAN, EYER MANN, STRAUSS, GRANT, Cady, ALFRED GOLD MAN, LIGGETT, DUDEN, JENSEN, BRED ECK, DAY, HEIDEMAN, RUSK, STRoud, AITKEN, JEAN, MACBRYDE, FINDLEY, BROMBERG, GOTTLIEB, MYERS, BARRETT TAUS SIG, ORGEL, KENAMORE; ASSISTANTS GAY, ABEL, BECKE, SENTURIA, WIESE, RICHMAN, GILLI LAND, GLASBERG, GLAZE, MILTON SMITH, LEE B. HARRISON, O'BYRNE, BARGER, CANNADY, MILLER, NEWMAN, SKILLING, SEIBEL, CHARLES, MANS BACHER, WILSON, BEAM, STAEBLE, KUTTNER, ESCHENBRENNER, FLEISHMAN, KUNKEL, JOHN SMITH, HOLDEN, HAGEMAN, SEDDON, KOENIG, SCHEFF, WILK E RSON; STUDENT ASSISTANT BIERMAN

Instruction in medicine commences with the second trimester of the second year and continues throughout the third and fourth years of the curriculum. The teaching of the second year has two main objectives—first, the correlation of the basic sciences with the clinical aspects of disease, and secondly, training in the technical methods of history taking, physical diagnosis and clinical microscopy. By the beginning of the third year the student is prepared for supervised clinical study of individual patients in the wards of Barnes Hospital. Simultaneously he receives formal instruction in the natural history of disease and in medical therapeutics. In the final year each student acts for three months as clinical clerk in the medical clinics, and in the wards of Barnes Hospital and the St. Louis City Hospital. During this period frequent conferences are held for the discussion of clinical, pathological, radiological and therapeutic aspects of selected cases.

SECOND YEAR

1. ELEMENTARY MEDICINE.

(a) Introductory Clinic. Observation and interpretation of the symptoms and signs of disease, with special reference to pathological anatomy and physiology. Approximately one-sixth of the course is devoted to the discussion of psychobiology. Two hours each week during the second and third trimesters. 44 hours.

(Drs. Barr, Schwab, Bulger, MacBryde)

1 On leave of absence 1937-38.
2 July 1 to Dec. 31, 1937.
(b) Physical Diagnosis. Lectures, demonstrations and practical exercises in the technique of physical diagnosis. Instruction and practice in history taking. Four hours each week during the second trimester. Three hours each week during the third trimester. 77 hours.

(Drs. Barr, Aitken, Myers and Assistants)

(c) Clinical Chemistry and Microscopy. Lectures and laboratory course in methods of microscopic and chemical diagnosis. Eight hours each week during the third trimester. 88 hours.

(Dr. Thompson and Assistants)

THIRD YEAR

2. CLINICAL STUDY OF PATIENTS UNDER SUPERVISION IN THE WARDS OF BARNES HOSPITAL. A student is assigned each week one case for complete study and written report. Frequent informal conferences are held. Two hours five days each week for one trimester. 110 hours.

(Drs. B. Taussig, Myers, Orgel, Seddon)

3. THERAPEUTICS. General survey of methods and principal agencies employed in the medical treatment of disease. One hour each week during second trimester. 11 hours.

(Dr. Barr)

4. DIETETICS. Lectures and recitations on the principles and practice of dietetics. One hour each week during the second and third trimesters. 22 hours.

(Dr. Olmsted)

5. MEDICINE RECITATION. General survey of the natural history and special treatment of disease, with assigned reading in a textbook of medicine. Two hours each week throughout the year. 66 hours.

(Drs. Grant, Goldman)

7 (a) MEDICAL CLINICS. 33 hours. (See under Fourth Year).

FOURTH YEAR

6. MEDICINE.

(a) Clinical Clerkship in Barnes Hospital. With the exception of the hour for noon clinics, the entire day is spent in the wards. Cases are assigned for complete study and report. Ward rounds and frequent informal conferences are held. 144 hours.

(Drs. Barr, Alexander and Staff)

(b) Clinical Clerkship in City Hospital. Mornings are devoted to the study and review of patients in the medical wards. Ward rounds and conferences are held. 72 hours.

(Drs. Findley, Jensen and Staff)
(e) Clinical Clerkship in Washington University Clinics. Students act as physicians in the Medical Clinic under the supervision of consultants.
(Drs. Alexander, Cook, Fischel, Jean, Kountz, Rusk, Sale)

7. MEDICAL CLINICS.
(a) Cases which have been investigated by students working in the wards are presented before the third and fourth year classes. Once each week throughout the year. 33 hours.
(Drs. Barr, Alexander, Albert Taussig)
(b) The diagnosis and treatment of certain medical specialties are discussed. These include diseases of metabolism and of the heart, lungs and gastrointestinal tract. Once each week throughout the year. 33 hours.
(Drs. Larimore, Luten, Olmsted, Goldman, Thompson)

8. CLINICAL PATHOLOGICAL CONFERENCE. (See Pathology 2).

ELECTIVE COURSES

9. Diagnosis and Treatment of Venereal Diseases. Clinical Clerkship in the Night Venereal Clinic of Washington University Clinics. (Drs. Lawrence, Aitken and Staff)

10. Diagnosis and Treatment of Diseases of Gastrointestinal Tract. Clinical Clerkship in the Gastrointestinal Clinic of Washington University Clinics. (Dr. Kenamore)

11. Diagnosis and Treatment of Diseases of the Heart. Clinical Clerkship in the Cardiac Clinic of Washington University Clinics.
(Drs. Strauss, Liggett)

12. Medical Diagnosis. Clinical Clerkship in the Afternoon Medical Clinic of Washington University Clinics.
(Dr. Seibel)

13. Applied Immunology. Open to a limited number of students. Hours by arrangement.
(Dr. Alexander)

NEUROLOGY AND PSYCHIATRY

Professor Schwab; Assistant Professors Jones, Carr; Instructors Kubitschek, Satterfield, Tureen; Lecturer Emery; Assistants Kendall, Gitt

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.  
(Dr. Schwab)

(b) Neuropathology. Lectures, lantern slides and laboratory demonstrations of the material covered in Course (a), with a study of gross and microscopic lesions of the nervous system, fibre tracts, etc. Exercise in examination and description of microscopic preparations of the more common diseases of the nervous system. Two hours a week, first trimester, 22 hours.  
(Dr. Tureen)

(c) Neurological Clinic. The diagnosis and treatment of neuroses from the standpoint of psychobiology. Case material and clinic patients are used for purposes of discussion. One hour a week for two trimesters. 22 hours.  
(Dr. Satterfield)

2. CLINICAL PSYCHIATRY. A review of abnormal psychology followed by a discussion of psychoses and neuroses with case presentation at the City Sanitarium. 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 psychiatrical cases as are suitable for hospital treatment are studied. Two hours a week for one quarter for each medical group. 16 hours.  
(Drs. Schwab, 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 four quarters. 32 hours.  
(Dr. Schwab)

ELECTIVE COURSE

5. Correlation of medical and neurological problems with clinical demonstrations and case reports. One hour per week during one quarter of the fourth year. 8 hours.  
(Dr. Carr)

DERMATOLOGY

PROFESSOR MARTIN F. ENGMAN; ASSISTANT PROFESSOR WEISS; INSTRUCTORS CONRAD, COLEMAN, LANE, MARTIN F. ENGMAN, JR.; ASSISTANTS ESKELES, KILE; MYCOLOGIST MORRIS MOORE

THIRD YEAR

1. DERMATOLOGY. A lecture course on diseases of the skin and on syphilis preliminary to clinical courses of the fourth
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. (Dr. Engman)

FOURTH YEAR

2. An elective course, in which the student examines patients and is instructed in the diagnosis and treatment of diseases of the skin. Eight hours a week for four weeks. 32 hours. Other hours by arrangement.

(Drs. Engman, Weiss, Conrad, Coleman, Lane, Engman, Jr.)

THE MARY CULVER DEPARTMENT OF SURGERY

(The Department of Surgery includes General Surgery, Orthopedic Surgery, Neurological Surgery, and Genitourinary Surgery.)

BIXBY PROFESSOR EVARTS A. GRAHAM; PROFESSORS SACHS, SEELEI, CAULK, VILRAY P. BLAIR, CLOPTON, KEY; ASSOCIATE PROFESSORS COPHER, ELMAN, HEINBECKER, J. BARRETT BROWN, ELLIS FISCHER; ASSISTANT PROFESSORS WILLARD BARTLETT, ARTHUR O. FISHER, STONE, ALLEN, ROSE, CREGO, WOMACK, THEODORE P. BROOKES, FURLOW, ROWLETTE; INSTRUCTORS KAINEN, J. EDGAR STEWART, JOSTES, KLEMMKE, DEAKIN, SANFORD, WILHELM, HENRY S. BROOKES, JR., PROBSTEIN, WALTON, BLADES, SCHWARTZ; ASSISTANTS KEYES, ROBERT BARTLETT, BYARS, CANNON, PATTON, WILSON, THIEME, BRICKER, W. R. SMITH, FUNKENSTEIN, G. B. SANDERS, BREWER, ELLIS, HAFFNER, HEIDEMAN, McDOwELL, REDMOND; FELLOW WIGDERSON

INTRODUCTORY NOTE

The instruction in the Department of Surgery begins with an introduction to surgical principles at the end of the second year. In the junior year the students take their work in the outpatient department. This is arranged in such a manner that the students spend two mornings a week at the outpatient department of the St. Louis City Hospital No. 1, where they see many fractures and other acute traumatic cases. In addition to other courses a systematic survey of the general field of surgery is given in a conference and recitation course in which the class is divided into two sections in order to provide a more personal contact of the instructor with the students. The other courses in the junior year require no special comment. The principal teaching of clinical surgery is conducted in the senior year by means of ward clerkships. A large number of patients is provided for this work through the use of the wards of the Barnes and the St. Louis Children's Hospitals which immediately adjoin each other. The wards of St. Louis
City Hospital No. 1 are also used for this purpose. The senior surgical group spends one-half of its time at the Barnes and St. Louis Children's Hospitals and one-half at the City Hospital. The St. Louis Shriners' Hospital for Crippled Children is used for special lectures and demonstrations in the field of orthopedic surgery. During the time that each student serves as a ward clerk he will have between 30 and 40 cases of immediate concern to him. Daily ward conferences and the various dry clinics give opportunities for the students to become familiar not only with their own cases but with many other cases as well. Special instruction in history writing, in examination of the patient and in various diagnostic and therapeutic techniques is given to small groups by the resident and assistant residents. These small groups are in the nature of tutorial classes. The students are also offered the privilege of attending all operations and usually they may participate as assistants in the operations on their own cases. During the period of ward clerkship each student will have for personal study a few cases representing the various specialties of surgery but the principal concentration of instruction is on the general surgical cases, particularly those of a sort which will be encountered by the general practitioner.

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. The course includes the demonstration of patients illustrating various points under discussion. Five hours weekly during the third trimester. 55 hours. (Dr. Heinbecker)

THIRD YEAR

2. SURGERY. The course is subdivided as follows:
   (a) SURGICAL OUT CLINIC. For one trimester a third of the class serve as dressers. Cases are examined by the students and demonstrated to them. Special attention is devoted to follow-up cases. Under the supervision of assistants, the students take histories and apply dressings and bandages. 99 hours. (Drs. Elman, Womack, Heinbecker, Rainey, Walton, H. S. Brookes, Pruett, Schmidtke)
   (b) SURGICAL RECPITATIONS. A weekly discussion during the first and second trimesters on assigned surgical reading. The principles of surgery and many of the more common sur-
gical conditions are considered. Standard textbooks and selected articles from the recent literature are freely consulted. The class is divided into two sections for this course. 22 hours.  
(Drs. Elman, Heinbecker)

(c) FRACTURES. Demonstrations, conferences and lectures on the more common fractures. This systematic presentation of the subject is preliminary to the extensive clinical experience in fractures offered to the senior students at the City Hospital. One hour weekly during the third trimester. 11 hours.  
(Drs. Key, Copher, Stewart)

(d) OPERATIVE SURGERY. A three-hour exercise given weekly during the third trimester. The 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.  
(Drs. Walton, Blades)

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

(g) GENITOURINARY SURGERY. Lectures and recitations in genitourinary surgery. Third trimester. 11 hours.  
(Dr. Caulk)

3. SURGICAL PATHOLOGY. Weekly exercises of two hours for three trimesters, at which time the early pathological changes are considered from the standpoint of their clinical manifestations. Pathological material from the museum and operating room is studied both in the gross and microscopically. 66 hours.  
(Drs. Womack, Walton)

FOURTH YEAR

4. SURGERY. The course is subdivided as follows:

(a) SURGICAL WARDS. For one quarter the student serves as assistant in the surgical wards. Half of the surgical group are at the St. Louis City Hospital No. 1 for a period of four weeks while the other half is at the Barnes and the St. Louis Children's Hospitals. The group at the City Hospital spends all of every day at that hospital except for noon clinics from
12 to 1 throughout the week at the Barnes Hospital and except for a clinical pathological conference from 4 to 5 on Monday afternoons which is given in the Medical School. The group at the Barnes and the St. Louis Children’s Hospitals spend its mornings and the late afternoons in the wards of those hospitals. Conferences on selected patients are held from 9 to 10 a.m. General and special surgical cases are discussed by members of the staff. The students take the 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. Those who are especially interested may apply and receive instruction in practical anesthesia. 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). 216 hours. (Dr. Graham and Staff)

(b) **Surgical Clinic.** A weekly exercise throughout four quarters. Patients presenting the more usual general surgical conditions are presented and their diagnostic and therapeutic problems are discussed. Students of the third year also attend this clinic. 33 hours. (Dr. Graham)

5. **Orthopedic Out Clinic.** Each student attends daily for two weeks. 24 hours. (Drs. Key, Stone, Stewart, T. P. Brookes, Jostes, Thieme)

6. **Genitourinary Out Clinic.** Each student attends daily for two weeks. 24 hours. (Drs. Deakin, Patton, Wilson, Althaus, Feller, Kopp, Cutler)

**Elective Courses**

7. **Neurological Surgery.** Eight lectures in the first quarter of the fourth year. The lectures comprise a review of the anatomy and physiology of the nervous system as applied to neurosurgery and a discussion of the principal conditions encountered in neurological surgery. (Drs. Sachs, Furlow)

10. **Postoperative Care.** Eight lectures and demonstrations in the fourth quarter of the fourth year. Both the normal and complicated postoperative developments are discussed. (Dr. 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 credit, the weekly staff meeting, at which topics of interest, recent surgical pathological material, and current surgical literature are discussed.

13. **Tumor Clinic.** Approved students may attend, without credit, the weekly staff tumor clinic in the Barnes Hospital. (Drs. Copher, Womack)

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

**RADIOLOGY**

Professor Sherwood Moore; Consulting Physicist Hughes; Associate Professor Larimore; Instructors Zink, Scott, Arneson; Assistant Phillips

**ELECTIVE COURSE**

*Principles of Roentgenology.* A course of lectures and demonstrations for fourth year students. Three one-hour periods per week for four weeks. 12 hours. (Drs. Moore, Zink)

**OPHTHALMOLOGY**

Professors Lawrence T. Post, Shaham, Wiener; Associate Professors William F. Hardy, Woodruff; Assistant Professors M. Hayward Post, Jacobs, Schwartz, Lamb, B. Y. Alvis; Instructors Poos, James, Hildreth, Beisbarth, Lange, Crawford; Lecturer Mason; Assistants Hawkins, Calhoun, Meinberg, Noland Fisher, T. E. Sanders, E. B. Alvis, Rosenbaum, Battles

**THIRD YEAR**

1. **OPHTHALMOLOGY.** One lecture a week is given in the third trimester. 11 hours. (Dr. Wiener)

**FOURTH YEAR**

2. **OPHTHALMOSCOPY.** Lectures and dark room demonstrations to small groups of students. 8 hours. This does not apply to schedules of 1938-39. (Drs. M. H. Post, Beisbarth)

3. **CLINICAL OPHTHALMOLOGY.** Instruction in diagnosis and treatment of eye diseases is given to small sections of the class. Ten hours a week for 4 weeks. 40 hours. (Drs. Lawrence Post, Jacobs, Schwartz, Alvis, Lange, Sanders)

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1 Resigned Oct. 1, 1937.
OTO-LARYNGOLOGY

Professors L. W. Dean, Bunch, Proetz; Associate Professor Lyman; Assistant Professors Arbuckle, Alden, Kelley, Hansel, Hourn, Guggenheim, McMahon, Birsner, Costen, Wolff; Instructors Cone, Votaw; Assistants Hanson, Freimuth, Gage, Glick, Potter, Boemer, Scherrer, Pfingsten, Stutzman, Linton, L. W. Dean, Jr., Smit, Bryan, Guerdan Hardy; Research Associate Harris

THIRD YEAR

1. LARYNGOLOGY AND RHINOCUTISTRY. Twenty-two lecture hours given during the third trimester. 22 hours.
   (Drs. Dean, Goldstein, Bunch, Proetz, Lyman, Arbuckle, McMahon, Hansel, Kelley, Alden, Birsner, Costen)

2. OTOLARYNGOLOGY. Clinical instruction is given to small sections of the class. Ten hours a week for 4 weeks. 40 hours.
   (Drs. Dean, Bunch, Proetz, Lyman, Kelley, Arbuckle, Votaw, Boemer, Gage, Hardy, Stutsman)

OBSTETRICS AND GYNECOLOGY


THIRD YEAR

During the third year there are four courses given in obstetrics and gynecology. The introductory lecture course in obstetrics is based upon assigned reading in a prescribed textbook. The entire subject of obstetrics is covered in this course. In the course on obstetrical and gynecological pathology, the normal anatomy, histology and physiology of the female generative organs are reviewed and all important pathological lesions are presented both grossly and microscopically. The work is carried out in the form of lectures, demonstrations of gross specimens and microscopic pathology. A complete series of photomicrographs in the form of lantern slides supplements the teaching of this course. Obstetrical and gynecological diagnosis is given in the afternoon course in the Washington University Clinic. The students are instructed in the methods of making complete obstetrical and gynecological examinations.
Lectures in gynecology, similar to those in obstetrics, are based upon assigned reading in a prescribed textbook.

1. Obstetrics and Gynecology.

(a) Obstetric Recitations and Demonstrations. One hour a week throughout the year. 33 hours. (Dr. Schwarz)

(b) Obstetrical and Gynecological Histology and Pathology. Four hours a week (in sections of one-third of the class). 44 hours. (Dr. Hobbs)

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

(d) Gynecological and Obstetrical Diagnosis (Clinic). One sub-section (one-sixth of the class) works in the gynecological clinic. At the same time the other sub-section (one-sixth of the class) works in the pre-natal clinic. Two hours a week for eleven weeks (in sections of one-third of the class). 22 hours. (Drs. Brown, Krebs, Smith, Wegner, Davis, Hobbs, Liese, Soule, Scrivner)

(e) Clinical and Pathological Conferences. (See Pathology 2).

Fourth Year

During the fourth year the students are assigned to obstetrics and gynecology for four and two weeks, respectively. The work in obstetrics consists of clinical clerkships in the St. Louis Maternity Hospital and the St. Louis City Hospital. During this time students are assigned to cases and are responsible for the records and laboratory work which each case requires. At least twelve obstetrical cases are required for each student. In addition, students are urged to volunteer for obstetrical work during the summer vacation between the third and fourth years, as the required number of cases cannot be obtained during the four weeks period. The service furnishes about 1600 cases annually, 1200 in the St. Louis Maternity Hospital and about 400 on the outclinic service. In addition, the St. Louis City Hospital furnishes about 1200 cases a year. On the gynecological service in Barnes Hospital, the students also act as clinical clerks, attending two gynecological diagnostic clinics and two operative gynecological clinics each week. In the afternoon they are assigned to the gynecological division of the Washington University Clinic and are under constant
supervision of instructors. The clinics on selected obstetrical and gynecological topics are given as a final review of the more important phases of obstetrics and gynecology.

2. OBSTETRICS AND GYNECOLOGY.

(a) ATTENDANCE ON OBSTETRICAL CASES.
(Drs. Schwarz, Brown, Wegner, Hobbs, Soule)

(b) CLINICS ON SELECTED OBSTETRICAL AND GYNECOLOGICAL TOPICS. One hour a week during the first, second and third quarters. 24 hours.
(Drs. Schwarz, H. S. Crossen and Associates)

(c) OBSTETRICAL WARD WORK. Sections composed of one-eighth of the class, for a period of four weeks.
(Drs. Schwarz, Taussig, Royston, McNalley, Ehrenfest, Paddock, Brown, Wegner)

(d) GYNECOLOGICAL WARD AND CLINIC WORK. Sections composed of one-sixteenth of the class work in the Gynecological Division of the Barnes Hospital and the Clinic for a period of two weeks.
(Drs. Schwarz, Taussig, Newell, Royston, McNalley, O'Keefe, Paddock, Hobbs)

ELECTIVE COURSES

(a) Obstetrical Clinic. An elective course in which a small section of the class receives practical instruction in the prenatal clinic eight hours a week for four weeks. 32 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 HARTMANN, COOKE, VEEDER; ASSOCIATE PROFESSORS THEODORE C. HEMPELMANN, McCulloch; INSTRUCTORS BLEYER, PARK J. WHITE, ZENTAY, KIRITSCHER, RUPE, BAIN, PERLEY, LAWRENCE GOLDMAN, ROHLFING, DEUTCH, F. A. JACOBS, STANLEY HARRISON, JAUDON, LONDE, BLATNER, HUNTINGTON; ASSISTANTS LONSWAY, BAUER; FELLOW ROBINSON; STUDENT ASSISTANT BARNETT

The instruction during the third year is designed to introduce the subject of pediatrics to the student by a systematic course of lectures emphasizing particularly normal growth and development, infant nutrition and feeding, acute infectious dis-
cases, and serious disturbances in water and mineral metabolism, and also to acquaint him with normal physical findings in infants and children, and methods of physical diagnosis.

During the fourth year the emphasis is placed on the physical findings of disease and the student is brought into close contact with the patient by having him work in the wards of the St. Louis Children's Hospital and in the Pediatric Clinic, and by having him attend the frequent clinical conferences of the hospital and teaching staffs.

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. (Dr. McCulloch)

2. PEDIATRICS. A systematic lecture course in general pediatrics, including occasional clinical demonstrations. Two hours a week for three trimesters. 66 hours. (Drs. Hartmann, Cooke)

FOURTH YEAR

3. PEDIATRIC WARD ROUNDS. Examination and discussion of selected cases in the wards of the St. Louis Children's Hospital and the St. Louis Isolation Hospital. Daily for four weeks for one-eighth of the class. 24 hours. (Drs. Cooke, Bleyer, Goldman, Huntington, Jaudon, Zentay)

4. PEDIATRIC CLINIC. Weekly amphitheatre demonstrations and discussions of selected cases from the hospital, for the whole class. 33 hours. (Drs. Hartmann, Cooke, Veeder, McCulloch)

5. CLINICAL AND PATHOLOGICAL CONFERENCES. See Pathology 2. Approximately one-third of the course is devoted to pediatric cases.

6. CLINICAL CLERKSHIPS. For two hours each morning for two weeks one-sixteenth of the class works in the wards of the hospital or attends special clinical or pathological conferences and demonstrations. For two hours four afternoons a week for two weeks the group works in the pediatric outpatient department, taking histories and making examinations of assigned cases under supervision of the staff physicians. (Drs. Hartmann, Cook, Blattner and Staff)
ELECTIVE COURSES

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 Pediatric Clinic or in the laboratories of the department. Hours to be arranged.

MILITARY SCIENCE AND TACTICS

JOSEPH ROGERS DARNALL, M.D., Major, M. C., U. S. A.
Assistant Professor of Military Science and Tactics

A Medical Unit of the Reserve Officers' Training Corps is maintained. An officer of the Medical Corps of the Regular Army is detailed to the School as instructor. Classes are a part of the regular schedule. The work is divided as follows:

(a) Basic Course—first and second years.
(b) Advanced Course—third and fourth years.
   (1) Summer Training Camp—six weeks.

Enrollment in both the Basic and Advanced Courses is optional and does not obligate the student to any military duty except to complete the section of the course undertaken.

The Summer Camp is part of the Advanced Course. It may be attended after the second or the third year.

Satisfactory completion of the Basic Course is required for enrollment in the Advanced Course. Certain credits may be allowed for work done in R. O. T. C. Units elsewhere.

Students enrolled in the Advanced Course receive "Commuation of Subsistence," at the rate prescribed by law, throughout the full two year period except during the camp period when they are housed, clothed, fed and receive the pay of the lowest grade of the Army.

Upon completion of the course the student will be presented, at graduation, with his choice of a commission as a First Lieutenant, Medical Section, Officers' Reserve Corps, or with a certificate of eligibility for such commission.
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. Crowdus)

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. (Dr. 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. 8 hours. (Dr. Park J. White)

POST-GRADUATE COURSES
Courses in the following subjects are offered to a limited number of qualified graduates in medicine:

OBSTETRICS AND GYNECOLOGY
A four-weeks' course in obstetrics and diagnostic gynecology is offered once each year, beginning in May. The course is designed for those doing general practice, and its object is to provide a thorough grounding in the modern practice of obstetrics and gynecology. For those desiring to enter upon the practice of obstetrics and gynecology as a specialty, the course will furnish a sound basis for further work in this field.
OPHTHALMOLOGY

An eight-months' course in ophthalmology is offered each year beginning in October. The purpose of the course is to provide a good foundation in ophthalmology on which the student can build further, preferably by ophthalmic internships or by study while engaging in practice. Approximately one-fifth of the time is spent in the study of the fundamental sciences as they pertain to ophthalmology.

OTOLARYNGOLOGY

An eight-months' course in otolaryngology is offered each year beginning in September.

The purpose of the course is to prepare the student for a residency in otolaryngology or for work with a preceptor. The curriculum is not arranged with the thought of making him a finished otolaryngologist. It is prepared so as to build a firm foundation for his development as a clinician. The instruction is not confined to the basic sciences. Those subjects are included in the curriculum which will best prepare him for his work as an interne.

The theory and practice of otolaryngology are studied; operative surgery and bronchoscopy are taught in the dead house and on animals. Particular attention is given to the methods of examination of patients and to diagnosis. The problems of defects and the management of the deaf child are emphasized.

PEDIATRICS

A four-weeks' course in pediatrics is offered once each year, beginning in September. The object of the course is to give practitioners a thorough grounding in the modern practice of pediatrics. The course is suitable for those doing general practice and for those specializing in pediatrics. For those desiring to enter the practice of pediatrics as a specialty, the course is designed to furnish a basis for further work.

ANATOMY

Dissection. A six-weeks' summer course in anatomy is offered for physicians desiring to review the subject. Any of the following parts may be elected for study: head and neck, thorax and upper limb, abdomen and pelvis, lower limb.

Pamphlets giving further information about these courses may be obtained on application to the Registrar of the School.
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WASHINGTON UNIVERSITY SCHOOL OF MEDICINE
Schedule of Second Year. Second Trimester

1938-39
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<td>Surgery 1</td>
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<td>Pathology 1a</td>
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<td>HOURS</td>
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<tr>
<td>10 to 11</td>
<td>Group A Medicine 2</td>
<td>Group A Medicine 2</td>
<td>Group A Medicine 2</td>
<td>Group A Medicine 2</td>
<td>Group A Medicine 2</td>
<td>Neurology 1a and 1b</td>
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<td>11 to 12</td>
<td>Group B Surgery 2a</td>
<td>Group C Surgery 2c</td>
<td>Group C Surgery 2c</td>
<td>Group C Surgery 2c</td>
<td>Group C Surgery 2c</td>
<td>Medicine Clinic Medicine 7a</td>
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<td>12 to 1</td>
<td>Surgery Recitation Surgery 2b</td>
<td>Surgery Clinic Surgery 2e</td>
<td>Military Science and Tactics 2</td>
<td>Surgery Confer. Surgery 2f</td>
<td>Clinical Psychiatry Neurology 2</td>
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<td>2 to 3</td>
<td>Group C Ob. and Gyn. 1d</td>
<td>Gross Pathology Pathology 1d</td>
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<td>3 to 4</td>
<td>Clinical Pathological Confer. Pathology 2</td>
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<td>Public Health 1</td>
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## Schedule of Third Year, Second Trimester

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<td>9 to 10</td>
<td>Pediatrics Clinical Confer. Pediatrics 2</td>
<td>Medicine Recitation Medicine 5</td>
<td>Pharmacology Lecture Pharmacology 1a</td>
<td>Medicine Recitation Medicine 5</td>
<td>Obstetrics Recitation Ob. and Gyn. 1a</td>
<td>Neurology Lecture Neurology 1a</td>
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<td>Group C Surgery 2a</td>
<td>Surgery Clinic Surgery 2e</td>
<td>Dietetics Medicine 4</td>
<td>Surgery Conference Surgery 2f</td>
<td>Pharmacology Lecture Pharmacology 1a</td>
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<td>2 to 3</td>
<td>Group A Ob. and Gyn. 1d</td>
<td>Surgical Pathology Surgery 3</td>
<td>Gynecology Lecture Ob. and Gyn. 1c</td>
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<td>Clinical Path. Conference Pathology 2</td>
<td>Anatomy 4</td>
<td>Public Health 1</td>
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<td>Military Science and Tactics 2</td>
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<td>HOURS</td>
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<tr>
<td>9 to 10</td>
<td>Pediatrics</td>
<td>Medicine</td>
<td>Laryn. &amp; Rhin.</td>
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<td>Obstetrics</td>
<td>Pediatrics</td>
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<td>Lecture</td>
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<td>Clinical Confer.</td>
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<td>Pediatrics 2</td>
<td>Medicine 5</td>
<td>Otolaryn. 1</td>
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<td>Ob. and Gyn. 1a</td>
<td>Pediatrics 2</td>
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<td>10 to 11</td>
<td>Group A Surgery 2a</td>
<td>Group A Surgery 2a</td>
<td>Group A Surgery 2a</td>
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<td>Genitourinary Surgery</td>
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<td>Group B Ob. and Gyn. 1b</td>
<td>Group B Neology 1c</td>
<td>Group B Ob. and Gyn. 1b</td>
<td>Group B Neology 1c</td>
<td>Group B Neology 1c</td>
<td>Surgery Lecture Surgery 2g</td>
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<td>11 to 12</td>
<td>Group C Medicine 2</td>
<td>Group C Pediatrics 1</td>
<td>Group C Medicine 2</td>
<td>Group C Medicine 2</td>
<td>Group C Medicine 2</td>
<td>Military Science and Tactics 1</td>
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<td>12 to 1</td>
<td>Fractures Surgery 2c</td>
<td>Surgery Clinic</td>
<td>Dietetics</td>
<td>Surgery Conference</td>
<td>Clinical Psychiatry</td>
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<td>Surgery 2e</td>
<td>Medicine 4</td>
<td>Surgery 2f</td>
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<td>2 to 3</td>
<td>Dermatology Lecture</td>
<td>Laryn. &amp; Rhin. Lecture</td>
<td>Operative Surgery</td>
<td>Group B Ob. and Gyn. 1d</td>
<td>Surgical Pathology</td>
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<td>Dermatology 1</td>
<td>Otolaryn. 1</td>
<td>Surgery 2d</td>
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<td>3 to 4</td>
<td>Ophthalmology Lecture</td>
<td>Stomatology</td>
<td>2 Sections 1/2 trimester each</td>
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<td>Clinical Pathological</td>
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<td>HOURS</td>
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<tr>
<td>9 to 12</td>
<td>Medicine 6 and Neurology 3a Ward Work</td>
<td>Section I—City Hospital</td>
<td>Section II—Barnes Hospital</td>
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<td>12 to 1</td>
<td>Neurology Clinic</td>
<td>Surgery Clinic</td>
<td>Pediatrics Clinic</td>
<td>Medicine Clinic</td>
<td>Ob. &amp; Gyn. 2b Lecture I, II, III Quarters</td>
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<td>2 to 4</td>
<td>Neurology 3b</td>
<td>Surgery 4b</td>
<td>Pediatrics 4</td>
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<td>Clinical Pathological Conference Pathology 2 I, II, III Quarters</td>
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Note: Sections change at the middle of the quarter.
WASHINGTON UNIVERSITY SCHOOL OF MEDICINE 1938-39

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

<table>
<thead>
<tr>
<th>HOURS</th>
<th>MONDAY</th>
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<th>THURSDAY</th>
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<tr>
<td>9 to 12</td>
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<td>Surgery 4a—Ward Work</td>
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<td>Section I—City Hospital</td>
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<td>Section II—Barnes and Children's Hospitals</td>
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<td>12 to 1</td>
<td>Neurology Clinic</td>
<td>Surgery Clinic</td>
<td>Pediatrics Clinic</td>
<td>Medicine Clinic</td>
<td>Ob. and Gyn. 2b Lecture I, II, III Quarters</td>
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<td>Neurology 3b</td>
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<td>Pediatrics 4</td>
<td>Medicine 7b</td>
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<td>Medicine 7a</td>
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<td>2 to 4</td>
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<td>Section I—Ward Work, City Hospital</td>
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<td>Section II—Otolaryngology 2</td>
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<td>4 to 5</td>
<td>Clinical Pathological Conference</td>
<td>Pathology 2</td>
<td>I, II, III Quarters</td>
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Note: Sections change at the middle of the quarter.
### Schedule of Fourth Year: Group D, First Quarter; Group A, Second Quarter; Group B, Third Quarter; Group C, Fourth Quarter

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<th>HOURS</th>
<th>MONDAY</th>
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<th>THURSDAY</th>
<th>FRIDAY</th>
<th>SATURDAY</th>
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</table>
| 9 to 12 |  | Section I—Obstetrics 2c, Ward Work  
St. Louis Maternity Hospital |  |  |  |  |
| 12 to 1 | Neurology Clinic  
Neurology 3b | Surgery Clinic  
Surgery 4b | Pediatrics Clinic  
Pediatrics 4 | Medicine Clinic  
Medicine 7b | Ob. and Gyn. 2b  
Lecture I, II, III Quarters | Medicine Clinic  
Medicine 7a |
| 2 to 4 | Section I—Obstetrics 2c, Ward Work  
St. Louis Maternity Hospital |  |  |  |  |  |
| 4 to 5 | Clinical Pathological Conference  
Pathology 2  
I, II, III Quarters |  |  |  |  |  |

Note: This section changes with the Pediatrics-Gynecology section at the middle of the quarter.
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<td>Section II—Pediatrics 3, Ward Work</td>
<td>St. Louis Children's Hospital</td>
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<td>10 to 12</td>
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<td>Section II—Gyn. Ward Work</td>
<td>Barnes Hospital (2 weeks)</td>
<td>Section II—Pediatrics Ward Work</td>
<td>St. Louis Children's Hospital (2 weeks)</td>
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<td>12 to 1</td>
<td>Neurology Clinic</td>
<td>Surgery Clinic</td>
<td>Pediatrics Clinic</td>
<td>Medicine Clinic</td>
<td>Ob. and Gyn. 2b Lecture I, II, III Quarters</td>
<td>Medicine Clinic</td>
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<td>Neurology 3b</td>
<td>Surgery 4b</td>
<td>Pediatrics 4</td>
<td>Medicine 7b</td>
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<td>Medicine 7a</td>
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<td>2 to 4</td>
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<td>Section II—Gyn. Clinic (2 weeks)</td>
<td>Section II—Pediatrics Clinic (2 weeks)</td>
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<td>4 to 5</td>
<td>Clinical Pathological Conference Pathology 2 I, II, III Quarters</td>
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Note: This section changes with the Obstetrics section at the middle of the quarter.
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<tr>
<td>9 to 12</td>
<td>Section I—Medical Clinics (Gen. Med., Heart, Chest, Nerve)</td>
<td>Section II—Surgical Clinics (G. U., Orthopedic)</td>
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<th>Neurology Clinic</th>
<th>Surgery Clinic</th>
<th>Pediatrics Clinic</th>
<th>Medicine Clinic</th>
<th>Ob. and Gyn. 2b Lecture I, II, III Quarters</th>
<th>Medicine Clinic</th>
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<td>Surgery 4b</td>
<td>Pediatrics 4</td>
<td>Medicine 7b</td>
<td>Ob. and Gyn. 2b Lecture I, II, III Quarters</td>
<td>Medicine 7a</td>
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Note: Sections change at the middle of the quarter.
DEGREES CONFERRED AT COMMENCEMENT
June 9, 1936

DOCTOR OF MEDICINE

NAME—INTERNSHIP

Akers, Elwyn Nickell, A.B.—Colorado General Hospital, Denver, Colorado.
Allen, Wallace Edgar, A.B.—Santa Clara County Hospital, San Jose, California.
Anderson, Victor Clarence, A.B.—Thomas D. Dee Memorial Hospital, Ogden, Utah.
Aronberg, Lawrence Milton, A.B.—Missouri Baptist Hospital, St. Louis, Missouri.
Atchison, Harold Raymond, A.B.—Robert B. Green Memorial Hospital, San Antonio, Texas.
Basham, John Henry, A.B.—De Paul Hospital, St. Louis, Missouri.
Berkowitz, Morris—City Hospital, St. Louis, Missouri.
Brasher, Charles Alonzo, A.B., B.S.—City Hospital, St. Louis, Missouri.
Breslow, Lawrence, A.B. (cum laude)—Michael Reese Hospital, Chicago, Illinois.
Brown, Cecil Hooper, A.B.—City Hospital, St. Louis, Missouri.
Brunner, James Howard, A.B.—St. Mary's Group of Hospitals, St. Louis, Missouri.
Burton, William Young, A.B., B.S.—St. Luke's Hospital, St. Louis, Missouri.
Callihan, Charles Ferris, A.B., B.S.—City Hospital, St. Louis, Missouri.
Clarke, Varnum Terrell, Jr.—St. Paul's Hospital, Dallas, Texas.
Cooley, Fred Everett, Jr., A.B.—The General Hospital of Fresno County, Fresno, California.
Cremer, William Joseph, A.B., B.S.—St. John's Hospital, St. Louis, Missouri.
Crouch, Francis Richard, A.B.—Colorado General Hospital, Denver, Colorado.
Darrow, Arthur Charles, Jr., A.B.—Missouri Baptist Hospital, St. Louis, Missouri.
Davenport, Merrill Clark, B.S.—City Hospital, St. Louis, Missouri.
Davis, Varnum Terrell, Jr.—Marine Hospital, Baltimore, Maryland.
Dillon, John Forrest, Ill, A.B.—City Hospital, St. Louis, Missouri.
Donnell, Robert Hart, Jr., A.B., B.S.—Missouri Methodist Hospital, St. Joseph, Missouri.
Drescher, Emmett Burk, A.B.—St. Luke's Hospital, St. Louis, Missouri.
Dreyer, Norman Walter, A.B.—Jewish Hospital, St. Louis, Missouri.
Edmonds, Henry Wolfer, A.B. (cum laude)—Department of Pathology, Washington University School of Medicine.
Ellis, Orwyn Haywood, A.B.—Harper Hospital, Detroit, Michigan.
Engel, Edgar Leo, A.B.—City Hospital, St. Louis, Missouri.
Eppe, Curtis Howard, B.S.—State University Hospital, Oklahoma City, Oklahoma.
Fleming, Paul Dunlap—Grant Hospital, Columbus, Ohio.
Flynn, John Francis, B.S.—City Hospital, St. Louis, Missouri.
Hauptman, Harry, A.B.—Jewish Hospital, St. Louis, Missouri.
Hollombo, Samuel Morris, A.B.—Los Angeles General Hospital, Los Angeles, California.
Horner, John Linscott, A.B. (cum laude)—New Haven Hospital, New Haven, Connecticut.
Jacobson, William Henry, B.S.—City Hospital, St. Louis, Missouri.
Jaffe, Hyman, A.B., M.S.—Mount Sinai Hospital, Cleveland, Ohio.
Kahn, Nathan Robert, A.B.—Jewish Hospital, St. Louis, Missouri.
Krieton, Albert, A.B.—Jewish Hospital, St. Louis, Missouri.
Karlson, Robert, A.B.—Barnes Hospital, St. Louis, Missouri.
Kelley, Marshall Wilton—City Hospital, St. Louis, Missouri.
Klappert, George Malcolm, B.S.—St. Mary's Group of Hospitals, St. Louis, Missouri.
Leech, Charles Albert, Jr., B.S.—City Hospital, St. Louis, Missouri.
Lipscomb, Short, A.B.—Deaconess Hospital, St. Louis, Missouri.
Long, Irl Richard, A.B., B.S.—St. Luke's Hospital, St. Louis, Missouri.
Lundmark, Vernon Oscar (cum laude)—New Haven Hospital, New Haven, Connecticut.
Mason, Richard Patrick, A.R.—Station Hospital, Fort Sam Houston, San Antonio, Texas.
McDowell, Frank, A.B. (cum laude)—Barnes Hospital, St. Louis, Missouri.
McMillan, Thomas Eugene, A.B.—Kansas City General Hospital, Kansas City, Missouri.
McNamara, Thaddeus Maria, Jr., A.B.—University of California Hospital, San Francisco, California.
McNew, William Thomas, A.B., B.S.—City Hospital, St. Louis, Missouri.
McVety, Thomas Wilson, A.B., B.S.—Buffalo General Hospital, Buffalo, New York.
Meadows, Henry Howard, Jr., A.B.—Ancker Hospital, St. Paul, Minnesota.
Miller, Edward Allison, B.S.—City Hospital, St. Louis, Missouri.
Miller, Ivan Jenks, A.B.—Kansas City General Hospital, Kansas City, Missouri.
Minzel, Wesley Charles, B.S.—Deaconess Hospital, Spokane, Washington.
Mitchell, Robert Hiestand, A.B., B.S.—City Hospital, St. Louis, Missouri.
Morrison, James Donald, A.B.—St. Joseph's Hospital, Denver, Colorado.
Mueller, Robert John—City Hospital, St. Louis, Missouri.
Nussbaum, Robert Allen, A.B.—City Hospital, St. Louis, Missouri.
Pettus, Florence, A.B. (cum laude)—State of Wisconsin General Hospital, Madison, Wisconsin.
Petway, Virginia, A.B.—Strong Memorial Hospital, Rochester, New York.
Platz, Charles Parker, A.B.—Colorado General Hospital, Denver, Colorado.
Pletcher, Kenneth Eugene, A.B. (cum laude)—St. Luke's Hospital, St. Louis, Missouri.
Plymale, John Langley, A.B.—Roper Hospital, Charleston, South Carolina.
Records, John Williams—St. Luke's Hospital, St. Louis, Missouri.
Rector, Eleanor Johnson, B.S., M.S. (cum laude)—Johns Hopkins Hospital, Baltimore, Maryland.
Rector, Lewis Edwin, B.S.—St. Vincent's Hospital, Providence, Rhode Island.
Rutherford, Robert Horace—U. S. Marine Hospital, San Francisco, California.
Saphir, Nelson Robert, A.B. (cum laude)—Barnes Hospital, St. Louis, Missouri.
Schneider, Sam, A.B.—Jewish Hospital, St. Louis, Missouri.
Sellers, William Leon, Jr., B.S.—City Hospital, St. Louis, Missouri.
Silverglade, Alexander, B.S.—City Hospital, St. Louis, Missouri.
Smith, Carl Wellington, A.B. (cum laude)—Barnes Hospital, St. Louis, Missouri.
Standard, James Fields, B.S.—King County Hospital, Seattle, Washington.
Stroebach, Rolla Lenox, A.B.—St. John's Hospital, St. Louis, Missouri.
Swedeburg, Genevieve Marie, A.B.—University of Pittsburgh Hospitals, Pittsburgh, Pennsylvania.
Tildrick, Robert Thompson, A.B. (cum laude)—University of Iowa Hospitals, Iowa City, Iowa.
Trowbridge, Ellsworth Haydn, Jr., B.S.—Kansas City General Hospital, Kansas City, Missouri.
Trucks, James Frank, A.B.—T. C. I. Employees' Hospital, Fairfield, Alabama.
Ursin, Oscar Elliott, A.B.—St. Luke's Hospital, St. Louis, Missouri.
Vieith, Richard Peter, A.B.—City Hospital, St. Louis, Missouri.
Woppich, Michael Schall, A.B.—De Paul Hospital, St. Louis, Missouri.
West, Warren Burd, Jr., A.B.—Salt Lake General Hospital, Salt Lake City, Utah.
White, Roland Winford, A.B., B.S.—De Paul Hospital, St. Louis, Missouri.
Wise, Robert Allen, A.B. (cum laude)—University Hospitals, Cleveland, Ohio.
Young, William Rigby, A.B.—Salt Lake General Hospital, Salt Lake City, Utah.
Zonnis, Marian Estelle, A.B.—Children's Hospital for Women and Children, San Francisco, California.

Total, 96.

PRIZES AWARDED AT COMMENCEMENT

June 9, 1936

GILL PRIZE IN PEDIATRICS
Stephen Stuart Ellis, A.B.
Eleanor Johnson Rector, B.S., M.S.

GILL PRIZE IN ANATOMY
Russell Jackson Crider

ALPHA OMEGA ALPHA PRIZE
Lawrence Breslow, A.B.
DEGREES CONFERRED AT COMMENCEMENT
June 8, 1937

DOCTOR OF MEDICINE

NAME—INTERNSHIP
Adler, Bernard Charles, B.S.—City Hospital, St. Louis, Missouri.
Adler, Morton William, A.B.—Jewish Hospital, St. Louis, Missouri.
Askew, William Marvin, Jr., B.S.—City Hospital, St. Louis, Missouri.
Barnes, Marian, B.S.—Western Pennsylvania Hospital, Pittsburgh, Pennsylvania.
Bassman, Sidney Roland—Jewish Hospital, St. Louis, Missouri.
Berger, Edward—Jewish Hospital, St. Louis, Missouri.
Boozer, Thomas Stewart, A.B.—Hillman Hospital, Birmingham, Alabama.
Bourland, John Bookhout, A.B.—Lenox Hill Hospital, New York, New York.
Brenner, Paul Adolph Anthony, A.B.—Lutheran Hospital, St. Louis, Missouri.
Brewer, Arthur Allen, Jr., A.B., B.S.—St. Luke's Hospital, St. Louis, Missouri.
Brodsky, Samuel, A.B.—City Hospital, St. Louis, Missouri.
Burke, James Willis, Jr., A.B.—Barnes Hospital, St. Louis, Missouri.
Calvy, George Lloyd, A.B.—City Hospital, St. Louis, Missouri.
Carter, Heford Gillespie, A.B., B.S.—City Hospital, St. Louis, Missouri.
Case, Robert Bowen, A.B.—Alameda County Hospital, Oakland, California.
Compton, Martin Andrew—Good Samaritan Hospital, Cincinnati, Ohio.
Connell, John Richard, A.B.—Colorado General Hospital, Denver, Colorado.
Crandall, Bernard Alan—St. Elizabeth's Hospital, Washington, D.C.
Day, Samuel Mason, Jr., A.B.—Union Memorial Hospital, Baltimore, Maryland.
Dougall, John Mac, A.B.—City Hospital, St. Louis, Missouri.
Erlanger, Herman, A.B. (cum laude)—Boston City Hospital, Boston, Massachusetts.
Fiorito, Joseph Anthony, A.B.—New Haven Hospital, New Haven, Connecticut.
Fitch, Richard Homer, A.B., A.M., Ph.D.—St. Catherine's Hospital, Omaha, Nebraska.
Gann, Eldred LaMonte, B.S., M.S. (cum laude)—Barnes Hospital, St. Louis, Missouri.
Gehrand, Henry Christopher, B.S.—City Hospital, St. Louis, Missouri.
Gellhorn, Alfred Adolph—Barnes Hospital, St. Louis, Missouri.
Glover, William Albert Kenneth, B.S., B.S. in Med.—Missouri Baptist Hospital, St. Louis, Missouri.
Goldman, Gilbert Sane, B.S.—Montefiore Hospital, Pittsburgh, Pennsylvania.
Gray, William Hailing, A.B.—St. Luke's Hospital, St. Louis, Missouri.
Haartaschel, Lester Essais, A.B.—St. Luke's Hospital, St. Louis, Missouri.
Hartvig, Helen Adeline, A.B.—C.I. Employees Hospital, Paterson, Alabama.
Hayward, Willis Howard, B.S.—City Hospital, St. Louis, Missouri.
Hubbard, Leslie Howell, A.B., B.S.—Hillman Hospital, Birmingham, Alabama.
Hunt, Elmo Swain, B.S.—Cincinnati General Hospital, Cincinnati, Ohio.
Humphrey, Kenneth Edward, A.B.—University of Iowa Hospitals, Iowa City, Iowa.
Huntley, Henry Clay, A.B.—Missouri Baptist Hospital, St. Louis, Missouri.
Huntor, George Washington, Jr., A.B., B.S. (cum laude)—St. Luke's Hospital, St. Louis, Missouri.
Janzonius, John Willard, A.B., B.S.—Iowa Methodist Hospital, Des Moines, Iowa.
Kaplan, Arthur Arthur, A.B.—Barnes Hospital, St. Louis, Missouri.
Kerby, Kenneth Earl, A.B., B.S. in Med.—Kansas City General Hospital, Kansas City, Missouri.
Kingsland, Robert Chenault, A.B.—Vanderbilt University Hospital, Nashville, Tennessee.
Kircher, Theodore Engelmann, Jr., A.B.—Barnard Free Skin and Cancer Hospital, St. Louis, Missouri.
Kitchell, William Meyer, A.B., B.S.—City Hospital, St. Louis, Missouri.
Kusunoki, Clarence Junro, A.B.—St. Francis Hospital, Fooria, Illinois.
Levinson, Julian Paul, B.S.—Mercy Hospital, Pittsburgh, Pennsylvania.
Lescher, Carl Edward, A.B.—Barnes Hospital, St. Louis, Missouri.
Little, Edgar Hugh, A.B.—St. Luke's Hospital, St. Louis, Missouri.
Littmann, Lewis Ezekiel, A.B.—City Hospital, St. Louis, Missouri.
Loofcnotam, William Blackford, B.S.—City Hospital, St. Louis, Missouri.
Lowenhaupt, Elizabeth, A.B. (cum laude)—Michael Reese Hospital, Chicago, Illinois.
Lyddon, Harold Ray, Jr., A.B.—St. Joseph Hospital, Kansas City, Missouri.
Lyman, Edward Harry, B.S. in Med. (cum laude)—University of Chicago Clinics, Billings Hospital, Chicago, Ill.
Lytle, Howard William, A.B.—San Francisco City and County Hospital, San Francisco, California.
Martin, Charles Ellerbrock, A.B.—St. Luke's Hospital, St. Louis, Missouri.
McCall, Edwin Levan, A.B.—St. John's Hospital, St. Louis, Missouri.
McCausland, John Daniel, A.B.—San Diego County General Hospital, San Diego, California.
McGrath, Marion Stanley, B.S.—City Hospital, St. Louis, Missouri.
McMullen, James Wallace, A.B., B.S.—Colorado General Hospital, Denver, Colorado.
Melsenbach, Albert Edward, Jr., A.B.—Missouri Baptist Hospital, St. Louis, Missouri.
Mendonsa, Lawrence Ernest, A.B.—City Hospital, St. Louis, Missouri.
Miksicke, John Edward, A.B., B.S. in Med.—Barnes Hospital, St. Louis, Missouri.
Mountjoy, Philip Shannon, A.B.—City Hospital, St. Louis, Missouri.
Owen, Walter Edwin, Jr., A.B.—Research Hospital, Kansas City, Missouri.
Pareira, Morton Donald, A.B.—Jewish Hospital, St. Louis, Missouri.
Peterson, Ralph Clarence, B.S.—Providence Hospital, Seattle, Washington.
Polan, Charles Morton, B.S., B.S. in App. Optics—City Hospital, St. Louis, Missouri.
Pontier, Joseph John—De Paul Hospital, St. Louis, Missouri.
Pruttz, Joseph Harold, A.B., B.S.—City Hospital, St. Louis, Missouri.
Quinn, William Joseph—Southern Pacific Hospital, San Francisco, California.
Reid, Henry Nowell, A.B.—Robert Packer Hospital, Sayre, Pennsylvania.
Kisser, Philip Crane, A.B.—Kings County Hospital, Brooklyn, New York.
Roberts, Donald Russell, A.B., B.S.—Missouri Baptist Hospital, St. Louis, Missouri.
Robertson, Edwin Norris, Jr., A.B.—St. Mary’s Group of Hospitals, St. Louis, Missouri.
Rosenbaum, Lloyd Emmerich, A.B.—Jewish Hospital, St. Louis, Missouri.
Russell, Thomas Goodson, B.S.—City Hospital, St. Louis, Missouri.
Schopp, Alvin Charles, A.B.—City Hospital, St. Louis, Missouri.
Siebeur, Edward Henry, A.B.—City Hospital, St. Louis, Missouri.
Skaller, Maja Leroy, A.B.—City Hospital, St. Louis, Missouri.
Smith, Harvey Sydney, Jr.—University of Iowa Hospitals, Iowa City, Iowa.
Stevenson, Walter Davis, Jr., B.S.—George F. Geisinger Memorial Hospital, Danville, Pennsylvania.
Tompkins, Harold Phillip, A.B.—Santa Barbara General Hospital, Santa Barbara, California.
Townsend, Hastel Laveine, A.B.—City Hospital, St. Louis, Missouri.
Trowbridge, Barnard Cole, A.B., B.S.—Kansas City General Hospital, Kansas City, Missouri.
Twersky, Edgar Louis—Evangelical Deaconess Hospital, St. Louis, Missouri.
Vaughan, John Russell, Jr., A.B.—St. Luke's Hospital, St. Louis, Missouri.
Wall, David Royal, A.B.—Henry Ford Hospital, Detroit, Michigan.
Wedem, Thomas Loftin—University of Maryland Hospitals, Baltimore, Maryland.
Wenkle, William Cash, A.B., B.S. in Med.—City Hospital, St. Louis, Missouri.
Westrup, Ellesworth Arthur, A.B.—Evangelical Deaconess Hospital, St. Louis, Missouri.
Williams, Ray David, A.B., M.S. (cum laude)—Barnes Hospital, St. Louis, Missouri.
Wittler, Marie Henrietta—St. Louis Children's Hospital, St. Louis, Missouri.
Total, 94.

BACHELOR OF SCIENCE IN MEDICAL SCIENCE

NAME—ADDRESS
Adler, Bernard Charles—St. Louis, Mo.
Loven, Edward Harry—St. Louis, Mo.
Miksicke, John Edward, A.B.—St. Louis, Mo.
Total, 3.

PRIZES AWARDED AT COMMENCEMENT
June 8, 1937

GILL PRIZE IN PEDIATRICS
Charles Morton Polan, B.S.
Marie Henrietta Wittler

GILL PRIZE IN ANATOMY
James Harold Growdon

ALPHA OMEGA ALPHA PRIZE
Herman Erlanger, A.B.

ALEXANDER BERG PRIZE IN BACTERIOLOGY
Charles Roy Anderson, A.B.

JACKSON JOHNSON SCHOLARS, 1937-38
Roy Elmer Ahrens, Jr., A.B.
Vergil Nelson Slee, A.B.
Gordon Sparks Lettermen, A.B.
Souther Fulton Tompkins, A.B.
No bulletin of the Medical School having been issued during the year 1936-37, the following lists cover post-graduate students registered during the calendar years 1936 and 1937, and the undergraduate students registered during the academic years 1936-37 and 1937-38.

**Physicians Attending Graduate Courses Between January 1 and December 31, 1936**

<table>
<thead>
<tr>
<th>Name</th>
<th>Specialty</th>
<th>Institution</th>
</tr>
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<tbody>
<tr>
<td>Asquith, Mariano R., M.D.</td>
<td>Pediatrics</td>
<td>Milwaukee, Wis.</td>
</tr>
<tr>
<td>Arnold, Herbert L., M.D.</td>
<td>Ophthalmology and Otolaryngology</td>
<td>Meridian, Miss.</td>
</tr>
<tr>
<td>Bagby, Louis, M.D.</td>
<td>Pediatrics</td>
<td>Vinita, Okla.</td>
</tr>
<tr>
<td>Bakos, John, M.D.</td>
<td>Pediatrics</td>
<td>Akron, Ohio</td>
</tr>
<tr>
<td>Barker, Clyde J., M.D.</td>
<td>Pediatrics</td>
<td>Phoenix, Ariz.</td>
</tr>
<tr>
<td>Biehn, John T., M.D.</td>
<td>Otolaryngology</td>
<td>Sarnia, Ont.</td>
</tr>
<tr>
<td>Bixler, Clarence W., M.D.</td>
<td>Obstetrics and Gynecology</td>
<td>Erie, Colo.</td>
</tr>
<tr>
<td>Briker, Philip P., M.D.</td>
<td>Pediatrics</td>
<td>Battle Creek, Mich.</td>
</tr>
<tr>
<td>Boothby, Frederick M., M.D.</td>
<td>Pediatrics</td>
<td>Lawrence, Mich.</td>
</tr>
<tr>
<td>Byroo, Edwin C., M.D.</td>
<td>Otolaryngology</td>
<td>Richmond, Va.</td>
</tr>
<tr>
<td>Bucher, Walter M., M.D.</td>
<td>Ophthalmology and Otolaryngology</td>
<td>Cleveland, Ohio</td>
</tr>
<tr>
<td>Buck, John F., M.D.</td>
<td>Obstetrics and Gynecology</td>
<td>Toledo, Ohio</td>
</tr>
<tr>
<td>Clark, Lenzuel E., M.D.</td>
<td>Pediatrics</td>
<td>Battle Creek, Mich.</td>
</tr>
<tr>
<td>Colgin, William E., M.D.</td>
<td>Ophthalmology and Otolaryngology</td>
<td>Waco, Tex.</td>
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<tr>
<td>Dacus, Robert M., Jr., M.D.</td>
<td>Obstetrics and Gynecology</td>
<td>Greeneville, S. C.</td>
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<tr>
<td>Davis, Joseph W., M.D.</td>
<td>Surgery</td>
<td>Charlotte, Mich.</td>
</tr>
<tr>
<td>Davis, Thomas L., M.D.</td>
<td>Otolaryngology</td>
<td>Chattanooga, Tenn.</td>
</tr>
<tr>
<td>Dimphuis, Bert, M.D.</td>
<td>Pediatrics</td>
<td>South Haven, Mich.</td>
</tr>
<tr>
<td>Far, Shukir E., M.D.</td>
<td>Pediatrics</td>
<td>Quincy, Mich.</td>
</tr>
<tr>
<td>Finck, James W., M.D.</td>
<td>Pediatrics</td>
<td>Sentine, Okla.</td>
</tr>
<tr>
<td>Foster, Louis F., M.D.</td>
<td>Pediatrics</td>
<td>Bay City, Mich.</td>
</tr>
<tr>
<td>Giddings, Allan M., M.D.</td>
<td>Pediatrics</td>
<td>Battle Creek, Mich.</td>
</tr>
<tr>
<td>Gilleaple, Charles E., M.D.</td>
<td>Ophthalmology and Otolaryngology</td>
<td>Seymour, Ind.</td>
</tr>
</tbody>
</table>
Hafford, George C., M.D. Pediatrics, Albion, Mich.
Haggart, Harry H., M.D. Otolaryngology, Cincinnati, Ohio
Hanks, George E., M.D. Pediatrics, Battle Creek, Mich.
Hansen, Harvey C., M.D. Pediatrics, Battle Creek, Mich.
Hargrave, Dan V., M.D. Pediatrics, Eaton Rapids, Mich.
Harry, Robert E., M.D. Obstetrics and Gynecology, York, Nebr.
Hartman, William M., M.D. Surgery, Macomb, Ill.
Bathcock, Preston L., M.D. Surgery, Fayetteville, Ark.
Haughey, William H., M.D. Pediatrics, Battle Creek, Mich.
Hawrey, John W., M.D. Pediatrics, Bloomington, Mich.
Heare, Louis C., M.D. Ophthalmology and Otolaryngology, Port Arthur, Tex.
Henry, Sylvester F., M.D. Ophthalmology and Otolaryngology, Effingham, Ill.
Horn, Jesse M., M.D. Obstetrics and Gynecology, Brownwood, Tex.
Howe, Alexander C., M.D. Otolaryngology, Brooklyn, N.Y.
Hoyt, Awa Andrews, M.D. Pediatrics, Battle Creek, Mich.
Hughes, Henry F., M.D. Pediatrics, Hillsdale, Mich.
Hutchings, Edgar P., M.D. Ophthalmology and Otolaryngology, Martin, Tex.
Johnston, Hewitt, M.D. Otolaryngology, Orlando, Fla.
Jordan, Henry C., M.D. Pediatrics, Coffeeville, Miss.
Koller, Louis R., M.D. Ophthalmology and Otolaryngology, Minneapolis, Minn.
Knolvoord, Theodore, M.D. Pediatrics, Battle Creek, Mich.
Ladd, Lewis F., M.D. Pediatrics, Battle Creek, Mich.
LaFrance, Francis, M.D. Pediatrics, Battle Creek, Mich.
Leader, Frederick S., M.D. Pediatrics, Coldwater, Mich.
Lowe, Stanley T., M.D. Pediatrics, Battle Creek, Mich.
Lucy, Benjamin D., M.D. Pediatrics, Pine Bluffs, Ark.
McGrath, John, M.D. Ophthalmology, St. Louis, Mo.
McMahon, Rhett, M.D. Obstetrics and Gynecology, Baton Rouge, La.
McNair, Lawrence M., M.D. Pediatrics, Albion, Mich.
Melges, Fred J., M.D. Obstetrics and Gynecology, Battle Creek, Mich.
Mercer, William F., M.D. Obstetrics and Gynecology, Crookston, Minn.
Merrell, William E., M.D. Obstetrics and Gynecology, Brigham City, Utah
Miller, Edith I., M.D. Pediatrics, Lawes, Del.
Miller, John G., M.D. Pediatrics, Union City, Mich.
Moe, Russell J., M.D. Obstetrics and Gynecology, Duluth, Minn.
Murphy, Henry A., M.D. Obstetrics and Gynecology, El Dorado, Ark.
Murphy, Norman D., M.D. Pediatrics, Bangor, Mich.
Nelson, Albert W., M.D. Pediatrics, Battle Creek, Mich.
O'Connor, Timothy F., M.D. Otolaryngology, Ashland, Ohio
Ormand, John E., M.D. Otolaryngology, Waycross, Ga.
Perry, James S., M.D. Ophthalmology and Otolaryngology, Bryan, Tex.
Pewterbaugh, David C., M.D. Pediatrics, St. Thomas, Pa.
<table>
<thead>
<tr>
<th>Name</th>
<th>Specialty</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Portela, Adolf, M.D.</td>
<td>Obstetrics and Gynecology</td>
<td>Corpus Christi, Tex.</td>
</tr>
<tr>
<td>Powell, Charles S., M.D.</td>
<td>Obstetrics and Gynecology</td>
<td>Yuma, Ariz.</td>
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<td>Powell, John R., M.D.</td>
<td>Surgery</td>
<td>Champaign, Ill.</td>
</tr>
<tr>
<td>Rankin, John R., M.D.</td>
<td>Pediatrics</td>
<td>Keokuk, Iowa</td>
</tr>
<tr>
<td>Roberts, Joseph D., M.D.</td>
<td>Otolaryngology</td>
<td>Longview, Tex.</td>
</tr>
<tr>
<td>Royer, Clark W., M.D.</td>
<td>Pediatrics</td>
<td>Indianapolis, Ind.</td>
</tr>
<tr>
<td>Snellis, Archie A., M.D.</td>
<td>Surgery</td>
<td>LaCrosse, Wis.</td>
</tr>
<tr>
<td>Snow, James B., M.D.</td>
<td>Pediatrics</td>
<td>Oklahoma City, Okla.</td>
</tr>
<tr>
<td>Speck, Myron E., M.D.</td>
<td>Surgery</td>
<td>Cleveland, Ohio</td>
</tr>
<tr>
<td>Tuttle, Asaph Marsh, M.D.</td>
<td>Pediatrics</td>
<td>Battle Creek, Mich.</td>
</tr>
<tr>
<td>Van Ness, J. Howard, M.D.</td>
<td>Pediatrics</td>
<td>Battle Creek, Calif.</td>
</tr>
<tr>
<td>Wade, Robert L., M.D.</td>
<td>Pediatrics</td>
<td>Tuscaloosa, Ala.</td>
</tr>
<tr>
<td>Walters, Franklin R., M.D.</td>
<td>Pediatrics</td>
<td>Battle Creek, Mich.</td>
</tr>
<tr>
<td>Wexler, Frank, A., M.D.</td>
<td>Obstetrics and Gynecology</td>
<td>Lewistown, Mont.</td>
</tr>
<tr>
<td>Wikstrom, John F., M.D.</td>
<td>Obstetrics and Gynecology</td>
<td>Ogden, Utah</td>
</tr>
<tr>
<td>Wing, Herbert J., M.D.</td>
<td>Pediatrics</td>
<td>Battle Creek, Mich.</td>
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<tr>
<td>Wise, Charles L., M.D.</td>
<td>Pediatrics</td>
<td>Camden, Ind.</td>
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<tr>
<td>Wise, Emery D., M.D.</td>
<td>Surgery</td>
<td>Everettville, Calif.</td>
</tr>
<tr>
<td>Wirtz, George R., M.D.</td>
<td>Pediatrics</td>
<td>Fond du Lac, Wis.</td>
</tr>
<tr>
<td>Woodcock, Dick, M.D.</td>
<td>Otolaryngology</td>
<td>Lethbridge, Alta.</td>
</tr>
</tbody>
</table>

**FOURTH YEAR CLASS (1936-37)**

<table>
<thead>
<tr>
<th>Name</th>
<th>Specialty</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adler, Bernard Charles</td>
<td>St. Louis, Mo.</td>
<td></td>
</tr>
<tr>
<td>Adler, Morton William, A.B.</td>
<td>Washington Univ., '33—St. Louis, Mo.</td>
<td></td>
</tr>
<tr>
<td>Barnes, Marlan, B.S., Univ. of Chicago, '27—Lawrence, Kans.</td>
<td></td>
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</tr>
<tr>
<td>Bassman, Roland Sidney</td>
<td>St. Louis, Mo.</td>
<td></td>
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<tr>
<td>Berger, Edward</td>
<td>St. Louis, Mo.</td>
<td></td>
</tr>
<tr>
<td>Boozer, Thomas Stewart, A.B., Univ. of Ala., '35—Anniston, Ala.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bourland, John Bozkouth, A.B., Harvard Coll., '34—Dallas, Tex.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Brewer, Arthur Allen, J.R., A.B., Northwest Mo. State Teachers Coll., '33—B.S., Univ. of Mo., '35—Maryville, Mo.</td>
<td></td>
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</tr>
<tr>
<td>Bronsky, Samuel, A.B., Washington Univ., '33—Brooklyn, N. Y.</td>
<td></td>
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<tr>
<td>Burch, Earl Samuel, A.B., Grinnell Coll., '35—Fort Dodge, Iowa.</td>
<td></td>
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<tr>
<td>Burks, James Willis, Jr., A.B., Vanderbilt Univ., '33—Nashville, Tenn.</td>
<td></td>
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<tr>
<td>Calvy, Edward</td>
<td>Stanford Univ., '32—Oakland, Calif.</td>
<td></td>
</tr>
<tr>
<td>Carter, Rexford Gillespie, A.B., Univ. of Mo., '35; B.S., Univ. of Mo., '35—St. Louis, Mo.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Case, Robert Bowen, A.B., Stanford Univ., '32—Oakland, Calif.</td>
<td></td>
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</table>

Total, 282.
Compton, Martin Andrew—Peoria, Ill.
Connell, John Richard, A.B., Drake Univ., '33—Des Moines, Iowa.
Crivant, Bernard Alan, A.B., Washington Univ., '32—East St. Louis, Ill.
Day, Samuel Mason, Jr., A.B., Univ. of Ala., '34—Alexander City, Ala.
Dougal, John Mac, A.B., Brigham Young Univ., '33—Springville, Utah.
Ehringer, Herman, A.B., Univ. of Wis., '33—St. Louis, Mo.
Florio, Joseph Anthony, A.B., Oberlin Coll., '33—Syracuse, N.Y.
Fitch, Richard Homer, A.B., Yankton Coll., '26; A.M., Univ. of S. Dak., '27;
Ph.D., Univ. of Wis., '31—Sturgis, S. Dak.
Gann, Eldred La Monte, B.S., Kans. State Agri. Coll., '29; M.S., Kans. State
Gebrand, Henry Christopher, B.S., Univ. of Wis., '35—Los Angeles, Calif.
Gellhorn, Alfred Adolph—St. Louis, Mo.
Glover, William Albert Kenneth, B.S., Southwest Mo. State Teachers Coll., '31;
B.S., Univ. of Mo., '35—Halfway, Mo.
Goldman, Gilbert Sanes, B.S., Univ. of Pittsburgh, '31—Pittsburgh, Pa.
Haentschel, Lester Eneas, A.B., Univ. of Wis., '35—Madison, Wis.
Harris, Edward Alan, A.B., Univ. of Ala., '32—Brewer, Ala.
Hayward, Willis Howard, B.S., Utah State Agri. Coll., '32—Logan, Utah.
Hubbard, Leslie Howell, A.B., Univ. of Ala., '34; B.S., Univ. of Ala., '35—
Montgomery, Ala.
Huffman, Carrell Wilson, B.S., Lenoir-Rhyne Coll., '32—Hickory, N.C.
Huntley, Henry Clay, A.B., Washington Univ., '32—Steele, Mo.
Itiner, George Washington, Jr., A.B., Univ. of Mo., '35; B.S., Univ. of Mo., '35—
St. Louis, Mo.
Jansons, John Willard, A.B., Univ. of N. Dak., '34; B.S., Univ. of N. Dak., '35—
Bismarck, N. Dak.
Kaplan, Arthur Arthur, A.B., Cornell Univ., '32—Brooklyn, N. Y.
Kerby, Kenneth Earl, A.B., Univ. of Mo., '35; B.S., Univ. of Mo., '35—Kansas
City, Mo.
Kingsland, Robert Chenault, A.B., Washington Univ., '33—St. Louis, Mo.
Kitcher, Theodor Engelmann, Jr., A.B., Yale Coll., '33—Belleville, Ill.
Kitchen, William Meyer, A.B., Univ. of Mo., '34; B.S., Univ. of Mo., '35—Glas-
gow, Mo.
Kusunoki, Clarence Junro, A.B., Univ. of Hawaii, '33—Honolulu, T. H.
Levinson, Julian Paul, B.S., Univ. of Pittsburgh, '32—Brownsville, Pa.
Lischer, Carl Edward, A.B., Univ. of Calif., '32—Webster Groves, Mo.
Little, Edgar Hugh, A.B., Washington Univ., '33—East St. Louis, Ill.
Little, Robert Allin, A.B., Washington Univ., '33—East St. Louis, Ill.
Littmann, Lewis Ezekiel, B.A., Washington Univ., '33—St. Louis, Mo.
McKelvie, William Blackford, B.S., Univ. of Mo., '35—Collinsville, Ill.
Lowenhaupt, Elizabeth, A.B., Radcliffe Coll., '33—St. Louis, Mo.
Lydon, Harold Ray, Jr., A.B., Univ. of Mo., '33—Kansas City, Mo.
Lyman, Edward Harry—St. Louis, Mo.
Lytle, Howard William, A.B., Stanford Univ., '33—Los Angeles, Calif.
MacNeil, Charles Eliehbrock, A.B., Washington Univ., '33—St. Louis, Mo.
McCull, Edwin Levan, A.B., Univ. of Mo., '32—Laddonia, Mo.
McGrath, Marion Stanley, B.S., Univ. of Idaho, '32—Star, Idaho.
McMullen, James Wallace, A.B., Tarkio Coll., '33; B.S., Univ. of Mo., '35—
Tarkio, Mo.
Melsenbach, Albert Edward, Jr., A.B., Washington Univ., '33—St. Louis, Mo.
Mendenhall, Lawrence Ernest, A.B., Washington Univ., '33—University City, Mo.
Miksick, John Edward, A.B., Washington Univ., '33—St. Louis, Mo.
Mountjoy, Philip Shannon, A.B., Washington Univ., '33—St. Louis, Mo.
Parreira, Morton Donald, A.B., Washington Univ., '33—St. Louis, Mo.
Peterson, Ralph, Clarence, B.S., Univ. of Wash., '33—Seattle, Wash.
Polan, Charles Morton, B.S., Ohio State Univ., '32; B.S., W. Va. Univ., '35—
Huntington, W. Va.
Pontier, Joseph John—San Francisco, Calif.
Printz, Joseph Harold, A.B., Univ. of Mo., '34; B.S., Univ. of Mo., '35—Kansas
City, Mo.
Quinn, William Joseph—San Francisco, Calif.
Reid, Henry Nowell, A.B., Harvard Coll., '33—Rome, N. Y.
Riser, Philip Crane, A.B., Grinnell Coll., '33—Blackwell, Okla.
wood, W. Va.
Robertson, Edwin Norris, Jr., A.B., Univ. of Kans., '33—Concordia, Kans.
Reed, Howard MacMachon, B.S., Univ. of the City of Toledo, '33—St. Louis, Mo.
Schopp, Alvin Charles, A.B., Washington Univ., '33—St. Louis, Mo.
Skaller, Maja Leroy, A.B., Washington Univ., '33—Memphis, Tenn.
Smith, Harvey Sydney, Jr.—East St. Louis, Ill.
Stevenson, Walter Davis, Jr., B.S., Univ. of Va., '33—Quincy, Ill.
Townsend, Hasel Layene, A.B., Univ. of Ala., '33—Birmingham, Ala.
Trowbridge, Barnard Cole, A.B., Univ. of Mo., '34—Kansas City, Mo.
Tversky, Edgar Louis—St. Louis, Mo.
Vaughan, John Russell, Jr., A.B., Washington Univ., '33—University City, Mo.
Wall, David Royal, A.B., Univ. of Kans., '33—Wichita, Kans.
Weber, Thomas Lofflin—Oney, Ill.
Winkle, William Cash, A.B., Univ. of Mo., '34; B.S., Univ. of Mo., '34—Jefferson City, Mo.
Westrup, Ellsworth Arthur, A.B., Washington Univ., '33—Webster Groves, Mo.
Williams, Ray David, A.B., Hampden-Sydney Coll., '30; M.S., Emory Univ., '31—St. Louis, Mo.
Wittler, Marie Henrietta—St. Louis, Mo.

Total, 94.

THIRD YEAR CLASS (1936-37)
Abrahams, Harry Harvey, A.B., Cornell Univ., '34—Long Beach, N. Y.
Aker, Cecil Grover, A.B., Central Coll., '34—Santa Ana, Calif.
Allee, William Sylvanus, A.B., Univ. of Mo., '34—Wadsworth, Kans.
Baers, Harry, A.B., Washington Univ., '35—St. Louis, Mo.
Baker, William Green, A.B., Univ. of Ill., '34—Salem, Ill.
Barks, Orville Leon, B.S., St. Louis Univ., '33; M.A., Univ. of Mo., '36—Herculaneum, Mo.
Barnett, Henry Lewis—St. Louis, Mo.
Bingham, Harvey Dexter, B.S., Univ. of Wash., '34—Mebané, N. C.
Blaney, Loren Francis, A.B., Washington Univ., '35—St. Louis, Mo.
Blankenship, George William, A.B., Kans. State Teachers Coll., '34—Southwest City, Mo.
Boots, Roger Hammond, A.B., Univ. of Mo., '34; B.S., Univ. of Mo., '36—Springfield, Mo.
Brookes, Robert Dunlap, A.B., DePauw Univ., '34—St. Louis, Mo.
Bryan, Malvern Thornton, A.B., Univ. of Tenn., '34—Memphis, Tenn.
Carter, Margaret Ann, A.B., Washington Univ., '34—Carthage, Mo.
Cerad,olph Henry, Jr., A.B., Washington Univ., '34—University City, Mo.
Dakin, Marion Janet, A.B., Wellesley Coll., '33—Madison, Wis.
Dix, John Willoughby, B.S., Univ. of Miami, '36—Coral Gables, Fla.
Doenges, James Luther—Tonkawa, Okla.
Findley, James Wallace, A.B., Univ. of Nebr., '34—Graham, Mo.
Fish, Joseph Lee, B.S., Central Mo. State Teachers Coll., '33; B.S., Univ. of Mo., '36—Urich, Mo.
Freedman, Harold, Ph.B., Yale Coll., '29—University City, Mo.
Gibson, Hyman William, B.S., Univ. of Wis., '35—Chicago, Ill.
Gilbert, Harold Raymond, A.B., St. Louis Univ., '34—Cleveland, Ohio
Gillett, Dorothy, B.S., Univ. of Wash., '31; M.S., Univ. of Wash., '32—Seattle, Wash.
Golden, Abraham Alfred, B.S., Univ. of Wis., '35; M.S., Univ. of Wis., '36—Madison, Wis.
Gumper, Lewis Joseph, A.B., Univ. of N. Dak., '34; B.S., Univ. of N. Dak., '36—Beitfield, N. Dak.
Hamilton, Eugene Henry, A.B., Univ. of Mo., '31; B.S., Univ. of Mo., '34—Hammond, Mo.
Harris, Reuben Rhys, A.B., Univ. of Ala., '35—Brewster, Fla.
Hartman, Paul Tupper, A.B., Washington Univ., '34—St. Louis, Mo.
Hawker, William Davis, B.S., Shurtleff Coll., '33—St. Louis, Mo.
Hempelmann, Louis Henry, Jr., A.B., Washington Univ., '34—St. Louis, Mo.
Hetzl, Clarence Charles, Jr., A.B., Univ. of Utah, '36—Ogden, Utah
Hoge, Garrett, Jr., B.S., Drury Coll., '34; B.S., Univ. of Mo., '36—Springfield, Mo.
Hughes, Preston Gardner, A.B., Brigham Young Univ., '34—Spanish Fork, Utah
Hunter, John Willis, Jr., A.B., Univ. of Ala., '34—Birmingham, Ala.
Jensen, Joshua Ernest, A.B., Denison Univ., '34—St. Louis, Mo.
Jones, James Buckner, A.B., Southeast Mo. State Teachers Coll., '33—Piedmont, Mo.
Kimelman, Nathan, B.S., Univ. of Pittsburgh, '33—Pittsburgh, Pa.
Kirtz, Louis Phillip, Jr., A.B., Washington Univ., '34—St. Louis, Mo.
Koch, Pearl Elizabeth—St. Louis, Mo.
Kostman, David Eli, A.B., Washington Univ., '33—St. Louis, Mo.
Kotner, Lawrence Melvin, A.B., Washington Univ., '34—St. Louis, Mo.
Leech, Maurice Packwood, A.B., Univ. of Mo., '34; B.S., Univ. of Mo., '36—New Franklin, Mo.
THE SCHOOL OF MEDICINE

Legow, Albert A., A.B., Adelbert Coll., '32—Cleveland, Ohio
Lionberger, John Robert, Jr., A.B., Washington Univ., '34—St. Louis, Mo.
Lowell, Vivien Fornan, A.B., Knox Coll., '34—Galesburg, Ill.
Lynn, Robert Bell, A.B., Univ. of Dubuque, '33—Granite City, Ill.
Lynn, Theodore Arres—San Francisco, Calif.
Mangum, John Robert—Nampa, Idaho.
Mantz, Harry Earl, A.B., Univ. of Mo., '34—St. Louis, Mo.
McKena, Wayne Pinkawa, A.B., Univ. of Calif., '33—Modesto, Calif.
Melaville, Eugene Francis, B.S., Manhattan Coll., '32; A.B., Univ. of Ala., '34—
Brooklyn, N. Y.
Miller, Clyde Sylvester, B.S., Southwest Mo. State Teachers Coll., '26; A.B.,
Univ. of Mo., '35; B.S., Univ. of Mo., '36—Big Piney, Mo.
Miltzer, Clyde Rogers, A.B., Univ. of Mo., '31—St. Louis, Mo.
Mitchell, Landis Patterson, Jr., B.S., Univ. of N. C., '30—Lexington, N. C.
Moles, Robert George—Phoenix, Ariz.
Moseley, Harry Gladding, B.S., Univ. of Ariz., '32—Tucson, Ariz.
Mueller, Alexander Ado—Belleville, Ill.
Nolan, James Findlay, A.B., Univ. of Mo., '35—St. Louis, Mo.
Parkr, Joe Marion, A.B., Univ. of I11., '30; M.S., Univ. of I11., '32—Vienna, Ill.
Peck, George Arthur, A.B., Drury Coll., '34—Springfield, Mo.
Piraino, Anthony Frank, A.B., Oberlin Coll., '34—Cleveland, Ohio
Pollock, Joseph Hirsh—St. Louis, Mo.
Pratt, William Coleman, A.B., Washington Univ., '33—St. Louis, Mo.
Richey, Tim Victor, A.B., Univ. of Ariz., '34—Tucson, Ariz.
Roberts, Thomas Haynes, B.S., Univ. of Nev., '34—Lovelock, Nev.
Robinson, Robert Roy, Jr., A.B., Univ. of Mo., '34; B.S., Univ. of Mo., '36—
Columbia, Mo.
Rodeman, Jack MacLean, A.B., Park Coll., '35; B.S., Univ. of Mo., '36—Sedalia, Mo.
Rose, William Frederick—Dupo, Ill.
Rosenblatt, Philip, A.B., Univ. of Neb., '34—New York, N. Y.
Ruff, Troy Eugene, A.B., Univ. of Mo., '35—Doniphan, Mo.
Schultz, Samuel—St. Louis, Mo.
Schwander, Leon Howard, A.B., Washington Univ., '34—St. Louis, Mo.
Serrano, Ernest Escarza, A.B., Univ. of Ala., '35—Tampa, Fla.
Shuman, John William, Jr., A.B., Univ. of Calif. at Los Angeles, '34—Santa
Monica, Calif.
Silverberg, Charles A., B.S., Washington Univ., '34—St. Louis, Mo.
Simpson, Reed Morgan—St. Louis, Mo.
Smith, Weldon Ferguson, B.S., Univ. of N. H., '34—Topsham, Mass.
Spitz, Milton Adolph, A.B., Dartmouth Coll., '34—Milwaukee, Wis.
Stanbro, William Woodrow—Ellicottville, N. Y.
Stemmer, Howard Abraham—East Cleveland, Ohio
Stull, John DeGarrs, A.B., Univ. of Iowa, '34—Ferguson, Mo.
Takenaka, Kanechi, B.S., Univ. of Hawaii, '34—Honolulu, T. H.
Thompson, Lewis C., R., Stanford Univ., '34—Woodland, Calif.
Van Deventer, James Kendall, A.B., Stanford Univ., '34—Long Beach, Calif.
Wade, Leo Joseph, A.B., '33—St. Louis, Mo.
Wade, Frank Joseph, Jr.—Olney, Ill.
Wedig, John Harrison—Wood River, Ill.
Wilder, Winfield Scott, B.S., Mont. State Coll., '34—Lewistown, Mont.
Wilson, Dale, B.S., Geneva Coll., '33; M.S., State Univ. of Iowa, '34—Morning
Sun, Iowa
Windham, Samuel Wilburn, A.B., Univ. of Ala., '35—Black, Ala.
Windus, Charles Edward, B.S., State Coll. of Wash., '34—Clarkston, Wash.
Zucker, Ralph Leo, B.S., Univ. of Toledo, '34—Toledo, Ohio.

SECOND YEAR CLASS (1936-37)
Ackerly, Roscoe Hope, B.S., Mont. State Coll., '35—Danvers, Mont.
Ahrens, John Heideman, A.B., Coll. of Wooster, '32—Lahore, India
Anderson, Charles Roy, A.B., Univ. of Ill., '35—St. Louis, Mo.
Basham, George Leo, A.B., Univ. of Wichita, '35—Wichita, Kans.
Baumgarten, Walter, Jr., A.B., Washington Univ., '35—St. Louis, Mo.
Beaur, Alfred Karl, A.B., Washington Univ., '35—Webster Groves, Mo.
Berger, Irving, A.B., Western Reserve Univ., '35—Cleveland Heights, Ohio
Berman, Benjamin Byral, A.B., Washington Univ., '35—East St. Louis, Ill.
Berger, Robert Roy, Jr., A.B., Univ. of Notre Dame, '35—Springfield, Ill.
Bierman, Howard Richard—Newark, N. J.
Blair, Virgil Paul, Jr., B.S., Florissant, Mo.
Blum, Leo J., Jr., B.S., Mercer Univ., '35—Macon, Ga.
Bohne, Arthur Waite, A.B., Univ. of Mo., '35—Joplin, Mo.
Borenstein, Joseph—Kansas City, Mo.
Boyers, Sidney Steven, B.S., Long Island Univ., '34—Brooklyn, N. Y.
Brelak, Carl Arthur—Seattle, Wash.
Brockbank, Mark Joseph, A.B., Brigham Young Univ., '35—Spanish Fork, Utah
Brown, Frances Preston, B.S., Univ. of Wis., '35—St. Louis, Mo.
Burbidge, Earl LeRoy, B.S., Univ. of Wis., '35—Kirkwood, Mo.
Canepa, Edward Gaten—St. Louis, Mo.
Cockett, Patrick Mormon, Jr., B.S., Univ. of Hawaii, '35—Maui, T. H.
Crider, Russell Jackson—Dixon, Mo.
Crutcher, Luke Fain, Jr.—Claremont, Calif.
Dickey, Dorothy Lucile, A.B., Univ. of Calif. at Los Angeles, '33—Pasadena, Calif.
Dick, Donald Clifford, A.B., Univ. of Calif., '35—Oakland, Calif.
Eckart, Charles Leonard—New York, N. Y.
Epstein, Leslie Alan, A.B., Univ. of Ill., '35—St. Louis, Mo.
Eveshan, Arthur Thomas John—St. Louis, Mo.
Fleming, Ruth, B.S., Univ. of Ark., '35—Fort Smith, Ark.
Fox, Leon Julius—St. Joseph, Mo.
Franklin, Harold Charles, A.B., Stanford Univ., '34—Antioch, Calif.
Gallagher, John Erwin—Rossford, Ohio.
Graham, John Glenwood, Jr., A.B., Washington Univ., '35—University City, Mo.
Graham, Robert Homer, A.B., Univ. of Ill., '35—Waterman, Ill.
Hansen, Phil, A.B., Brigham Young Univ., '35—Richfield, Utah.
Harrell, Julius Grissom—St. Louis, Mo.
Helm, John Edmund, A.B., Univ. of Ill., '35—Benton, Ill.
Hoover, Robert Arlie, A.B., Fort Hays (Kans.) State Coll., '35—Macksville, Kans.
Indefrey, Herman Frederick—Phoenix, Ariz.
Jennings, Margaret Ann, A.B., Univ. of Ky., '35—Lexington, Ky.
Jones, Sam, A.B., Univ. of Kans., '35—Hutchinson, Kans.
Keyes, Edgar Hayden, Jr., A.B., Harvard Univ., '35—University City, Mo.
Lamar, Robert Frederick, A.B., Univ. of Kans., '35—Kansas City, Mo.
Lathrum, Kenyon Stuart, A.B., Univ. of Mo., '35—Pampa, Tex.
McGrew, Robert, B.S., Univ. of Wash., '35—Tacoma, Wash.
McMahon, John Robert, B.S., Linfield Coll., '35—Shoshone, Idaho
Melick, William Frank—St. Louis, Mo.
Meeker, Benjamin—St. Louis, Mo.
Nuttall, Leonard Wilkins, A.B., Brigham Young Univ., '35—Provo, Utah
Passman, Bartholomew Michael, A.B., Washington Univ., '35—St. Louis, Mo.
Proud, Gideon O'Neil, A.B., Univ. of Mo., '35—St. Joseph, Mo.
Reinhardt, Edward Humphrey, A.B., Washington Univ., '35—St. Louis, Mo.
Rupp, Robert Coleman, A.B., Washington Univ., '35—Pattersonville, Mo.
Smith, Hugh Reinhardt, Jr., A.B., Washington Univ., '35—St. Louis, Mo.
Smith, Mitchel, A.B., Washington Univ., '35—St. Louis, Mo.
Starkoff, Gene Baldwin—St. Louis, Mo.
Thoma, John Walter Richard—Springfield, III.
Tigert, Allen Humphrey, B.S., Univ. of Idaho, '35—Soda Springs, Idaho
Weathers, Charles Barbour, B.S., Univ. of Ky., '34—Morganfield, Ky.
Welch, Arnold DeMerritt, B.S. in Pharm., Univ. of Fla., '30; M.S. in Pharm., '31; Ph.D., Univ. of Toronto, '34—St. Louis, Mo.
White, Charles Ormond—Belleville, Ill.
Woll, Maurice, A.B., Washington Univ., '35—Boonsville, Mo.
Wood, Belsy Geraldine, A.B., Univ. of Calif. at Los Angeles, '35—West Los Angeles, Calif.

**FOLLOW YEAR CLASS (1936-37)**

Ackerman, Albert Austin, A.B., Washington Univ., '36—St. Louis, Mo.
Anschuetz, Robert Ralph—Beardstown, Ill.
Barton, Wesley Austell, B.S., Univ. of Idaho, '34—St. Louis, Mo.
Bishop, Marion Dale—Ellis, Kans.
Bowen, Mary Elizabeth, A.B., Washington Univ., '36—St. Louis, Mo.
Canepa, Edward Gaten—St. Louis, Mo.
Crockett, Patrick Mormon, Jr., B.S., Univ. of Hawaii, '35—Maui, T. H.
<table>
<thead>
<tr>
<th>Name</th>
<th>University</th>
<th>Location</th>
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<tbody>
<tr>
<td>Curtis, William Shepley</td>
<td>A.B., Dartmouth Coll.</td>
<td>'36—Webster Groves, Mo.</td>
</tr>
<tr>
<td>Davis, Frank Luther</td>
<td>A.B., Washington Univ.</td>
<td>'36—St. Louis, Mo.</td>
</tr>
<tr>
<td>Delano, James Greason</td>
<td>A.B., Washington Univ.</td>
<td>'36—Hartsburg, Mo.</td>
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<td>Fleming, Albert Edward</td>
<td>A.B., Fresno State Teachers Coll.</td>
<td>'36—Sanger, Calif.</td>
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<td>Foerster, James Motz</td>
<td>A.B., Washington Univ.</td>
<td>'36—St. Louis, Mo.</td>
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<tr>
<td>Foster, John Paul</td>
<td>A.B., Alexandria, La.</td>
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<td>Friedman, Henry Tauber</td>
<td>A.B., Washington Univ.</td>
<td>'36—St. Louis, Mo.</td>
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<tr>
<td>Garrett, Robert Lowell</td>
<td>A.B., Univ. of Calif.</td>
<td>'35—Vernalis, Calif.</td>
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<td>Goerger, Verne Fredrick</td>
<td>A.B., Washington Univ.</td>
<td>'36—Webster Groves, Mo.</td>
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<tr>
<td>Goldring, David A.B.</td>
<td>Washington Univ.</td>
<td>'36—St. Louis, Mo.</td>
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<td>Griswold, Roger</td>
<td>Jefferson City, Mo.</td>
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<td>Gregory, Kendall</td>
<td>Decatur—Decatur, Ill.</td>
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<td>Grownan, Harold</td>
<td>Joplin, Mo.</td>
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<td>Grunow, Otto Henry</td>
<td>A.B., Univ. of Calif.</td>
<td>'36—Modesto, Calif.</td>
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<td>Guggenheim, Paul</td>
<td>A.B., Washington Univ.</td>
<td>'36—St. Louis, Mo.</td>
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<tr>
<td>Harris, Joe Bryne</td>
<td>A.B., Univ. of Tex.</td>
<td>'36—Midlothian, Tex.</td>
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<td>Hirst, Russell Nelson</td>
<td>B.S., Utah State Agri. Coll.</td>
<td>'36—Logan, Utah</td>
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<td>Huntington, Margaret A.B.</td>
<td>Swarthmore Coll.</td>
<td>'36—St. Louis, Mo.</td>
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<td>Iknyayan, Herbert Aram</td>
<td>A.B., Johns Hopkins Univ.</td>
<td>'30—Charleston, Ill.</td>
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<td>Jenkins, Lilian Hall</td>
<td>A.B., Univ. of Mo.</td>
<td>'36—Wakefield, Mass.</td>
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<td>Kallenbach, Floralou</td>
<td>B.S., Univ. of Ariz.</td>
<td>'36—Tucson, Ariz.</td>
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<tr>
<td>Kinman, Lindell Merle</td>
<td>B.S., Univ. of Notre Dame</td>
<td>'36—Jonesboro, Ark.</td>
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<tr>
<td>Koch, Robert Eugene</td>
<td>A.B., Washington Univ.</td>
<td>'36—Clayton, Mo.</td>
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<td>Landau, Richard Louis</td>
<td>St. Louis, Mo.</td>
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<td>Lawrence, Emmett Herbert</td>
<td>Northwest Mo. State Teachers Coll.</td>
<td>'36—Stam-</td>
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<td>berry, Mo.</td>
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<td>Macdonald, William Charles</td>
<td>B.S., Univ. of Notre Dame</td>
<td>'36—St. Louis, Mo.</td>
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<tr>
<td>Mann, James, A.B.</td>
<td>Univ. of Ill.</td>
<td>'35—Paterson, N. J.</td>
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<td>McEoinah, Donald James</td>
<td>B.S., Univ. of Toledo</td>
<td>'36—Toledo, Ohio.</td>
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<td>McPadden, Mary Catherine</td>
<td>A.B., Washington Univ.</td>
<td>'36—Clayton, Mo.</td>
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<tr>
<td>Miller, Anna M.</td>
<td>F., State Coll. for Women</td>
<td>'25—Dania, Fl.</td>
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<tr>
<td>Merrill, Robert Lowe,</td>
<td>B.S., Utah State Agri. Coll.</td>
<td>'35—Logan, Utah</td>
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<td>Mira, Joseph John</td>
<td>A.B., Univ. of Rochester</td>
<td>'36—Rochester, N. Y.</td>
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<td>Moore, Gordon Fairlie</td>
<td>B.S., Washington Coll.</td>
<td>'20; M.S., Ohio State Univ., '32—</td>
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<tr>
<td>Harden, Ohio</td>
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<tr>
<td>Nishijima, Takeshi</td>
<td>B.S., Univ. of Hawaii</td>
<td>'35; M.S., Univ. of Hawaii, '36—</td>
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<td>Honolulu, T. H.</td>
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<td>Overmyer, Charles George</td>
<td>A.B., James Millikin Univ.</td>
<td>'36—Decatur, Ill.</td>
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<td>O'Dell, Richard Thomas</td>
<td>A.B., Westminster Coll.</td>
<td>'35—Farmington, Mo.</td>
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<td>O'Neal, Robert Palmer</td>
<td>A.B., Occidental Coll.</td>
<td>'35; A.M., Occidental Coll., '36—</td>
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<tr>
<td>Santa Monica, Calif.</td>
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<td>Pearce, Lee James</td>
<td>A.B., Univ. of Ill.</td>
<td>'39—El Dorado, Ill.</td>
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<td>Read, William Tolbert</td>
<td>Coffeyville, Kans.</td>
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<td>Rindskopf, Wallace, Jr.</td>
<td>—University City, Mo.</td>
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<td>Robertson, James Hartford</td>
<td>B.S., Drury Coll.</td>
<td>'36—Springfield, Mo.</td>
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<td>Robinson, Leo Davis</td>
<td>A.B., Univ. of Calif.</td>
<td>'36—San Jose, Calif.</td>
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<td>Sachar, Lies Aaron</td>
<td>A.B., Washington Univ.</td>
<td>'30—St. Louis, Mo.</td>
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<td>Sale, Llewellyn, Jr.</td>
<td>A.B., Yale Coll.</td>
<td>'36—St. Louis, Mo.</td>
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<td>Savory, John Harmsworth</td>
<td>Atchison, Kans.</td>
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<td>Sawyer, Harry William, A.B.</td>
<td>Univ. of Nev.</td>
<td>'38—Fallon, Nev.</td>
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<td>Schoen, Frederic, A.B.</td>
<td>Washington Univ.</td>
<td>'36—St. Louis, Mo.</td>
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<td>Skinner, John Spalding</td>
<td>Webster Groves, Mo.</td>
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<td>Slim, Ole, Jr.</td>
<td>LaCrosse, Wash.</td>
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<td>Smith, Joseph James</td>
<td>Shattuck, Okla.</td>
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<td>Smith, Robert Moore</td>
<td>A.B., Washington Univ.</td>
<td>'36—East St. Louis, Ill.</td>
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<td>Streichman, Benjamin George</td>
<td>A.B., Central Coll.</td>
<td>'25; M.A., Univ. of Mo., '32—Bland, Mo.</td>
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<td>Thompson, Herbert Nesbitt</td>
<td>A.B., Phillips Univ.</td>
<td>'36—Enid, Okla.</td>
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<td>Thurman, Joseph David, Jr.</td>
<td>A.B., Washington Univ.</td>
<td>'36—St. Louis, Mo.</td>
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<td>Topp, William Leon</td>
<td>B.S., Univ. of Wash.</td>
<td>'36—Seattle, Wash.</td>
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<td>Wall, Walton B., Jr.</td>
<td>B.S., Univ. of Fla.</td>
<td>'36—Fayetteville, Ark.</td>
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<tr>
<td>Wiley, Horace Mann</td>
<td>A.B., Friends Univ.</td>
<td>'34—Garden City, Kans.</td>
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<td>Wilson, Benjamin George</td>
<td>A.B., Central Coll.</td>
<td>'25; M.A., Univ. of Mo., '32—Bland, Mo.</td>
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<td>Wright, Charles</td>
<td>A.B., Kentucky Coll.</td>
<td>'36—Lexington, Ky.</td>
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<tr>
<td>Yoder, William</td>
<td>A.B., Central Coll.</td>
<td>'35—Midland, Mo.</td>
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</tbody>
</table>
SUMMARY OF STUDENTS IN THE SCHOOL OF MEDICINE (1936-37)

Graduate Students
Fourth Year Class ........................................ 282
Third Year Class ........................................... 94
Second Year Class .......................................... 74
First Year Class ............................................ 81
Total, 630

PHYSICIANS ATTENDING GRADUATE COURSES BETWEEN
JANUARY 1 AND DECEMBER 31, 1937

Althoff, William R., M.D .................................. Obstetrics and Gynecology ..................................... Dayton, Ohio
Auslander, Milton, M.D ..................................... Otolaryngology ....................................................... Ernest, Pa.
Bailey, William H., M.D .................................... Ophthalmology ....................................................... St. Louis, Mo.
Becker, Luther F., M.D ...................................... Otolaryngology ....................................................... Bedford, Ky.
Berkley, William L., M.D ................................... Ophthalmology ....................................................... U. S. Navy
Berkove, Alfred B., M.D .................................... Otolaryngology and Ophthalmology ......................... Oakland, Calif.
Carter, Job T., M.D .......................................... Ophthalmology ....................................................... Montgomery, Ala.
Dvorak, Joseph E., M.D ..................................... Ophthalmology ....................................................... Sioux City, Iowa
Finocchiaro, Cirino, M.D .................................. Obstetrics and Gynecology ........................................ Omaha, Nebr.
Fitzgerald, Leo P., M.D ..................................... Obstetrics and Gynecology ........................................ University City, Mo.
Ford, Hanby L., M.D ......................................... Ophthalmology ....................................................... Champaign, Ill.
Francis, Raymond T., M.D .................................. Ophthalmology ....................................................... Riverside, Calif.
Friedman, Elmer A., M.D ................................... Otolaryngology ....................................................... Chicago, Ill.
Gill, B. King, M.D .......................................... Ophthalmology ....................................................... Corpus Christi, Tex.
Greenlee, Max R., M.D ...................................... Ophthalmology ....................................................... Oklahoma, Iowa
Griner, Ernest C., M.D ...................................... Obstetrics and Gynecology ........................................ Stockton, Calif.
Guerra, Alfonso E., M.D .................................... Genitourinary Surgery ........................................... Monterrey, Mexico
Hawkins, N. William, M.D .................................. Otolaryngology ....................................................... Bonne Terre, Mo.
Hill, Howard E., M.D ....................................... Ophthalmology ....................................................... Muncie, Ind.
Irwin, Thomas M. ............................................ Ophthalmology ....................................................... Jacksonvile, Fla.
Johnson, Craig B., M.D ...................................... Ophthalmology ....................................................... U. S. Navy
Mall, Werner W. M. ........................................ Otolaryngology ....................................................... Palm Springs, Calif.
Maloy, Wayland H., M.D .................................... Ophthalmology ....................................................... Shenandoah, Iowa
Martin, Herbert, M.D ....................................... Otolaryngology ....................................................... Brooklyn, N. Y.
McGill, James W., M.D ..................................... Obstetrics and Gynecology ........................................ Superior, Wis.
McKissock, John C., M.D .................................. Otolaryngology ....................................................... Faris, Tenn.
Monette, Camille J., M.D .................................. Otolaryngology ....................................................... Manchester, N. H.
Mueller, Julius D., M.D .................................... Obstetrics and Gynecology ........................................ Flandreau, S. D.
Nelson, Carroll C., M.D .................................... Obstetrics and Gynecology ........................................ Red Oak, Iowa
Newport, Pearce E., M.D ................................... Ophthalmology ....................................................... Clarinda, Iowa
Null, Robert, M.D .......................................... Otolaryngology ....................................................... Los Angeles, Calif.
Phillips, Earl H., M.D ...................................... Otolaryngology ....................................................... Salt Lake City, Utah
Pohman, David A., M.D .................................... Otolaryngology ....................................................... Omaha, Nebr.
Pohman, Max E., M.D ...................................... Otolaryngology ....................................................... Omaha, Nebr.
Reed, Andrew I., M.D ...................................... Ophthalmology ....................................................... Estherville, Iowa
Rosenthal, Leonard G., M.D ................................ Otolaryngology ....................................................... St. Louis, Mo.
Rubin, Nathan S., M.D ..................................... Otolaryngology ....................................................... Pensacola, Fla.
Secoy, Frank L., M.D ....................................... Ophthalmology ....................................................... Sioux City, Iowa
Smith, Clifford E., M.D .................................... Ophthalmology ....................................................... DeKalb, Ill.
Smith, James T., M.D ....................................... Genitourinary Surgery ........................................... Clayton, Ill.
Somer, Frank A., M.D ...................................... Otolaryngology ....................................................... East Bernard, Tex.
Stephan, Raymond J., M.D ................................ Ophthalmology ....................................................... Cedar Rapids, Iowa
<table>
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<th>Name</th>
<th>Degree</th>
<th>Institution</th>
<th>State</th>
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<tr>
<td>Thomas, Marshall J.</td>
<td>M.D.</td>
<td>Otolaryngology</td>
<td>Ohio</td>
<td>Jeromeville</td>
</tr>
<tr>
<td>Togasaki, Teru X.</td>
<td>M.D.</td>
<td>Obstetrics and Gynecology</td>
<td>Calif.</td>
<td>San Francisco</td>
</tr>
<tr>
<td>White, Charles E.</td>
<td>M.D.</td>
<td>Otolaryngology</td>
<td>Okla.</td>
<td>Muskogee</td>
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<tr>
<td>Williams, John W.</td>
<td>M.D.</td>
<td>Otolaryngology</td>
<td>Mo.</td>
<td>Springfield</td>
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**FOURTH YEAR CLASS (1937-38)**

<table>
<thead>
<tr>
<th>Name</th>
<th>Degree</th>
<th>Institution</th>
<th>State</th>
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<tr>
<td>Abrahams, Harry Harvey</td>
<td>A.B.</td>
<td>Cornell Univ.</td>
<td>N. Y.</td>
<td>Long Beach</td>
</tr>
<tr>
<td>Aker, Cecil Grover</td>
<td>A.B.</td>
<td>Central Coll.</td>
<td>Tenn.</td>
<td>Memphis</td>
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<td>Allee, William Sylvanus</td>
<td>A.B.</td>
<td>Univ. of Mo.</td>
<td>Kans.</td>
<td>Wadsworth</td>
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<td>Baers, Harry A.B.</td>
<td>A.B.</td>
<td>Washington Univ.</td>
<td>Mo.</td>
<td>St. Louis</td>
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<td>Baker, William Green</td>
<td>A.B.</td>
<td>Univ. of Ill.</td>
<td>Ill.</td>
<td>Salem</td>
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<td>Barks, Orville Leon</td>
<td>B.S.</td>
<td>St. Louis Univ.</td>
<td>Mo.</td>
<td>Springfield</td>
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<td>Barnet, Henry Lewis</td>
<td>M.D.</td>
<td>St. Louis, Mo.</td>
<td>Mo.</td>
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<td>Bingham, Harvey Dexter</td>
<td>B.S.</td>
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<td>Blaney, Loren Francis</td>
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<td>Mo.</td>
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<td>Blakenshi, George William</td>
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<td>Kans. State Teachers Coll.</td>
<td>Mo.</td>
<td>Southwest City</td>
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<td>Brookes, Robert Dunlap</td>
<td>A.B.</td>
<td>De Pauw Univ.</td>
<td>Mo.</td>
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<td>Bryan, Malvern Thornton</td>
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<td>Ill.</td>
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<td>Mo.</td>
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<td>Wellesley Coll.</td>
<td>Mo.</td>
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<td>Tokawa, Okla.</td>
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<td>Fiandaca, Patsy Marion</td>
<td>B.S.</td>
<td>W. Va. Univ.</td>
<td>Pa.</td>
<td>Mt Pleasant</td>
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<td>Yale Coll.</td>
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<td>Gilbert, Harold Raymond</td>
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<td>Adelbert Coll.</td>
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<td>Gumper, Lewis Joseph</td>
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<td>Univ. of Ala.</td>
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<td>Shurtleff Coll.</td>
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<td>Knox Coll.</td>
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<td>Nampa</td>
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<td>Univ. of Ala.</td>
<td>Mo.</td>
<td>Modesto</td>
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<td>Meecker, Cornelius Shepherd</td>
<td>A.B.</td>
<td>Ill. Coll.</td>
<td>Ill.</td>
<td>Jacksonville</td>
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<td>Melville, Eugene Francis</td>
<td>B.S.</td>
<td>Manhattan Coll.</td>
<td>Mo.</td>
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<td>Mitchell, Landis Patterson</td>
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<td>Univ. of Ala.</td>
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<td>Spray</td>
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<td>Moles, Robert George</td>
<td>B.S.</td>
<td>Phoenix, Ariz.</td>
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Moseley, Harry Gladding, B.S., Univ. of Ariz., '32—Tucson, Ariz.
Mueller, Alexander Ado—Belleville, Ill.
Nolan, James Findley, A.B., Univ. of Mo., '35—St. Louis, Mo.
Parker, Joe Marion, A.B., Univ. of Ill., '36; M.S., Univ. of Ill., '32—Vienna, Ill.
Pechak, Vernon M., A.B., Drury Coll., '34—Springfield, Mo.
Pirnam, Anthony Frank, A.B., Oberlin Coll., '34—Cleveland, Ohio
Pollock, Joseph Hirsh—St. Louis, Mo.
Richey, Tim Victor, A.B., Univ. of Ariz., '34—Tucson, Ariz.
Roberts, Thomas Haynes, B.S., Univ. of Nev., '34—Lovelock, Nev.
Robinson, Robert Roy, Jr., A.B., Univ. of Mo., '34; B.S., Univ. of Mo., '36—
Hallellio, Mo.
Rodeman, Jack MacLean, A.B., Park Coll., '35; B.S., Univ. of Mo., '36—Sedalia,
Mo.
Rose, William Frederick—Dupo, Ill.
Rosenblatt, Phillip, A.B., Univ. of Nebr., '34—New York, N. Y.
Ruff, Troy Eugene, A.B., Univ. of Mo., '35—Doniphan, Mo.
Schultz, Samuel—St. Louis, Mo.
Schwander, Leon Howard, Jr., A.B., Washington Univ., '34—St. Louis, Mo.
Serrano, Ernest Escarza, A.B., Univ. of Ala., '35—Tampa, Fla.
Shuman, John William, Jr., A.B., Univ. of Calif. at Los Angeles, '34—Santa
Monica, Calif.
Silverberg, Charles, A.B., Washington Univ., '34—St. Louis, Mo.
Simpson, Reed Morgan—St. Louis, Mo.
Spitz, Milton Adolph, A.B., Dartmouth Coll., '34—Milwaukee, Wis.
Stanbro, William Woodrow—Ellicottville, N. Y.
Steiner, Howard Abraham—East Cleveland, Ohio
Stull, John DeGarrs, A.B., State Univ. of Iowa, '34—Ferguson, Mo.
Takanea, Kazushige, B.S., Univ. of Hawaii, '34—Honolulu, T. H.
Thomas, Roy, A.B., Stanford Univ., '34—Woodland, Calif.
Van Deventer, James Kendall, A.B., Stanford Univ., '31—Long Beach, Calif.
Wade, Leo Joseph, A.B., Washington Univ., '33—St. Louis, Mo.
Wehr, Frank Joseph, Jr.—Oney, Ill.
Weilg, John Harrison—Wood River, III.
Wilson, Dale, B.S., Geneva Coll., '33; M.S., State Univ. of Iowa, '34—Morning
Sun, Iowa.
Windham, Samuel Wilburn, A.B., Univ. of Ala., '35—Black, Ala.
Windus, Charles Edward, B.S., State Coll. of Wash., '34—Clarkston, Wash.
Zucker, Ralph Leo, B.S., Univ. of Toledo, '34—Toledo, Ohio.

THIRD YEAR CLASS (1937-38)

Ackerly, Roscoe Hope, B.S., Mont. State Coll., '35—Danvers, Mont.
Anderson, Charles Roy, A.B., Univ. of Ill., '35—St. Louis, Mo.
Bauman, Erinn Freida, B.S., Univ. of N. C., '37—Lexington, N. C.
Basham, George Leo, A.B., Univ. of Wichita, '35—Wichita, Kans.
Baumgarten, Walter, Jr., A.B., Washington Univ., '35—St. Louis, Mo.
Berger, Irving, A.B., Western Reserve Univ., '35—Cleveland Heights, Ohio
Bierman, Benjamin Byral, A.B., Washington Univ., '35—East St. Louis, Ill.
Bierman, William Reisch, B.S., Univ. of Notre Dame, '35—Springfield, Ill.
Bierman, Howard Richard—Newark, N. J.
Blair, Vilray F. Jr., A.B., Ohio State Univ., '35—Mason, Ohio
Bloom, Leo J., Jr., B.S., Mercer Univ., '36—Macon, Ga.
Bokne, Arthur Walter, A.B., Univ. of Mo., '35—Joplin, Mo.
Borenstein, Joseph—Kansas City, Mo.
Boyers, Sidney Steven, B.S., Long Island Univ., '34—Brooklyn, N. Y.
Brakel, Carl Arthur—Seattle, Wash.
Brockbank, Mark Joseph, A.B., Brigham Young Univ., '35—Spanish Fork, Utah
Bullock, Earl Elroy, B.S., Univ. of Wis., '35—Chicago, Ill.
Campbell, Harry Bryant, A.B., Univ. of S. Dak., '34; B.S., Univ. of S. Dak., '37—
Des Moines, Iowa
Canepa, Edward Gaten—St. Louis, Mo.
Cockett, Patrick Mormon, Jr., B.S., Univ. of Hawaii, '35—Maul, T. H.
Corgill, Donald Alton—Monticello, N. Y.
Cron, Henry Edward—Stettin, Germany
Dameron, Edward Oscar, B.S., Univ. of Mo., '37—Elberberry, Mo.
Dodd, Donald Clifford, A.B., Univ. of Calif., '35—Oakland, Calif.
Douglas, Paul Lowell, A.B., William Jewell Coll., '33; B.S., Univ. of Mo., '36—Liberty, Mo.
Douglas, Thomas Harrelson, Jr., A.B., Univ. of Mo., '36; B.S., Univ. of Mo., '37—Bolivar, Mo.
Eckert, Charles Leonard—New York, N. Y.
Elsworth, John Nelson, A.B., Univ. of N. Dak., '35; B.S., Univ. of N. Dak., '37—Bismarck, N. Dak.
Fleming, Ruth, B.S., Univ. of Ark., '36—E. St. Louis, Ill.
Fosd, Oscar Fritjof, A.B., Univ. of Wis., '31—Madison, Wis.
Foster, Miles Everett, Jr., A.B., Univ. of Mo., '36; B.S., Univ. of Mo., '37—E. St. Louis, Ill.
Fox, Leon Julius—St. Joseph, Mo.
Frazier, George Frederick, A.B., Stanford Univ., '36—Antioch, Calif.
Frazier, Richard Stanton, A.B., Univ. of Mo., '33; B.S., Univ. of Mo., '37—East St. Louis, Ill.
Geppert, Leo Joseph, A.B., Univ. of S. Dak., '35; M.A., Univ. of S. Dak., '37— Vermillion, S. Dak.
Graham, John Glenwood, Jr., A.B., Washington Univ., '35—University City, Mo.
Greeley, Robert Hiram, A.B., Univ. of Ill., '35—Waterman, Ill.
Hall, John Randolph, Jr., A.B., Central Coll., '35—E. St. Louis, Ill.
Hansen, Phil, A.B., Brigham Young Univ., '35—Riverton, Utah
Hardaway, Robert Morris, A.B., Univ. of Denver, '36—Denver, Colo.
Harrell, Julius Grissom—St. Louis, Mo.
Helm, John Edmund, A.B., Univ. of Ill., '35—Benton, Ill.
Hildebrand, William Bennett, B.S., Univ. of Wis., '37—Madison, Wis.
Inderied, Herman Frederick—Phoenix, Ariz.
Ingram, Margaret Ann and, B.S., Univ. of Ky., '35—Lexington, Ky.
Johnston, Peter Rich, B.S., Utah State Agri. Coll., '32—Blackfoot, Idaho
Jones, Sam, A.B., Univ. of Kans., '35—Hutchinson, Kans.
Jordan, Fred Covington, Jr., B.S., Univ. of Ariz., '35—Phoenix, Ariz.
Keys, Robert Franklin, Jr., A.B., Harvard Univ., '35—University City, Mo.
Kuhlmann, Raymond Frank, A.B., Univ. of Wis., '36—Milwaukee, Wis.
Lamar, Robert Frederick, A.B., Univ. of Kans., '35—Kansas City, Mo.
Latham, Kenyon Stuart, A.B., Univ. of Mo., '35—California, Mo.
McElroy, West Glover, B.S., Univ. of Wash., '35—Tacoma, Wash.
McMahon, John Robert, B.S., Linfield Coll., '35—Shoshone, Idaho
Mellick, William Frank—St. Louis, Mo.
Miller, Benjamin—St. Louis, Mo.
Mullen, Aloysius John, B.S., Univ. of Wis., '36—Madison, Wis.
Neubauer, Elizabeth, A.B., Brigham Young Univ., '35—Provo, Utah
Passamante, Bartholomew Michael, A.B., Washington Univ., '35—St. Louis, Mo.
Peud, Gideon O'Neill, A.B., Univ. of Mo., '35—St. Joseph, Mo.
Reim, Robert Humphrey, A.B., Washington Univ., '35—St. Louis, Mo.
Ritter, Morton David, A.B., Univ. of Ala., '35—Atlantic City, N. J.
Robinson, Donald Wade, A.B., Univ. of N. Dak., '36; B.S., Univ. of N. Dak., '37—Garrison, N. Dak.
Roper, Stanley Dayton, A.B., S. W. Mo. State Teachers Coll., '35; B.S., Univ. of Mo., '37—Ozark, Mo.
Robjow, Russell J., B.S., Univ. of Wis., '32—Madison, Wis.
Sawyer, Herbert Carl, A.B., Univ. of Mo., '32; B.S., Univ. of Mo., '37—Sweet Springs, Mo.
Skinner, John Thomas, A.B., Univ. of Mo., '35; B.S., Univ. of Mo., '37—Kansas City, Mo.
Smith, Hugh Reinhardt, Jr., A.B., Washington Univ., '35—St. Louis, Mo.
Starkloff, Gene Baldwin—St. Louis, Mo.
Thoma, John Walter Richard—Springfield, Ill.
Towers, George White, B.S. in Ed., N. E. Mo. State Teachers Coll., '35; B.S., Univ. of Mo., '37—St. Charles, Mo.
Wallace, Samuel Henderson, Jr., A.B., Univ. of Ala., '36—Birmingham, Ala.
Welch, Arnold DeMerritt, B.S., Univ. of Fla., '30; M.S., Univ. of Fla., '31; Ph.D., Univ. of Toronto, '34—St. Louis, Mo.
White, Charles Ormond—Belleville, Ill.
Whitfield, Fred Stuart, Jr., A.B., Univ. of Ala., '36—Moundville, Ala.
Well, Maurice, A.B., Washington Univ., '35—Boonville, Mo.
Wootten, Betsy Geraldine, A.B., Univ. of Calif. at Los Angeles, '35—West Los Angeles, Calif.
Zander, Ernst—Berlin, Germany
Zillgitt, George Henry, A,B., Univ. of Mo., '36 ; B.S., Univ. of Mo., '37—Marthasville, Mo.

SECOND YEAR CLASS (1937-38)

Ackerman, Albert Austin, A.B., Washington Univ., '36—St. Louis, Mo.
Anschuetz, Robert Ralph—Beardstown, Ill.
Barton, Wesley Austell, B.S., Univ. of Idaho, '24—St. Louis, Mo.
Bishop, Marion Dale—Hazelton, Kans.
Boven, Mary Elizabeth, A.B., Washington Univ., '36—St. Louis, Mo.
Brown, Seymour—St. Louis, Mo.
Budeke, Harold Ammon, A.B., Washington Univ., '36—St. Louis, Mo.
Buehler, Carl Theodore, Jr., A.B., Westminster Coll., '36—Eldon, Mo.
Clarke, Harvel Butler, A.B., Southwest Mo. State Teachers Coll., '33 ; A.B., Univ. of Mo., '33—St. Louis, Mo.
Curtis, William Shepley, A.B., Dartmouth Coll., '36—Webster Groves, Mo.
Davis, Frank Luther, A.B., Washington Univ., '36—St. Louis, Mo.
Delano, James Greason, A.B., Washington Univ., '36—Hartsburg, Mo.
Fleming, Albert Edward, A.B., Fresno State Teachers Coll., '24—Atascadero, Cal.
Franklin, Harold Charles, A.B., Grinnell Coll., '36—Atlantic, Iowa
Friedman, Henry Tauber, A.B., Washington Univ., '36—St. Louis, Mo.
Gall, Charles E., Jr., A.B., Westminster Coll., '36—Ferguson, Mo.
Garrett, Robert Lowell, A.B., Univ. of Calif., '35—Vernals, Calif.
Goerger, Verne Fredrick, A.B., Washington Univ., '36—Webster Groves, Mo.
Goldring, David, A.B., Washington Univ., '36—St. Louis, Mo.
Gottschalk, Roger—Jefferson City, Mo.
Gregory, Kendall Decatur—Decatur, Ill.
Growdon, James Harold—Joplin, Mo.
Grunow, Otto Henry, A.B., Univ. of Calif., '34—Broomfield, Calif.
Harris, Joe Joffre, A.B., Univ. of Tex., '36—Midlothian, Tex.
Harrison, Harry Luke, Jr., A.B., Univ. of Calif., '36—Oakland, Calif.
Hirst, Russell Nelson, B.S., Utah State Agri. Coll., '36—Logan, Utah
Huntington, Margaret Orr, A.B., Swarthmore Coll., '36—St. Louis, Mo.
Ikemyan, Herbert Aram, A.B., Johns Hopkins Univ., '35—Charleston, Ill.
Jenkins, Lillian Hall, A.B., Univ. of Mo., '30—Wakefield, Mass.
Kerr, J. Hall-McNutt, Jr., A.B., Univ. of Colo., '36—Boulder, Colo.
Kettensch, Floralou, B.S., Univ. of Ariz., '36—Tucson, Ariz.
Kinnman, Lindell Merle, B.S., Univ. of Notre Dame, '36—Joliet, Ill.
Landau, Richard Louis—St. Louis, Mo.
Lindley, Emmett Herbert, A.B., Northwest Mo. State Teachers Coll., '36—St. Mary's, Mo.
Macdonald, William Charles, B.S., Univ. of Notre Dame, '36—St. Louis, Mo.
Mann, James, A.B., Univ. of Ill., '35—Paterson, N. J.
Merrill, Robert Lowe, B.S., Utah State Agri. Coll., '36—Logan, Utah.
Mira, Joseph John, A.B., Univ. of Rochester, '36—Rochester, N. Y.
Moore, Gordon Fairle, B.S., Wilmington Coll., '39 ; M.S., Ohio State Univ., '32—Borden, Ohio.
Obermoyer, Charles George, A.B., James Millikin Univ., '36—Decatur, Ill.
Pearce, Lee James, A.B., Univ. of Ill., '36—Eldorado, Ill.
Redd, William Tolbert—Coffeyville, Kans.
Rindskopf, Wallace, Jr.—University City, Mo.
Robertson, Howard Thomas—Concordia, Kans.
Robinson, James, A.B., Univ. of Calif., '35—Springfield, Mo.
Sachar, Irving Aaron, A.B., Washington Univ., '36—St. Louis, Mo.
Sabin, Llewellyn, Jr., A.B., Yale Coll., '36—St. Louis, Mo.
Saunders, Robert, A.B., A.B., Washington Univ., '36—St. Louis, Mo.
Skinner, John Spalding—Webster Groves, Mo.
Slind, Ole, Jr.—La Crosse, Wash.
THE SCHOOL OF MEDICINE

Smith, Joseph James—Shattuck, Okla.
Smith, Robert Moore, Jr., A.B., Washington Univ., '36—East St. Louis, Ill.
Strehlman, Benjamin George, A.B., Central Coll., '35; M.A., Univ. of Mo., '32—
Bland, Mo.
Thompson, Herbert Nesbitt, A.B., Phillips Univ., '36—Enid, Okla.
Topp, William Leon, B.S., Univ. of Wash., '36—Seattle, Wash.
Topp, William Leon, B.S., Univ. of Fla., '36—Fayetteville, Ark.
Walt, Walter B., Jr., B.S., Univ. of Fla., '36—Fayetteville, Ark.
Wright, Sydney Thurman, A.B., Fresno State Teachers Coll., '35—Selma, Calif.
Young, Robert Helm, A.B., Washington Univ., '36—Kirkwood, Mo.

FIRST YEAR CLASS (1937-38)

Ahrens, Roy Edwin, Jr., A.B., Washington Univ., '36—St. Louis, Mo.
Albert, Bernice, A.B., Washington Univ., '37—St. Louis, Mo.
Beatty, John Henry, B.S., Univ. of Wash., '37—Everett, Wash.
Bohnert, Earl, A.B., Washington Univ., '37—St. Louis, Mo.
Branwell, Donald Martin, B.S., Oregon State Coll., '36—Corvallis, Ore.
Campbell, Cornelia Ruth, A.B., Texas Christian Univ., '37—Del Rio, Texas.
Canaga, Bruce Livingston, Jr.—Coronado, Calif.
Caraco, Henry Aaron, A.B., Univ. of Calif. at Los Angeles, '37—Los Angeles, Calif.
Clymer, James Mitchell, B.S., Southeastern Teachers Coll., '33—Durant, Okla.
Connolly, Randall, A.B., Ohio Univ., '37—Parkersburg, W. Va.
Cook, John, Jr., A.B., Washington Univ., '37—East St. Louis, Mo.
Cook, Robert Koho, A.B., Univ. of Kans., '37—Independence, Kans.
Cook, Charles William, A.B., Univ. of Kans., '37—Topeka, Kans.
Dickerson, Robert Brooks, A.B., Pomona Coll., '33—San Diego, Calif.
Ellin, Calvin Carlyle, A.B., Washington Univ., '37—Okmulgee, Okla.
Ellman, Alexander, B.S., Univ. of Ark., '37—Brooklyn, N. Y.
Erganian, Jana Arax, A.B., Washington Univ., '37—Webster Groves, Mo.
Filides, Charles Edward—Olivey, Ill.
Garreton, Kirk Durand, A.B., Univ. of Calif., '37—Oakland, Calif.
Glasier, Joseph Louis, A.B., Washington Univ., '37—St. Louis, Mo.
Goldberg, Joseph Louis, A.B., Univ. of Pa., '37—Chester, Pa.
Golub, Samuel Walter—St. Louis, Mo.
Graybill, John Gilbert, A.B., Westminster Coll., '37—Webster Groves, Mo.
Harrison, Robert Bullen, B.S., Utah State Agri. Coll., '37—Logan, Utah
Henderson, Donald Abish, B.A., Univ. of Okla., '36—New York, N. Y.
Hones, Ralph Franklin, A.B., Univ. of Wyo., '37; A.M., Univ. of Wyo., '32—
Laramie, Wyo.
Hubbard, William Eugene, A.B., Univ. of Ill., '37—Mt. Vernon, Ill.
Judy, Joseph David—Pensacola, Mo.
Kahn, Leon, B.S., Coll. of the City of N. Y., '36; M.S., Univ. of Mich., '37—
Brooklyn, N. Y.
Kinder, James Absalom, Jr., A.B., Washington Univ., '37—Cape Girardeau, Mo.
Koerner, Kenneth Albert, A.B., Washington Univ., '35—St. Louis, Mo.
La Force, Richard Francis, A.B., Univ. of Mo., '37—Carthage, Mo.
Lee, John Portmes, A.B., Hanover Coll., '37—Rochester, N. Y.
Lettman, Gordon Sparks, A.B., Washington Univ., '37—St. Louis, Mo.
Mark, Philip Frederick, A.B., Univ. of Ark., '37—Eureka Springs, Ark.
Martin, Samuel Preston—East Prairie, Mo.
McCann, Harold Edward—East St. Louis, Ill.
McElroy, Donald McGregor, B.S., Univ. of Wash., '37—Tacoma, Wash.
McGinnis, William Fitch—Carbondale, III.
Mepham, Charles Walter, A.B., Univ. of Calif., '37—Yreka, Calif.
Mills, Warren Benjamin—Webster Groves, Mo.
Moreland, Joseph Ivan—East St. Louis, Ill.
Mueller, Vernetta Austin—Wichita, Kans.
Nunn, Chester McLeod, A.B., Washington Univ., '34; M.S., Washington Univ.,
'36—Clarksville, Mo.
Osmont, Thomas Lewis, A.B., Washington Univ., '37—Harrisburg, Ill.
Preson, William Bowker, B.S., Utah State Agri. Coll., '36—Logan, Utah
Price, William Phillip—Little River, Kans.
Ransom, Charles Herman, A.B., Univ. of Calif., '35—Modesto, Calif.
Reed, Darwin Cramer, A.B., Municipal Univ. of Wichita, '37—Wichita, Kans.
Rosen, Al, A.B., Univ. of Southern Calif., '36—Hollywood, Calif.
Ross, Silas Earl, Jr., B.S.; Univ. of Nev., '37—Reno, Nev.
Sanderson, Barbara Ina, A.B., Okla. Coll. for Women, '37—Burbank, Okla.
Schechter, Samuel Ely—St. Louis, Mo.
Schneider, Eldene Lewis—Dodge City, Kans.
Schwarz, Henry—St. Louis, Mo.
Shier, Julius Milton, A.B., Washington Univ., '37—Passaic, N. J.
Singleton, Virginia, B.S., Western Ky. State Teachers Coll., '37—Bowling Green, Ky.
Smith, Garland Frederick, A.B., Westminster Coll., '37—St. Louis, Mo.
Stewart, Robert Wendell, B.S., Drury Coll., '37—Springfield, Mo.
Sutherland, Earl Wibul, Jr.—Burlingame, Kans.
Tompkins, Anne—Burdette, Ark.
Vogels, Cleo Leo, A.B., Univ. of S. Dak., '37—Lowry, S. Dak.
Whitson, Betty, A.B., Univ. of Oreg., '36—Boise, Idaho.
Williams, Charles Sampson—Malden, Mo.
Womble, James George, A.B., Washington Univ., '37—Muskogee, Okla.
Yanow, Mitchell—Madison, Ill.
Yarbrough, Charles Lee—Cairo, Ill.
Total, 82.

SPECIAL STUDENT IN DISSECTION

SUMMARY OF STUDENTS IN THE SCHOOL OF MEDICINE (1937-38)
Graduate Students.............................................. 61
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George William Lamke, Editor

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