



**THE UNIVERSITY OF
TEXAS**
PUBLICATION

THE
SOUTHWESTERN
MEDICAL SCHOOL
OF THE UNIVERSITY OF TEXAS

Dallas, Texas

PART XIV OF THE CATALOGUE

1953-1954

CATALOGUE

The following bulletins comprise the Catalogue of the University:

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- PART II *College of Pharmacy*
- PART III *College of Business Administration*
- PART IV *College of Engineering*
- PART V *General Information, Main University*
- PART VI *College of Arts and Sciences*
- PART VII *Graduate School*
- PART VIII *School of Law*
- PART IX *Medical Branch**
- PART X *College of Fine Arts*
- PART XI *Institute of Latin American Studies*
- PART XII *Dental Branch†*
- PART XIII *College of Education*
- PART XIV *The Southwestern Medical School‡*
- PART XV *School of Architecture*

* Part IX, catalogue of the Medical Branch, is distributed by the office of the Dean of the Medical Branch, Galveston.

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DEGREES

In the bulletin of each college or school information will be found concerning all degrees offered in that college or school.

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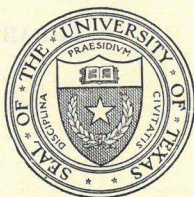
THE
SOUTHWESTERN
MEDICAL SCHOOL
OF THE UNIVERSITY OF TEXAS

PART XIV OF THE CATALOGUE

1951-1952 and 1952-1953

With Announcements for

1953-1954



PUBLISHED BY
THE UNIVERSITY OF TEXAS : AUSTIN
JUNE 1, 1953

The benefits of education and of useful knowledge, generally diffused through a community, are essential to the preservation of a free government.

SAM HOUSTON

Cultivated mind is the guardian genius of Democracy, and while guided and controlled by virtue, the noblest attribute of man. It is the only dictator that freemen acknowledge, and the only security which freemen desire.

MIRABEAU B. LAMAR

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BOARD OF REGENTS

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DAVID M. WARREN, *Vice-Chairman*

MRS. MARYVENICE E. STEWART, *Secretary*

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Terms Expire January, 1955

MRS. MARGARET BATTS TOBIN San Antonio
DAVID M. WARREN Panhandle
DUDLEY K. WOODWARD, JR. Dallas

Terms Expire January, 1957

L. S. OATES Center
TOM SEALY Midland
CLAUDE W. VOYLES Austin

Terms Expire January, 1959

LEROY JEFFERS Houston
LEE LOCKWOOD Waco
J. R. SORRELL Corpus Christi

STANDING COMMITTEES*

EXECUTIVE: Voyles, Jeffers, Woodward.

ATHLETICS: Lockwood, Sorrell, Voyles.

AUDITING AND BUDGET: Sorrell, Warren, Oates.

BUILDINGS AND GROUNDS: Mrs. Tobin, Lockwood, Woodward.

LAND AND FINANCE: Jeffers, Warren, Sorrell.

LIBRARY AND MUSEUM: Warren, Mrs. Tobin, Oates.

MEDICAL AND DENTAL BRANCHES: Oates, Jeffers, Woodward.

PUBLIC AND STUDENT RELATIONS: Sorrell, Mrs. Tobin, Voyles.

BOARD FOR LEASE OF UNIVERSITY LANDS: Bascom Giles, Commissioner of the
General Land Office (*ex officio*), Chairman; Lockwood, Warren.

* The Chairman of the Board is an *ex officio* member of each committee.

CALENDAR

Academic Year, 1953-1954

1953

- SEPTEMBER 9-12. Registration.
SEPTEMBER 14. Classes begin.
NOVEMBER 26. Thanksgiving Day holiday.
DECEMBER 6. First term ends.
DECEMBER 7. Second term begins.
DECEMBER 20. Christmas holidays begin.

1954

- JANUARY 4. Holidays end, classes resume, 8 A.M.
MARCH 14. Second term ends.
MARCH 15. Third term begins.
APRIL 16-18. Easter holidays (inclusive).
MAY 10-12. Final examinations for fourth year.
JUNE 5. Classes end.
JUNE 7. Graduation exercises.
JUNE 7-9. Final examinations for first, second, and third years.
JUNE 9. School year ends.

THE SOUTHWESTERN MEDICAL SCHOOL OF THE UNIVERSITY OF TEXAS

OFFICERS OF ADMINISTRATION

James Pinckney Hart, B.A., L.L.B., LL.D., *Chancellor of the University*, Austin.
George Nelson Aagaard, B.S., B.M., M.D., *Dean*.
Albert Perley Brogan, Ph.D., *Dean of the Graduate School*.
John Stewart Chapman, B.A., B.S., M.A., M.D., *Assistant Dean for Graduate and Postgraduate Education*.
Atticus James Gill, M.D., *Assistant Dean for Building and Development*.
Robert Woodfin Lackey, B.A., B.S., Ph.D., *Assistant Dean for Student and Curricular Affairs*.
William Lee Hart, M.D., LL.D., L.H.D., *Dean Emeritus*.
Anne Rucker, B.A., *Registrar*.
Violet Baird, B.A., M.A., B.S. in L.S., *Librarian*.
Elinor Calmbach Reinmiller, B.A., B.S. in L.S., *Assistant Librarian*.
Albert H. Scheidt, B.S., *Administrator of Parkland Hospital*.
Faye Pannell, R.N., B.S., M.A., *Director of Nursing at Parkland Hospital*.

BUSINESS OFFICERS

Edwin Alan Gell, B.A., C.P.A., *Business Manager*.
Charles A. Bayless, *Bookkeeper*.
Burt Alton Durham, B.B.A., *Purchasing Agent*.
Harry B. Sheaner, *Superintendent of Physical Plant Operation and Maintenance*.

THE FACULTY

Emeritus Professors

Joseph Wilbur Bourland, Sr., *Emeritus Professor of Obstetrics and Gynecology*.
B.A., Baylor, 1892; M.D., Columbia, 1895.
Edward Henry Cary, *Emeritus Professor of Ophthalmology*.
M.D., Bellevue, 1898; LL.D., Baylor, 1916.
Eliot Dunlap, *Emeritus Professor of Obstetrics and Gynecology*.
Ph.G., St. Louis College of Pharmacy, 1892; M.D., Beaumont Hospital Medical College (St. Louis), 1896.
Oscar Milton Marchman, Sr., *Emeritus Professor of Otolaryngology*.
M.D., Washington, 1899.
Henry Morgan Winans, *Emeritus Professor of Internal Medicine*.
B.A., Stanford, 1916; M.D., Johns Hopkins, 1919; LL.D., Baylor, 1945.
Guy Ferguson Witt, *Emeritus Professor of Neuropsychiatry*.
B.S., Texas, 1904; M.D., 1911.

Consultants

Robert Mitchell Barton, *Consultant in Medicine*.
B.A., Southwestern, 1914; M.D., Texas, 1920.
James Harvey Black, *Consultant in Medicine*.
M.D., Southern Methodist, 1907.
George Lawson Carlisle, *Consultant in Medicine*.
M.D., Southern Methodist, 1914.
David Wendell Carter, Jr., *Consultant in Medicine*.
B.A., Southwestern, 1909; M.A., 1910; M.D., Johns Hopkins, 1914.

Homer Donald, *Consultant in Medicine.*

B.S., Westminster, 1908; M.D., Texas, 1912.

Taylor Clyde Gilbert, *Consultant in Obstetrics and Gynecology.*

M.D., Texas, 1910.

William Delaney Jones, *Consultant in Otolaryngology.*

M.D., Texas, 1901.

Minnie Lee Maffett, *Consultant in Obstetrics and Gynecology.*

M.D., Texas, 1914.

Tate Miller, *Consultant in Medicine.*

B.L., David Lipscomb, 1911; M.D., Vanderbilt, 1915.

Wayne T. Robinson, *Consultant in Obstetrics and Gynecology.*

M.D., Vanderbilt, 1908.

Professors

George Nelson Aagaard, *Dean and Professor of Medicine.*

B.S., Minnesota, 1934; B.M., 1936; M.D., 1937.

Frederick Archibald Duncan Alexander, *Clinical Professor of Anesthesiology.*

B.A., Queens, 1929; M.D., 1933.

Jo C. Alexander, *Clinical Professor of Urology.*

M.D., Tennessee, 1915.

Gilbert E. Brereton, *Clinical Professor of Medicine.*

B.S., Wisconsin, 1911; M.S., 1913; M.D., Rush, 1914.

Christopher Bennett Carter, *Clinical Professor of Surgery assigned to Anatomy.*

M.D., Texas, 1919.

John Stewart Chapman, *Assistant Dean for Graduate and Postgraduate Education and Professor of Medicine.*

B.A., B.S., Southern Methodist, 1927; M.A., 1928; M.D., Texas, 1932.

Harry Walton Cochran, *Clinical Professor of Surgery.*

B.A., Texas, 1924; M.D., Johns Hopkins, 1928.

Kelly Cox, *Clinical Professor of Ophthalmology.*

B.A., Hardin-Simmons, 1916; M.D., Baylor, 1920.

Albert Pasquale D'Errico, *Clinical Professor of Surgery assigned to Anatomy.*

B.A., Western Reserve, 1925; M.D., 1928.

Charles Gilderoy Duncan, *Professor and Chairman of the Department of Anatomy.*

B.A., Southern Methodist, 1910; M.D., Vanderbilt, 1921.

Gladys Jeannette Fashena, *Professor of Pediatrics.*

B.A., Hunter, 1929; M.A., Columbia, 1930; M.D., Cornell, 1934.

Gilbert Burnett Forbes, *Professor of Pediatrics and Chairman of the Department.*

B.A., Rochester, 1936; M.D., 1940.

Everett Clarence Fox, *Clinical Professor of Dermatology and Syphilology.*

Ph.G., Baylor, 1923; M.D., 1928.

Atticus James Gill, *Professor of Pathology and Assistant Dean for Building Plans and Development.*

M.D., Duke, 1938.

Percy Merritt Girard, *Clinical Professor of Orthopedic Surgery and Chairman of the Division.*

M.D., Tulane, 1923.

John Vivian Goode, *Clinical Professor of Surgery.*

B.A., Texas, 1920; M.D., Johns Hopkins, 1925.

Andres Goth, *Professor of Pharmacology and Chairman of the Department.*

M.D., Chile, 1939.

Arthur Grollman, *Professor of Experimental Medicine and Chairman of the Department.*

B.A., Johns Hopkins, 1920; Ph.D., 1923; M.D., 1930.

Frank Harrison, *Professor of Anatomy (Neuroanatomy) assigned to Pathology.*

B.S., Southern Methodist, 1935; M.S., Northwestern University, 1936; Ph.D., 1938.

- Howard E. Heyer, *Clinical Professor of Medicine*.
B.S., Illinois, 1935; M.D., 1938; M.S., 1941.
- William Lee Hudson, *Clinical Professor of Surgery*
M.D., Texas, 1916.
- Marion Thomas Jenkins, *Professor of Anesthesiology and Chairman of the Division*.
B.A., Texas, 1937; M.D., 1940.
- Robert Woodfin Lackey, *Professor of Physiology and Chairman of the Department and Assistant Dean for Student and Curricular Affairs*.
B.A., Southern Methodist, 1922; M.S., Chicago, 1927; Ph.D., Texas, 1934.
- Charles Louis Martin, *Clinical Professor of Radiology and Chairman of the Division*.
E.E., Texas, 1914; M.D., Harvard, 1919.
- Morton Freeman Mason, *Professor of Clinical Chemistry in the Department of Internal Medicine*.
B.S., Oregon State Agricultural College, 1925; Ph.D., Duke, 1934.
- Warren Eugene Massey, *Clinical Professor of Obstetrics and Gynecology*.
B.S., Southern Methodist, 1926; M.D., Baylor, 1930.
- William Felix Mengert, *Professor and Chairman of the Department of Obstetrics and Gynecology*.
B.S., Haverford, 1921; M.D., Johns Hopkins, 1927.
- James Theodore Mills, *Clinical Professor of Surgery*.
B.S., M.D., Minnesota, 1925.
- Robert Leslie Moore, *Clinical Professor of Pediatrics*.
B.A., Yale, 1927; M.D., Johns Hopkins, 1931.
- Don P. Morris, *Professor of Neuropsychiatry and Acting Chairman of the Department*.
B.A., Illinois, 1931; M.D., Yale, 1935.
- Ernest Eric Muirhead, *Professor of Pathology and Chairman of the Department*.
B.A., M.D., Baylor, 1939.
- Asa Armstrong Newsom, *Clinical Professor of Obstetrics and Gynecology*.
M.D., Baylor, 1923.
- John Paul North, *Clinical Professor of Surgery*.
B.A., Princeton, 1922; M.D., Pennsylvania, 1926.
- Robert Merritt Pike, *Professor of Bacteriology*.
B.A., Brown, 1928; M.A., 1930; Ph.D., 1932.
- Lester Hale Quinn, *Clinical Professor of Ophthalmology*.
B.A., Indiana, 1921; M.D., 1927.
- Walter Grady Reddick, *Clinical Professor of Medicine*.
B.S., Southern Methodist, 1919; M.D., Northwestern, 1924.
- Allen Francis Reid, *Professor of Biophysics and Chairman of the Department*.
B.S., Minnesota, 1940; M.A., Columbia, 1942; Ph.D., 1943.
- Curtice Rosser, *Clinical Professor of Proctology and Chairman of the Division*.
B.A., Texas, 1911; M.D., Northwestern, 1917.
- Milford Owen Rouse, *Clinical Professor of Medicine*.
B.A., Baylor, 1922; M.A., 1923; M.D., 1927.
- Albert H. Scheidt, *Clinical Professor of Preventive Medicine and Public Health*.
B.S., Indiana, 1931.
- Arthur Gerhard Schoch, *Clinical Professor of Dermatology and Syphilology*.
B.A., Texas, 1923; M.D., 1927; M.S., Pennsylvania, 1931.
- Donald Wayne Seldin, *Professor of Medicine and Acting Chairman of the Department*.
B.A., New York, 1940; M.D., Yale, 1943.
- Frank Asbury Selecman, *Clinical Professor of Surgery*.
B.A., Southern California, 1922; B.S., Southern Methodist, 1923; M.D., Baylor, 1927.
- Lyle Michael Sellers, *Clinical Professor of Otolaryngology*.
M.D., Kansas, 1919.

- Charles Willis Sensenbach, *Clinical Professor of Medicine*.
B.A., North Carolina, 1935; M.D., Harvard, 1939.
- Robert Roeder Shaw, *Clinical Professor of Surgery*.
B.A., Michigan, 1927; M.D., 1933.
- Jesse Bedford Shelmire, *Professor of Dermatology and Syphilology and Chairman of the Division*.
B.S., Texas, 1918; M.D., Columbia, 1920.
- John Dudley Singleton, *Clinical Professor of Otolaryngology and Chairman of the Division*.
B.S., East Texas State College, 1933; M.D., Baylor, 1926; M.S., Pennsylvania, 1932.
- Harry Metcalf Spence, *Clinical Professor of Urology and Chairman of the Division*.
M.D., Harvard, 1930.
- Elias Strauss, *Clinical Professor and Chairman of the Division of Preventive Medicine and Public Health*.
B.S., New York, 1933; M.D., Columbia, 1937.
- William Kemp Strother, *Clinical Professor of Obstetrics and Gynecology*.
B.A., Texas, 1920; M.D., 1924.
- S. Edward Sulkin, *Professor and Chairman of the Department of Bacteriology*.
B.S., Rhode Island, 1930; Ph.D., Washington, 1939.
- Herbert Collier Tidwell, *Professor and Chairman of the Department of Biochemistry*.
B.A., M.A., Baylor, 1919; Ph.D., Johns Hopkins, 1930.
- Lewis B. Waters, *Professor of Medical Art*.
Ph.G., Southern College of Pharmacy, 1916; P.D., Atlanta College of Physicians, 1917.
- Earl Foster Weir, *Clinical Professor of Anesthesiology*.
B.A., Wisconsin, 1929; M.A., 1931; M.D., 1933.

Associate Professors

- Charles Temple Ashworth, *Clinical Associate Professor of Pathology*.
M.D., Baylor, 1938.
- Alvin Baldwin, Jr., *Clinical Associate Professor of Proctology*.
B.A., M.D., Baylor, 1931.
- John Gilmore Brau, *Clinical Associate Professor of Dermatology and Syphilology*.
M.D., Baylor, 1930.
- C. Frank Brown, *Clinical Associate Professor of Medicine*.
M.D., Texas, 1920.
- Carroll Welles Browning, *Clinical Associate Professor of Ophthalmology and Chairman of the Division*.
B.S., Chicago, 1940; M.D., Illinois, 1943.
- Henry Franklin Carman, *Clinical Associate Professor of Medicine*.
B.A., Baylor, 1920; M.D., 1922.
- Ralph Stuart Clayton, *Clinical Associate Professor of Radiology*.
M.D., Tennessee, 1942.
- Howard C. Coggeshall, *Clinical Associate Professor of Medicine*.
A.B., Indiana, 1929; M.D., 1932.
- William Perkins Devereux, *Clinical Associate Professor of Obstetrics and Gynecology*.
B.A., Texas, 1928; M.D., 1932.
- Robert B. Dodd, *Clinical Associate Professor of Anesthesiology*.
M.D., Nebraska, 1945.
- John Warner Duckett, *Clinical Associate Professor of Surgery*.
B.A., Texas, 1922; M.D., Johns Hopkins, 1926.
- Ben S. Friedman, *Clinical Professor of Medicine*.
B.S., New York, 1927; M.D., Washington, 1931.
- Gomer Flow Goff, *Clinical Associate Professor of Obstetrics and Gynecology*.
B.A., Texas, 1917; M.D., Johns Hopkins, 1921.

- John Lawrence Goforth, *Clinical Associate Professor of Pathology.*
B.A., Texas, 1918; M.D., Johns Hopkins, 1923.
- William Frederick Guerriero, *Clinical Associate Professor of Obstetrics and Gynecology.*
M.D., Tulane, 1934.
- Donald Grant Harrel, *Clinical Associate Professor of Obstetrics and Gynecology.*
B.S., Oklahoma, 1934; M.D., 1936; M.S., Wayne, 1941.
- Alfred William Harris, *Clinical Associate Professor of Medicine.*
M.D., Washington, 1935.
- Hubert F. Hawkins, *Clinical Associate Professor of Medicine.*
B.A., Texas Christian, 1921; M.D., Baylor, 1925.
- Elmer Russell Hayes, *Clinical Associate Professor of Medicine.*
B.S., Purdue, 1931; M.D., Baylor, 1938.
- William Bernard Hesselbrock, *Clinical Associate Professor of Pathology assigned to Bacteriology.*
B.A., Cincinnati, 1936; M.S., 1939; Ph.D., 1943.
- May Agnes Hopkins, *Clinical Associate Professor of Pediatrics.*
B.S., Texas, 1906; M.D., 1911.
- Speight Jenkins, *Clinical Associate Professor of Ophthalmology.*
B.A., Baylor, 1917; M.D., 1921.
- Jack Graves Kerr, *Clinical Associate Professor of Proctology.*
Ph.G., Baylor, 1923; M.D., 1931; M.S., Minnesota, 1939.
- Karl B. King, *Clinical Associate Professor of Urology.*
B.A., Hardin-Simmons, 1921; M.D., Baylor, 1925.
- LeRoy J. Kleinsasser, *Clinical Associate Professor of Surgery.*
B.S., North Dakota, 1934; M.D., Nebraska, 1936.
- Henry Charles Lanz, *Clinical Associate Professor of Biophysics.*
B.A., Stanford, 1936; Ph.D., California, 1948.
- Earl L. Loftis, *Clinical Associate Professor of Dermatology and Syphilology.*
M.D., Baylor, 1925.
- Percy Edgar Luecke, *Clinical Associate Professor of Pediatrics.*
M.D., Texas, 1917.
- Gordon Burnett McFarland, *Clinical Associate Professor of Pediatrics.*
B.A., Texas Christian, 1913; M.D., Columbia, 1917.
- Joseph Hoshal McGuire, *Clinical Associate Professor of Orthopedic Surgery.*
B.A., Eureka College, 1911; M.D., Harvard, 1917.
- Julius McIver, *Clinical Associate Professor of Obstetrics and Gynecology.*
M.D., Texas, 1912.
- Elliott M. Mendenhall, *Clinical Associate Professor of Medicine.*
B.A., Baylor, 1919; M.D., Jefferson, 1923.
- J. E. Miller, *Clinical Associate Professor of Radiology.*
B.A., St. Mary's, 1934; M.D., Baylor, 1938.
- Harold Thompson Nesbit, *Clinical Associate Professor of Pediatrics.*
B.S., Iowa State, 1920; M.B., M.D., Minnesota, 1921.
- Frank Hawley Newton, *Clinical Associate Professor of Ophthalmology.*
B.A., Texas, 1907; M.D., 1914.
- Harold Aloysius O'Brien, *Clinical Associate Professor of Urology.*
B.A., M.D., Wisconsin, 1928.
- John McIver Pace, *Clinical Associate Professor of Urology.*
M.D., Baylor, 1931; M.S., Minnesota, 1935.
- Cecil Overton Patterson, *Clinical Associate Professor of Medicine.*
B.S., Southern Methodist, 1929; M.D., Baylor, 1931.
- William Hiram Pickett, *Clinical Associate Professor of Surgery.*
B.S., Virginia Military Institute, 1937; M.D., Texas, 1941.
- Oran Vincent Prejean, *Clinical Associate Professor of Obstetrics and Gynecology.*
B.S., Southwestern Louisiana, 1935; M.D., Tulane, 1937.
- James Joseph Quilligan, *Associate Professor of Pediatrics.*
B.A., Ohio, 1936; M.D., Cincinnati, 1940.

- Edwin Luther Rippy, *Clinical Associate Professor of Medicine*.
B.S., Southern Methodist, 1929; M.D., Baylor, 1931.
- Ruth Maxwell Sanders, *Associate Professor of Medical Art*.
B.A., Southern Methodist, 1927; M.M.A., Southwestern Medical School, 1950.
- Richard Sands, *Clinical Associate Professor of Obstetrics and Gynecology*.
B.S., New York, 1929; M.B., C.H.B., St. Andrew's, 1934.
- Maurice McLauren Scurry, *Clinical Associate Professor of Medicine*.
B.A., Texas, 1933; M.D., 1938.
- Samuel Ainslie Shelburne, *Clinical Associate Professor of Medicine*.
B.A., Rice Institute, 1922; M.D., Pennsylvania, 1927.
- Delmer Oran Shields, *Clinical Associate Professor of Medicine*.
B.A., Missouri, 1929; M.D., Harvard, 1939.
- Andrew Buchanan Small, *Clinical Associate Professor of Surgery and Director of the Cancer Program*.
B.S., University of the South, 1927; M.D., Baylor, 1932.
- Tom E. Smith, *Clinical Associate Professor of Proctology*.
B.S., Southern Methodist, 1931; M.D., Baylor, 1933.
- Perry Clement Talkington, *Clinical Associate Professor of Neuropsychiatry*.
M.D., Baylor, 1934.
- Paul Jasper Thomas, *Clinical Associate Professor of Medicine*.
B.S., Southern Methodist, 1932; M.D., Baylor, 1936.
- W. Maxwell Thomas, *Clinical Associate Professor of Ophthalmology*.
M.D., Texas, 1927.
- Vincent Vermooten, *Clinical Associate Professor of Urology*.
B.A., Capetown, South Africa, 1918; M.A., 1919; M.D., Johns Hopkins, 1923.
- Julius Walker Vieaux, *Clinical Associate Professor of Obstetrics and Gynecology*.
B.S., Northwestern, 1931; M.D., Washington, 1935.
- Stephen Weisz, *Clinical Associate Professor of Neuropsychiatry*.
M.D., Berlin, 1925.
- Edward White, *Clinical Associate Professor of Urology*.
M.D., Texas Christian, 1917.
- George Raworth Williams, *Clinical Associate Professor of Urology*.
M.D., Columbia, 1920.
- Paul C. Williams, *Clinical Associate Professor of Orthopedic Surgery*.
B.A., Western Reserve, 1924; M.D., Michigan, 1928.
- Ben J. Wilson, *Associate Professor of Surgery and Acting Chairman of the Department*.
B.A., Indiana, 1942; M.D., 1944.
- Claude D. Winborn, *Clinical Associate Professor of Otolaryngology*.
M.D., Baylor, 1931.
- Oscar John Wollenman, *Clinical Associate Professor of Pathology*.
B.S., Central College, 1934; M.D., Vanderbilt, 1938.
- Ozro Theo Woods, *Clinical Associate Professor of Surgery assigned to Pathology*.
B.A., Nebraska, 1921; M.D., 1924.
- John Garnett Young, *Clinical Professor of Pediatrics*.
B.S., Bowdoin College, 1921; M.D., Harvard, 1924.

Assistant Professors

- Louie Edgar Allday, *Clinical Assistant Professor of Medicine*.
M.D., Baylor, 1929.
- Thomas McDowell Anderson, *Clinical Assistant Professor of Orthopedic Surgery*.
B.A., Princeton, 1927; M.D., Harvard, 1931.
- Billie Louis Aronoff, *Clinical Assistant Professor of Surgery*.
M.D., Baylor, 1938.
- John Edmund Ashby, *Clinical Assistant Professor of Pediatrics*.
B.A., Baylor, 1927; M.D., 1931.
- Eugene Lester Aten, *Clinical Assistant Professor of Neuropsychiatry*.
B.S., Nebraska, 1927; M.D., 1929.

- Dale James Austin, *Clinical Assistant Professor of Surgery*.
B.S., Southern Methodist, 1933; M.D., Baylor, 1938.
- John Spurgeon Bagwell, *Clinical Assistant Professor of Medicine*.
B.A., Baylor, 1932; M.D., 1936; M.S., Minnesota, 1940.
- Sydney Surratt Baird, *Clinical Assistant Professor of Urology*.
B.A., Southern Methodist, 1922; M.D., Baylor, 1926.
- Dorsey King Barnes, *Clinical Assistant Professor of Orthopedic Surgery*.
M.D., Baylor, 1937.
- William Thomas Barr, *Clinical Assistant Professor of Otolaryngology*.
B.A., Rice Institute, 1924; M.D., Texas, 1933.
- James William Bass, *Clinical Assistant Professor of Preventive Medicine and Public Health*.
M.D., Baylor, 1925.
- Henry Hilliard Beckering, *Clinical Assistant Professor of Orthopedic Surgery*.
B.A., Central College, 1929; M.D., Iowa, 1936.
- John Lawrence Bradfield, *Clinical Assistant Professor of Surgery*.
B.A., Southern Methodist, 1923; M.S., 1926; M.D., Baylor, 1928.
- William Hartsel Bradford, *Clinical Assistant Professor of Pediatrics*.
M.D., Baylor, 1927.
- Dan Brannin, *Clinical Assistant Professor of Ophthalmology*.
M.D., Tulane, 1923.
- Fred S. Brooksaler, *Clinical Assistant Professor of Pediatrics*.
M.D., Heidelberg, 1924.
- Martin Stowell Buehler, *Clinical Assistant Professor of Medicine*.
B.S., Minnesota, 1934; B.M., 1938; M.D., 1939; M.S., 1942.
- Ben R. Buford, *Clinical Assistant Professor of Medicine*.
M.D., Baylor, 1921.
- Raymond Wallace Burford, *Clinical Assistant Professor of Radiology*.
M.D., Baylor, 1939.
- Howard M. Burkett, *Clinical Assistant Professor of Neuropsychiatry*.
M.D., Tennessee, 1938; M.S., Michigan, 1940.
- Sam R. Burnett, *Clinical Assistant Professor of Anatomy assigned to Surgery*.
M.D., Baylor, 1940.
- Maudie Marie Burns, *Clinical Assistant Professor of Neuropsychiatry*.
B.A., Texas, 1923; M.D., 1927.
- William Wesley Burr, *Assistant Professor of Biochemistry*.
B.A., Nebraska, 1947; M.S., Illinois, 1948; Ph.D., 1951.
- Charles Dan Bussey, *Clinical Assistant Professor of Surgery*.
B.A., Baylor, 1930; M.D., Rush Medical College, 1934; M.A., Minnesota, 1938.
- Felix Lattimore Butte, *Clinical Assistant Professor of Orthopedic Surgery*.
B.A., Texas, 1921; M.D., 1926.
- Theodore Waggoner Bywaters, *Clinical Assistant Professor of Orthopedic Surgery*.
M.D., Michigan, 1933.
- Brandon Carrell, *Clinical Assistant Professor of Orthopedic Surgery*.
B.A., Washington and Lee, 1931; B.M., M.D., Northwestern, 1935.
- James Carswell, *Clinical Assistant Professor of Surgery*.
M.D., Illinois, 1927.
- John Harrison Copenhaver, Jr., *Assistant Professor of Pharmacology*.
B.A., Dartmouth, 1946; M.S., Wisconsin, 1949; Ph.D., 1950.
- Ruby Kathryn Daniel, *Clinical Assistant Professor of Ophthalmology*.
M.D., Baylor, 1928; M.S., Minnesota, 1938.
- Richard A. Dathe, *Clinical Assistant Professor of Internal Medicine*.
B.S., Southern Methodist, 1931; M.D., Baylor, 1933.
- Virginia Clair Doggett, *Assistant Professor of Physiology*.
B.S., North Texas State College, 1946; M.S., 1949; Ph.D., Illinois, 1952.
- Paul Donaldson, *Assistant Professor of Bacteriology*.
B.S., M.S., Washington, 1945; Ph.D., Wisconsin, 1947.

- Percival Alexander Duff, *Clinical Assistant Professor of Urology.*
M.D., Rochester, 1934; Sc.D., Columbia, 1940.
- James Hudson Dunlap, *Clinical Assistant Professor of Surgery.*
B.A., Wisconsin, 1926; M.D., Baylor, 1929.
- John Elbert Dunlap, *Clinical Assistant Professor of Pediatrics.*
B.A., Wisconsin, 1926; M.D., Baylor, 1929.
- Seymour Eisenberg, *Clinical Assistant Professor of Medicine.*
B.A., North Carolina, 1940; M.D., Bowman Gray Medical College, 1944.
- Morris James Fogelman, *Assistant Professor of Surgery.*
B.A., Illinois, 1942; M.D., 1944; M.S., 1948.
- Walter Luckie Ford, *Clinical Assistant Professor of Neuropsychiatry.*
M.D., Texas, 1938.
- Floyd S. Franklin, *Clinical Assistant Professor of Orthopedic Surgery.*
B.S., Texas Christian, 1927; M.D., Baylor, 1931.
- Harold Freed, *Clinical Assistant Professor of Medicine.*
M.D., Texas, 1920.
- Sidney Galt, *Clinical Assistant Professor of Surgery.*
B.S., Agricultural and Mechanical College of Texas, 1930; M.D., Baylor, 1934.
- Dan Cummins Gill, *Clinical Assistant Professor of Surgery assigned to Anatomy.*
M.D., Duke, 1938.
- Edwin Culledge Grafton, Jr., *Clinical Assistant Professor of Ophthalmology.*
B.A., Texas, 1936; M.D., Harvard, 1940.
- Francis T. Harrington, *Clinical Assistant Professor of Neuropsychiatry.*
B.S., California, 1929; M.A., Southern California, 1930; M.D., St. Louis, 1935.
- Ben Franklin Harrison, *Clinical Assistant Professor of Surgery.*
M.D., Baylor, 1936.
- Thomas Haynes Harvill, *Clinical Assistant Professor of Medicine.*
M.D., Texas, 1936.
- Douglas Martin Haynes, *Assistant Professor of Obstetrics and Gynecology.*
B.A., B.S., Southern Methodist, 1940; M.D., Southwestern, 1946.
- Robert Paul Hays, *Clinical Assistant Professor of Surgery.*
B.A., Illinois, 1932; M.D., Louisiana State, 1936.
- James Henry Herndon, *Clinical Assistant Professor of Medicine.*
M.D., Baylor, 1934.
- T. Wiley Hodges, *Clinical Assistant Professor of Orthopedic Surgery.*
M.D., Baylor, 1937.
- Carl Archibald Hoefel, *Clinical Assistant Professor of Ophthalmology.*
B.A., Nebraska, 1921; B.S., 1924; M.D., 1924.
- Clarence Scheie Hoekstra, *Clinical Assistant Professor of Neuropsychiatry.*
B.S., Nebraska, 1938; M.D., 1939.
- James Holman, *Clinical Assistant Professor of Pharmacology.*
B.S., Baylor, 1943; M.D., Southwestern, 1945.
- John L. Jenkins, *Clinical Assistant Professor of Otolaryngology.*
B.S., Omaha, 1918; M.D., Nebraska, 1922.
- Mary A. Jennings, *Clinical Assistant Professor of Obstetrics and Gynecology.*
B.A., Barnard College, 1921; M.D., Columbia, 1925.
- George Miller Jones, *Clinical Assistant Professor of Medicine.*
B.A., B.S., Southern Methodist, 1933; M.A., 1935; M.D., Baylor, 1938.
- John Russell Jordan, *Clinical Assistant Professor of Obstetrics and Gynecology.*
B.A., Michigan, 1938; M.D., Rochester, 1943.
- Herman I. Kantor, *Clinical Assistant Professor of Obstetrics and Gynecology.*
B.A., Alabama, 1934; M.D. Bellevue, 1934.
- Frank Hereford Kidd, Jr., *Clinical Assistant Professor of Surgery assigned to Anatomy.*
B.S., Southern Methodist, 1931; M.D., Baylor, 1937.
- Joseph Lewis Knapp, *Clinical Assistant Professor of Neuropsychiatry.*
B.S., M.D., Illinois, 1933.

- Bruce A. Knickerbocker, *Clinical Assistant Professor of Pediatrics*.
B.A., Southern Methodist, 1924; M.D., Vanderbilt, 1930; M.A., Cincinnati, 1933.
- Marvin Pierce Knight, *Clinical Assistant Professor of Orthopedic Surgery*.
B.A., Howard Payne, 1931; M.D., Baylor, 1935.
- Edward M. Krusen, Jr., *Clinical Assistant Professor of Physical Medicine and Chairman of the Department*.
B.A., Pennsylvania, 1941; M.D., 1944; M.S., Minnesota, 1950.
- Ivey Earl Lambreth, *Clinical Assistant Professor of Anesthesiology*.
B.A., Baylor, 1938; M.D., 1942.
- Mary Agnes Lancaster, *Clinical Assistant Professor of Ophthalmology*.
B.S., Texas, 1932; M.D., 1934.
- William Greene Langston, *Clinical Assistant Professor of Obstetrics and Gynecology*.
M.D., Baylor, 1938.
- Paul Michael Levin, *Clinical Assistant Professor of Neuropsychiatry*.
B.A., Johns Hopkins, 1926; M.D., Rochester, 1930.
- Barney Kenneth Lovell, *Clinical Assistant Professor of Radiology*.
B.S., Wisconsin, 1934; M.D., 1936.
- Erasmus James McCranie, *Assistant Professor of Neuropsychiatry*.
B.A., Emory, 1937; M.S., 1938; Ph.D., Michigan, 1942; M.D., Georgia, 1945.
- Leonard Lincoln Madison, *Assistant Professor of Medicine*.
B.A., Ohio, 1941; M.D., Long Island, 1944.
- James Addison Martin, *Clinical Assistant Professor of Radiology*.
B.A., Rice Institute, 1946; M.D., Harvard, 1945.
- Hal Wendell Maxwell, *Clinical Assistant Professor of Ophthalmology*.
B.A., Southern Methodist, 1929; M.D., Baylor, 1933.
- Ben August Merrick, *Clinical Assistant Professor of Medicine*.
M.D., Baylor, 1938.
- Matthew Hill Metz, *Clinical Assistant Professor of Medicine*.
M.D., Baylor, 1932.
- William Francis Miller, *Assistant Professor of Medicine*.
B.A., Wittenberg, 1942; M.D., Western Reserve, 1945.
- Henry Gough Montgomery, *Clinical Assistant Professor of Surgery*.
M.D., Baylor, 1940.
- Philip O'Bryan Montgomery, *Assistant Professor of Pathology*.
B.S., Southern Methodist, 1942; M.D., Columbia, 1945.
- Ramsay H. Moore, *Clinical Assistant Professor of Pediatrics*.
M.D., Texas, 1919.
- Stephen Halcuit Moore, *Clinical Assistant Professor of Pediatrics*.
B.A., Southern Methodist, 1931; M.D., Harvard, 1935.
- Cleve Crumley Nash, *Clinical Assistant Professor of Surgery*.
M.D., Washington, 1907.
- Edward Alphonso Newell, *Clinical Assistant Professor of Otolaryngology*.
M.D., Maryland, 1948.
- Floyd Alvin Norman, *Clinical Assistant Professor of Pediatrics*.
M.D., Texas, 1935.
- Patricia Nadine O'Neill, *Assistant Professor of Medical Art*.
B.A., B.S., Texas State College for Women, 1943; M.M.A., Southwestern Medical College, 1947.
- William Frederick Ossenfort, *Clinical Assistant Professor of Neuropsychiatry*.
B.S., Missouri, 1923; M.D., Washington, 1928.
- Casey E. Patterson, *Clinical Assistant Professor of Surgery*.
B.S., Texas Christian, 1930; M.D., Baylor, 1932.
- Donald Lowell Paulson, *Clinical Assistant Professor of Surgery*.
B.S., M.D., Minnesota, 1935; M.S., 1937; Ph.D., 1942.
- Frank Percy, *Clinical Associate Professor of Neuropsychiatry*.
B.S., Chicago, 1922; Ph.D., 1924; M.D., Rush Medical College, 1928.
- Michael James Pescor, *Clinical Assistant Professor of Neuropsychiatry*.
B.A., Wisconsin, 1925; M.D., 1930.

- William Henry Potts, *Clinical Assistant Professor of Medicine*.
B.A., Texas, 1922; M.D., Harvard, 1926.
- James Easton Robertson, *Clinical Assistant Professor of Medicine*.
M.D., Harvard, 1935.
- Edward Still Ross, *Clinical Assistant Professor of Medicine*.
B.A., Baylor, 1924; M.D., 1928.
- Robert Jarman Rowe, *Clinical Assistant Professor of Proctology*.
B.A., M.D., Baylor, 1936; M.S., Temple, 1939.
- Robert Alonzo Sage, *Assistant Professor of Medical Art*.
B.A., Iowa, 1931.
- John Joseph Szama, Jr., *Clinical Assistant Professor of Radiology*.
M.D., Chicago, 1936.
- Arthur John Schwenkenberg, *Clinical Assistant Professor of Neuropsychiatry*.
M.D., Texas, 1919.
- Festus Johnson Sebastian, *Clinical Assistant Professor of Obstetrics and Gynecology*.
B.A., Baylor, 1929; M.D., 1933.
- James Howard Shane, *Clinical Assistant Professor of Urology*.
B.A., Texas, 1923; M.D., Harvard, 1927.
- Manning Brady Shannon, *Clinical Assistant Professor of Surgery assigned to Anatomy*.
M.D., Baylor, 1937.
- Alvin Philip Shapiro, *Clinical Assistant Professor of Neuropsychiatry and Clinical Assistant Professor of Internal Medicine*.
B.A., Cornell, 1941; M.D., Long Island, 1944.
- Lawrence Burton Sheldon, *Clinical Assistant Professor of Medicine*.
B.A., Iowa, 1922; M.D., 1925.
- William Prior Shelton, *Clinical Assistant Professor of Neuropsychiatry*.
B.A., Washington, 1926; M.D., 1929.
- Charles Bliss Shuey, *Clinical Assistant Professor of Medicine*.
M.D., Baylor, 1934.
- Alice Smith, *Assistant Professor of Pathology*.
B.A., Texas, 1940; M.D., Southwestern Medical College, 1946.
- Ralph Calvin Smith, *Clinical Assistant Professor of Urology*.
M.D., Baylor, 1920.
- Robert S. Sparkman, *Clinical Assistant Professor of Surgery*.
B.A., M.D., Baylor, 1935.
- Harold Earl Taylor, *Clinical Assistant Professor of Surgery*.
B.S., Texas, 1931; M.D., 1935.
- John Crothers Vanatta, III, *Assistant Professor of Physiology*.
B.A., Indiana, 1941; M.D., 1944.
- Charles Herbert Warren, *Clinical Assistant Professor of Surgery*.
Ph.G., Vanderbilt, 1913; M.D., 1914.
- Margaret Watkins, *Clinical Assistant Professor of Orthopedic Surgery*.
B.A., Texas, 1934; M.D., Baylor, 1938.
- Willard Bryan Weary, *Clinical Assistant Professor of Surgery*.
B.A., Nebraska, 1929; M.D., Chicago, 1936.
- Leo Weiss, *Clinical Assistant Professor of Pathology*.
B.A., New York, 1934; M.D., 1938.
- Watt Wellington Winn, *Clinical Assistant Professor of Obstetrics and Gynecology*.
M.D., Baylor, 1927.
- Joe Billy Wood, *Clinical Assistant Professor of Anesthesiology*.
B.A., Texas, 1935; M.D., Baylor, 1939.
- Jack I. Woolf, *Clinical Assistant Professor of Surgery*.
M.D., Baylor, 1936.

Instructors

- Raymond H. Abrams, *Clinical Instructor in Obstetrics and Gynecology*.
B.S., Illinois, 1939; M.D., 1941.

- Louis Ernest Adin, Jr., *Clinical Instructor in Otolaryngology*.
B.A., Southern Methodist, 1941; M.D., Baylor, 1943.
- George Nathan Aldredge, Jr., *Clinical Instructor in Orthopedic Surgery*.
B.A., Williams, 1938; M.D., Pennsylvania, 1942.
- Lee Joseph Alexander, *Clinical Instructor in Dermatology and Syphilology*.
M.D., Tulane, 1934; M.P.H., Johns Hopkins, 1940.
- Anthony Louis Alferi, *Clinical Instructor in Pediatrics*.
B.M., Louisiana State, 1935; M.D., 1936.
- William A. Altman, *Clinical Instructor in Surgery*.
B.A., Rice Institute, 1935; M.D., Harvard, 1939.
- William McLellan Ashe, *Clinical Instructor in Surgery*.
B.S., Wheaton College, 1938; M.D., Rochester, 1943.
- Charles Aaron Ault, Jr., *Clinical Instructor in Internal Medicine*.
M.D., Baylor, 1937.
- Herbert A. Bailey, *Clinical Instructor in Medicine*.
B.S., New Mexico, 1941; M.D., Southwestern Medical College, 1945.
- James L. Baldwin, *Clinical Instructor in Otolaryngology*.
M.D., Southwestern Medical College, 1947.
- Thomas Stewart Barnes, *Clinical Instructor in Medicine*.
B.A., Texas, 1935; M.D., 1939.
- William Edwin Barnett, *Clinical Instructor in Medicine*.
B.A., DePauw, 1927; M.D., Indiana, 1931.
- Wallace Bassett, *Clinical Instructor in Medicine*.
B.A., Baylor, 1931; M.D., 1938.
- Lawrence G. Behan, *Clinical Instructor in Neuropsychiatry*.
M.D., St. Louis, 1942.
- Thomas Ray Bennett, Jr., *Clinical Instructor in Obstetrics and Gynecology*.
M.D., Baylor, 1941.
- James Flimen Biggart, Jr., *Clinical Instructor in Internal Medicine*.
B.S., Tulane, 1943; M.D., 1945.
- Drury Shelton Blair, *Clinical Instructor in Dermatology and Syphilology*.
B.S., Southern Methodist, 1938; M.D., Baylor, 1939.
- Max Harry Blend, *Clinical Instructor in Obstetrics and Gynecology*.
B.S., Southern Methodist, 1936; M.D., Baylor, 1937.
- Harold M. Block, *Clinical Instructor in Ophthalmology*.
B.A., M.D., Baylor, 1931.
- Grant Lienhardt Boland, *Clinical Instructor in Surgery*.
B.A., Johns Hopkins, 1937; M.A., Michigan, 1948; M.D., Johns Hopkins, 1942.
- Allan Bookatz, *Clinical Instructor in Surgery*.
B.A., Miami, 1933; M.D., Western Reserve, 1936.
- David M. Bornstein, *Clinical Instructor in Medicine*.
B.A., Baylor, 1939; M.D., 1943.
- Edwin Gladstone Bovill, Jr., *Clinical Instructor in Orthopedic Surgery*.
B.A., Dartmouth, 1940; M.D., Pennsylvania, 1943.
- George Robert Branch, *Clinical Instructor in Pediatrics*.
B.S., Texas, 1940; M.D., 1941.
- William Milton Branch, *Clinical Instructor in Orthopedic Surgery*.
B.S., Texas, 1940; M.D., Southwestern Medical College, 1944.
- Donald Brown, *Clinical Instructor in Medicine*.
B.A., Southern Methodist, 1946; M.D., Southwestern Medical College, 1946.
- Ronald M. Burnside, *Clinical Instructor in Ophthalmology*.
B.A., Texas, 1937; M.D., 1941.
- Genette Burruss, *Clinical Instructor in Neuropsychiatry*.
B.A., Minnesota, 1923; M.A., 1927.
- Oliver Franklin Bush, *Clinical Instructor in Anesthesiology*.
M.D., Emory, 1942.
- William Leslie Bush, *Clinical Instructor in Urology*.
B.A., Texas, 1927; M.D., 1931.

- Lawrence Clark Cameron, *Clinical Instructor in Medicine*.
B.S., Pacific Union College, 1926; M.D., Medical Evangelists College, 1931.
- Herschel Gray Carter, *Clinical Instructor in Proctology*.
B.A., Oklahoma City, 1941; M.D., 1943.
- Jimmie Harold Cheek, *Clinical Instructor in Surgery*.
B.A., Texas Technological College, 1941; M.D., Southwestern Medical College, 1944.
- Stephen William Cobb, *Clinical Instructor in Obstetrics and Gynecology*.
B.A., Texas, 1943; M.D., Harvard, 1945.
- Charles Max Cole, *Clinical Instructor in Surgery*.
B.A., Southern Methodist, 1937; M.D., Iowa, 1942.
- Donald Alton Corgill, *Clinical Instructor in Otolaryngology*.
B.A., Alabama, 1938; M.D., Washington, 1939.
- Lawrence Earl Darrough, *Clinical Instructor in Otolaryngology*.
M.D., Washington, 1924.
- Vanda A. Davidson, *Clinical Instructor in Obstetrics and Gynecology*.
B.S., Louisiana Polytechnic Institute, 1938; M.D., Tulane, 1942.
- Leo Goudchaux Davis, *Clinical Instructor in Ophthalmology*.
M.D., Baylor, 1931.
- Milton Victor Davis, *Clinical Instructor in Surgery assigned to Anatomy*.
M.D., Southwestern Medical College, 1944.
- William Barry Dean, *Clinical Instructor in Pediatrics*.
M.D., Baylor, 1947.
- James Tickell Downs, III, *Clinical Instructor in Obstetrics and Gynecology*.
B.A., Texas, 1938; M.D., 1941.
- Charles Newton Duncan, *Clinical Instructor in Medicine assigned to Anatomy*.
B.S., Southern Methodist, 1935; M.D., Baylor, 1937.
- Carolyn Dunkelberg, *Instructor in Biochemistry*.
B.A., North Texas State College, 1948; M.A., Texas, 1951.
- Alex Arthur Eisenberg, *Clinical Instructor in Dermatology and Syphilology*.
B.S., New York, 1936; M.D., 1942.
- Jacob Saul Fine, *Clinical Instructor in Pediatrics*.
B.A., Bowdoin College, 1933; M.A., Princeton, 1934; M.D., Yale, 1939.
- Hanes Mathew Fowler, *Clinical Instructor in Dermatology and Syphilology*.
B.S., Chicago, 1933; M.D., Rush Medical College, 1936.
- Thomas V. Frank, *Clinical Instructor in Neuropsychiatry*.
M.D., Georgetown, 1945.
- Charles Saul Fromm, *Clinical Instructor in Urology*.
B.S., New York, 1932; M.D., 1936.
- Carl Foster Fuqua, *Clinical Instructor in Urology*.
B.S., M.D., Baylor, 1943.
- William N. Fuqua, *Clinical Instructor in Surgery*.
D.D.S., Baylor, 1937; M.D., 1941.
- Ludwig Alexander Furchgott, *Clinical Instructor in Otolaryngology*.
B.A., New York, 1939; M.D., 1943.
- Jabez Galt, *Clinical Instructor in Medicine*.
M.D., Baylor, 1941.
- Amos Dillon Garner, *Clinical Instructor in Surgery*.
B.S., Arkansas, 1935; M.D., Tulane, 1938.
- Frederick Stewart Geist, *Clinical Instructor in Medicine* (on military leave).
B.S., Antioch, 1945; M.D., Western Reserve, 1947.
- M. Paul Goodfried, *Clinical Instructor in Orthopedic Surgery*.
B.A., Cornell, 1937; M.D., New York, 1941.
- Seymour Bernard Gostin, *Clinical Instructor in Ophthalmology*.
B.A., Duke, 1937; M.D., New York, 1940.
- Arthur Paul Gottlich, *Clinical Instructor in Obstetrics and Gynecology*.
B.S., Southern Methodist, 1935; M.D., Baylor, 1937.
- Marion F. Graham, *Clinical Instructor in Pediatrics*.
B.A., Baylor, 1939; M.D., 1945.

- Russell Bion Graham, *Clinical Instructor in Orthopedic Surgery*.
B.A., Colorado, 1938; M.D., 1942.
- William Casper Grater, *Clinical Instructor in Medicine*.
B.A., Illinois, 1942; M.D., 1945.
- Marion Joseph Greve, *Clinical Instructor in Medicine*.
B.A., Rice Institute, 1942; M.D., Harvard, 1945.
- Jack B. Griffin, *Clinical Instructor in Obstetrics and Gynecology*.
M.D., Tulane, 1937.
- Martha Helen Hale, *Clinical Instructor in Pediatrics*.
B.S., Texas State College for Women, 1933; M.D., Baylor, 1938.
- Salmon Reclus Halpern, *Clinical Instructor in Pediatrics*.
B.A., Michigan, 1930; M.S., New York, 1931; Ph.D., Colorado, 1934; M.D., 1937.
- Charles Ferrill Hamilton, *Clinical Instructor in Medicine*.
B.S., Iowa, 1936; M.D., St. Louis, 1940.
- William Carter Hawkins, *Clinical Instructor in Pediatrics*.
M.D., Duke, 1940.
- Hodge Clayton Henderson, Jr., *Clinical Instructor in Obstetrics and Gynecology*.
B.A., Hendrix College, 1941; M.D., Southwestern Medical College, 1944.
- Richard Benedict Herrick, *Clinical Instructor in Orthopedic Surgery*.
B.A., Iowa, 1942; M.D., 1943.
- Marianna Hood, *Clinical Instructor in Obstetrics and Gynecology*.
B.S., Texas State College for Women, 1936; M.D., Tulane, 1941.
- Jesse Morris Horn, *Clinical Instructor in Medicine*.
B.A., Texas, 1928; M.D., Pennsylvania, 1932.
- James Bernice Howell, *Clinical Instructor in Dermatology and Syphilology*.
B.A., Baylor, 1935; M.D., 1939.
- David Graham Hubbard, *Clinical Instructor in Neuropsychiatry*.
M.D., Southwestern Medical College, 1944.
- George Truett James, *Clinical Instructor in Orthopedic Surgery*.
B.A., Alabama, 1941; M.D., Baylor, 1944.
- Clive Roland Johnson, *Clinical Instructor in Surgery and Director of the Fort Worth Laboratories for Surgical Research*.
B.S., Idaho, 1933; M.D., Rush Medical College, 1937; M.S., Minnesota, 1942.
- Albert Handly Keene, *Clinical Instructor in Radiology*.
B.A., Southern Methodist, 1942; M.D., Baylor, 1944.
- Carroll Everdon Kern, *Clinical Instructor in Surgery*.
B.S., Indiana, 1937; M.D., 1940.
- Dean Carl Kipp, *Clinical Instructor in Surgery*.
B.S., Kansas, 1939; M.D., 1943.
- William Mood Knowles, *Clinical Instructor in Ophthalmology*.
B.A., Southwestern, 1910; M.D., Southern Methodist, 1913.
- Conrad James Kraft, *Clinical Instructor in Pediatrics* (on military leave).
B.S., Texas, 1943; M.D., Illinois, 1947.
- Louis Albertus Kregel, *Clinical Instructor in Surgery*.
B.S., Wisconsin, 1938; M.D., 1940.
- Herman Otis Krempin, *Clinical Instructor in Pediatrics*.
M.D., Texas, 1946.
- Charles Nance LaDue, *Clinical Instructor in Medicine*.
M.D., Texas, 1938.
- Eugene P. Legg, *Clinical Instructor in Orthopedic Surgery*.
B.S., Texas Technological College, 1930; M.D., Texas, 1936.
- Albert Oscar Loisel, *Clinical Instructor in Orthopedic Surgery*.
M.D., Loyola, 1939.
- Bernice Eugenie McCain, *Clinical Instructor in Pathology*.
M.D., Arkansas, 1946.
- James Marshall McKinney, *Clinical Instructor in Pediatrics*.
B.S., Southern Methodist, 1943; M.D., Texas, 1944.

- Joseph Peele McNeill, *Clinical Instructor in Surgery*.
B.S., West Texas State College, 1938; M.D., Texas, 1942.
- Walter Breckenridge Mantooh, Jr., *Clinical Instructor in Dermatology and Syphilology*.
M.D., Texas, 1945.
- Oscar Milton Marchman, Jr., *Clinical Instructor in Ophthalmology*.
B.A., Baylor, 1934; M.D., 1938.
- John Stanley Marietta, *Clinical Instructor in Medicine*.
B.A., Kansas, 1937; M.D., Harvard, 1941.
- Richard E. Martinak, *Clinical Instructor in Obstetrics and Gynecology*.
M.D., Baylor, 1939.
- Eugene Edgar Mason, *Clinical Instructor in Medicine*.
B.S., Southern Methodist, 1937; M.D., Baylor, 1940.
- Porter Kahn Mason, *Clinical Instructor in Medicine*.
M.D., Baylor, 1934.
- Albert Edward Meisenbach, Jr., *Clinical Instructor in Ophthalmology*.
B.A., Washington, 1933; M.D., 1937.
- Evri Bear Mendel, *Clinical Instructor in Obstetrics and Gynecology*.
B.A., Rice Institute, 1935; M.D., Texas, 1939.
- Logan Underwood Mewhinney, *Clinical Instructor in Pediatrics*.
B.S., Texas, 1938; M.D., 1941.
- Carmen Miller, *Instructor in Neuropsychiatry*.
B.A., Southern Methodist, 1945; M.A., Columbia, 1947; Ph.D., Southern Methodist, 1952.
- Joseph D. Mitchell, *Clinical Instructor in Urology*.
B.S., Oklahoma, 1935; M.D., Vanderbilt, 1939.
- John C. Montgomery, *Clinical Instructor in Neuropsychiatry*.
B.A., Baylor, 1923; M.D., 1931.
- Ken Mooney, *Clinical Instructor in Urology*.
M.D., Baylor, 1937.
- Charles Randolph Morris, *Clinical Instructor in Surgery*.
B.S., Wisconsin, 1938; M.D., 1941; M.S., Northwestern, 1947.
- Margaret Moulton, *Clinical Instructor in Neuropsychiatry*.
B.A., Albion College, 1932; M.Sc., Western Reserve, 1937.
- Gerald Mullikin, *Clinical Instructor in Anesthesiology*.
M.D., Southwestern Medical College, 1948.
- Gloria Hansel Nash, *Clinical Instructor in Anesthesiology*.
B.S., Pennsylvania, 1942; M.D., 1945.
- Tom Middlebrook Nash, *Clinical Instructor in Surgery*.
M.D., Texas, 1944.
- Perry Quentin Needham, *Clinical Instructor in Medicine*.
B.S., Texas Christian, 1943; M.D., Texas, 1946.
- Philip D. Newell, *Clinical Instructor in Obstetrics and Gynecology*.
B.A., Wabash College, 1934; M.D., Wayne, 1940.
- Lamar Herman Ochs, *Clinical Instructor in Internal Medicine*.
B.A., Washington, 1941; M.D., 1944.
- William Thomas Payne, III, *Clinical Instructor in Orthopedic Surgery*.
B.S., Southern Methodist, 1939; M.D., Baylor, 1943.
- James Knox Peden, *Clinical Instructor in Neuropsychiatry*.
B.S., Southern Methodist, 1941; M.D., Baylor, 1939.
- Ludlow Mays Pence, *Clinical Instructor in Neuropsychiatry*.
M.D., Baylor, 1941.
- Taylor Thomas Pickett, *Clinical Instructor in Medicine*.
B.A., Baylor, 1927; M.D., 1931.
- George Leslie Porter, *Clinical Instructor in Pediatrics*.
B.A., M.D., Baylor, 1934.
- Hugh W. S. Powers, *Clinical Instructor in Pediatrics*.
B.S., Virginia, 1938; M.D., 1940.

- Mildred Raible, *Clinical Instructor in Neuropsychiatry*.
B.A., Pomona College, 1922; M.S., Smith College, 1923.
- Paul Milligan Rattan, *Clinical Instructor in Medicine*.
M.D., Baylor, 1933.
- Paul Richburg, *Clinical Instructor in Medicine*.
B.S., Decatur, 1938; M.D., 1947.
- Paul Alexander Richter, *Clinical Instructor in Ophthalmology*.
B.A., Rice Institute, 1933; M.D., Texas, 1937.
- Joseph Murray Riddell, Jr., *Clinical Instructor in Dermatology and Syphilology*.
B.A., Texas, 1941; M.D., Baylor, 1946.
- Lloyd Francis Ritchey, *Clinical Instructor in Otolaryngology*.
M.D., Arkansas, 1943.
- Joseph Garland Roach, *Clinical Instructor in Pediatrics*.
B.A., Baylor, 1942; M.D., Southwestern Medical College, 1945.
- Joseph Eli Rothschild, *Clinical Instructor in Medicine*.
M.D., Baylor, 1937.
- Oscar Perdue Sanders, *Clinical Instructor in Pediatrics*.
M.D., Baylor, 1941.
- Howard A. Searl, *Clinical Instructor in Physical Medicine*.
M.D., George Washington, 1925.
- Willard C. Sellman, Jr., *Clinical Instructor in Surgery*.
B.A., Texas, 1939; M.D., Baylor, 1943.
- Wynne Sharples, *Clinical Instructor in Pharmacology*.
B.S., Harvard, 1944; M.D., Columbia, 1951.
- Clinton McKinely Shaw, Jr., *Clinical Instructor in Medicine*.
B.A., Oklahoma, 1943; M.D., 1945.
- Murphy M. Sims, *Clinical Instructor in Orthopedic Surgery*.
B.A., Texas, 1928; M.D., Louisiana, 1935.
- Charles Leonard Smith, *Clinical Instructor in Pediatrics*.
B.A., Southern Methodist, 1941; M.D., Southwestern Medical College, 1944.
- Irving Sokolsky, *Clinical Instructor in Otolaryngology*.
B.S., Tulane, 1942; M.D., 1945.
- Eleanor Soroker, *Clinical Instructor in Neuropsychiatry*.
B.A., Chicago, 1936; M.A., 1945.
- Doris Spegal, *Clinical Instructor in Pediatrics*.
B.A., Louisville, 1939; M.D., 1942.
- Donald A. Sutherland, *Clinical Instructor in Medicine*.
B.A., Macalester College, 1944; M.B., Minnesota, 1946; M.D., 1947.
- James Keith Tarrer, *Clinical Instructor in Otolaryngology*.
B.S., M.D., Arkansas, 1940.
- Nathan Tobolowsky, *Clinical Instructor in Surgery*.
B.A., Southern Methodist, 1938; M.D., Baylor, 1942.
- Herman Ulevitch, *Clinical Instructor in Internal Medicine*.
B.S., Michigan, 1940; M.D., Cincinnati, 1943.
- William Caren von der Lieth, *Clinical Instructor in Surgery*.
B.A., St. Peter's College, 1944; M.D., Cornell, 1944.
- T. W. Wade, *Clinical Instructor in Physical Medicine*.
M.D., Baylor, 1921.
- Morris Frank Waldman, *Clinical Instructor in Otolaryngology*.
M.D., Baylor, 1936.
- James N. Walker, *Clinical Instructor in Pediatrics*.
B.S., Southern Methodist, 1935; M.D., Texas, 1942.
- Francis Leon Ware, *Clinical Instructor in Orthopedic Surgery*.
B.S., Louisiana State, 1939; M.D., 1942.
- Eugene Wasserman, *Clinical Instructor in Dermatology and Syphilology*.
M.D., Ludwigs-Maximilian (Munich), 1919.
- Mark Lane Welch, *Clinical Instructor in Surgery*.
M.D., Arkansas, 1941.

Ann West, *Clinical Instructor in Medicine.*

M.D., Baylor, 1930.

Turner A. Wharton, *Clinical Instructor in Dermatology and Syphilology.*

M.D., Southwestern, 1944.

Charles Monroe Wilson, *Clinical Instructor in Surgery.*

B.A., Texas, 1938; M.D., Tulane, 1943; M.S., Michigan, 1949.

Robert Earle Winn, *Clinical Instructor in Neuropsychiatry.*

B.S., Southern Methodist, 1927; M.D., Baylor, 1932.

Julius Wolfram, *Clinical Instructor in Medicine.*

B.A., Columbia, 1932; M.D., 1936.

Jack Irwin Womack, *Clinical Instructor in Pediatrics.*

M.D., Baylor, 1942.

Assistants

John B. Allen, *Clinical Assistant in Medicine.*

B.S., Missouri, 1937; M.D., Northwestern, 1939; M.S., 1947.

Violet Baird, *Librarian and Assistant in Library Science.*

B.A., Rice Institute, 1931; M.A., 1934; B.S. in L.S., Louisiana, 1935.

John Lane Baskin, *Clinical Assistant in Pediatrics.*

B.A., Texas, 1943; M.D., 1944; M.S., 1952.

Bassel Blanton, *Clinical Assistant in Medicine.*

B.A., Texas, 1935; M.D., 1939.

Charles Lyndon Bloss, *Clinical Assistant in Nueropsychiatry.*

M.D., Baylor, 1943.

James Young Bradfield, *Clinical Assistant in Medicine.*

B.A., Texas, 1940; M.D., 1943.

Vernon Mercer Bryant, *Clinical Assistant in Orthopedic Surgery.*

B.A., Texas, 1932; M.D., Virginia, 1940.

Herbert Norman Chandler, *Clinical Assistant in Pediatrics.*

B.A., Oklahoma, 1943; M.D., 1946.

Frank W. Clark, *Clinical Assistant in Anatomy.*

B.A., Southeastern State College, 1938; B.S., 1947; M.D., Oklahoma, 1951.

Edwin Cleveland, *Clinical Assistant in Medicine.*

M.D., Baylor, 1940.

Forest A. Cornwell, *Clinical Assistant in Pediatrics.*

B.S., Kansas, 1943; M.D., 1945.

Avery Lon Cotton, *Clinical Assistant in Pediatrics.*

M.D., Tennessee, 1945.

Leon William Dierolf, Jr., *Clinical Assistant in Internal Medicine.*

B.S., Franklin and Marshall College, 1940; M.D., Temple, 1943.

Hartwell Price Edwards, *Clinical Assistant in Orthopedic Surgery.*

B.S., Wofford College, 1936; M.A., 1937; M.D., Duke, 1942.

John Philip Fischer, *Clinical Assistant in Medicine.*

B.S., Tulane, 1942; M.D., 1944.

Frank Branch Gooch, Jr., *Clinical Assistant in Anatomy.*

B.A., Rice Institute, 1939; M.D., Tulane, 1943.

David J. Henry, *Clinical Assistant in Orthopedic Surgery.*

M.D., Baylor, 1940.

Naon Joseph Harris, *Clinical Assistant in Medicine.*

B.S., M.D., Arkansas, 1933.

Richard Glenn Hamill, *Clinical Assistant in Anatomy.*

B.S., New Mexico, 1939; M.D., Tulane, 1943.

Bonnie Clyde Halley, Jr., *Clinical Assistant in Orthopedic Surgery.*

M.D., Southwestern Medical College, 1944.

Arvil Edwin Haley, *Clinical Assistant in Medicine.*

B.S., Southern Methodist, 1940; M.D., Baylor, 1942.

Carey Gray King, *Clinical Assistant in Medicine.*

B.A., Rice Institute, 1940; M.D., Texas, 1943.

- Shields O. Livingston, *Clinical Assistant in Anatomy*.
B.A., Central Missouri, 1940; B.S., 1946; M.D., Washington, 1950.
- Charles Harry Lodowski, *Clinical Assistant in Pediatrics*.
B.S., Villanova, 1939; M.D., Southwestern Medical College, 1948.
- Victor I. Lyday, *Clinical Assistant in Medicine*.
B.A., Texas, 1932; M.D., Baylor, 1939.
- Tom Milton McCrory, *Clinical Assistant in Ophthalmology*.
M.D., Southwestern Medical College, 1944.
- Arch J. McNeill, *Clinical Assistant in Medicine*.
M.D., Baylor, 1936.
- James Cyril McPherson, *Assistant in Biochemistry*.
B.S., Southern Methodist, 1946.
- Morris Edwin Magers, *Clinical Assistant in Medicine*.
M.D., Baylor, 1942.
- Harold Andrew Mattson, *Clinical Assistant in Orthopedic Surgery*.
B.S., M.D., Nebraska, 1943.
- Charles Spencer Meredith, III, *Clinical Assistant in Anatomy*.
B.S., Southwestern, 1943; M.D., Texas, 1947.
- William Lee Moffat, *Clinical Assistant in Anatomy*.
M.D., Tennessee, 1946.
- Donald Wallace Munsell, *Clinical Assistant in Medicine*.
M.D., Baylor, 1940.
- Joseph Bernard Murphy, *Clinical Assistant in Medicine*.
B.S., M.D., Loyola, 1934.
- Harvey Newman, III, *Clinical Assistant in Pediatrics*.
M.D., Georgia, 1948.
- Thomas Hall Obenchain, Jr., *Clinical Assistant in Medicine*.
B.A., Rice Institute, 1945; M.D., Texas, 1945.
- Rupert Harlan Pate, *Clinical Assistant in Anatomy*.
B.A., Harlin-Simmons, 1939; M.D., Baylor, 1943.
- Fred Gilroy Popkess, *Clinical Assistant in Medicine*.
B.S., Southern Methodist, 1940; M.D., Oklahoma, 1943.
- Robert Kennedy Portman, *Clinical Assistant in Medicine*.
B.S., Southern Methodist, 1937; M.D., Baylor, 1941.
- Elinor Calmbach Reinmiller, *Assistant Librarian and Assistant in Library Science*.
B.A., Iowa, 1939; B.A. in L.S., Texas State College for Women, 1946.
- David D. Reisman, *Clinical Assistant in Urology*.
B.A., Wayne, 1939; M.D., 1943.
- William Somers Reynolds, *Clinical Assistant in Medicine*.
B.S., Howard, 1938; M.D., Louisville, 1942.
- Edward R. Richardson, *Clinical Assistant in Orthopedic Surgery*.
B.A., Dartmouth, 1939; M.D., Albany, 1943.
- Margaret Cox Robbins, *Assistant in Biophysics*.
B.S., North Texas State College, 1943; M.S., 1947.
- Tom Roy Roberts, *Clinical Assistant in Medicine*.
B.A., Texas, 1940; M.D., 1942.
- Anne Rose Rucker, *Registrar*.
B.A., Southern Methodist, 1931.
- Gus Schreiber, *Clinical Assistant in Medicine*.
B.S., Southern Methodist, 1936; M.D., Baylor, 1938.
- Eldon Kenneth Seibel, *Clinical Assistant in Anatomy*.
M.D., Southwestern Medical College, 1944.
- Charles Robert Smith, *Clinical Assistant in Pediatrics*.
B.S., Southern Methodist, 1944; M.D., Baylor, 1947.
- Hsi-Ching Teng, *Assistant in Medicine*.
B.S., St. Johns, Shanghai, 1942; M.D., 1945.
- Albert Montefiore Tocker, *Clinical Assistant in Bacteriology*.
B.A., Syracuse, 1928; M.D., Washington, 1932.

Robert Alexander Toland, Jr., *Clinical Assistant in Neuropsychiatry*.
B.A., Colorado College, 1939; M.A., Denver, 1951.

Louis Turbeville, *Clinical Assistant in Pediatrics*.
M.D., Tulane, 1948.

Roger H. Unger, *Clinical Assistant in Internal Medicine*.
B.S., Yale, 1944; M.D., Columbia, 1947.

Frederick W. Veninga, *Clinical Assistant in Medicine*.
M.D., St. Louis, 1943.

Wilbur Doyle Waldron, *Clinical Assistant in Medicine*.
M.D., Arkansas, 1941.

Lecturers

Victor Marcos Ehlers, *Lecturer in Preventive Medicine and Public Health*.
B.S., Agricultural and Mechanical College of Texas, 1905; C.E., Cornell, 1910.

Harold Barefoot Sanders, *Lecturer in Medical Jurisprudence*.
B.A., Oklahoma, 1919; J.D., Chicago, 1922.

Olivia Smythe, *Lecturer in Preventive Medicine and Public Health*.
B.S., Peabody, 1943; M.A., New York, 1946.

Earle W. Sudderth, *Lecturer in Preventive Medicine and Public Health*.
B.S. in Eng., Agricultural and Mechanical College of Texas, 1940.

Fellows

Marian Lucille Auld, *Fellow in Pediatrics*.
B.S., South Dakota, 1947; M.D., Southwestern Medical College, 1949.

William Sterling Bell, *Fellow in Neuropsychiatry*.
B.S., Texas Christian, 1944; M.D., Duke, 1951.

David Syme Buell, *Fellow in Neuropsychiatry*.
B.A., Texas, 1947; M.D., Tulane, 1951.

Helen Estelle Clark, *Fellow in Internal Medicine*.
B.S., Wyoming, 1944; M.D., Washington, 1948.

Robert Lee Dennis, *Damon Runyon Fellow in Biophysics*.
B.A., Texas Technological College, 1939; M.A., Texas, 1951.

Marjorie Sue Harshbarger, *Fellow in Pediatrics*.
B.S., North Texas State College, 1941; M.S., 1943; M.D., Southwestern Medical College, 1949.

Charlie Richard Jernigan, *Fellow in Surgery*.
M.D., Southwestern Medical College, 1948.

Alvis Francis Johnson, Jr., *Fellow in Pediatrics*.
B.A., Texas, 1940; M.D., 1946.

Jerold Dudley Kethley, *Fellow in Surgery*.
B.S., McMurry College, 1938; M.D., Southwestern Medical School, 1950.

Mary Nagler, *Fellow in Pharmacology*.
B.A., Connecticut College for Women, 1940; M.A., Southern Calif., 1946.

Arthur Glenn Nelson, *Fellow in Surgery*.
M.D., Southwestern Medical College, 1948.

George Thomas Shires, *Fellow in Surgery*.
M.D., Southwestern Medical College, 1948.

Robbie Jo Shires, *Fellow in Pediatrics*.
M.D., Southwestern Medical College, 1947.

Residents in Baylor University Hospital

Floyd G. Betts, *Radiology*.
B.S., Southwestern, 1942; M.D., Texas, 1943.

Robert J. Beveridge, *Surgery*.
B.A., Colorado, 1945; M.D., 1949.

Fred W. Bone, *Obstetrics-Gynecology*.
M.D., Southwestern Medical School, 1950.

Charles H. Bruce, *Obstetrics-Gynecology*.

B.S., Georgia, 1942; M.D., 1948.

Ross Lee Curtess, *Pathology*.

M.D., Oklahoma, 1949.

Joyce Stripling Davis, *Pathology*.

B.S., Baylor, 1945; M.D., 1947.

Horace Thomas Hayes, *Surgery*.

B.A., Georgia, 1943; M.D., 1950.

Anita Johnson, *Internal Medicine*.

B.S., North Texas State College, 1946; M.D., Women's Medical College of Pennsylvania, 1950.

George R. Lajous, *Pathology*.

M.D., Buenos Aires, Argentina, 1947.

Kenneth W. LaRue, *Obstetrics-Gynecology*.

B.S., Illinois, 1948; M.D., 1950.

William Kerr Lindsay, *Plastic Surgery*.

B.S., Toronto, 1949; M.D., 1945.

James E. Loveless, *Orthopedic Surgery*.

B.S., Kansas, 1933; M.D., Baylor, 1940.

Malcolm M. McRae, *Obstetrics-Gynecology*.

M.D., George Washington, 1944.

Julian MarDock, *Thoracic Surgery*.

B.S., Texas, 1942; M.D., Cornell, 1949.

Billy B. Markette, *Radiology*.

M.D., Southwestern Medical College, 1944.

Harold M. Mims, *Surgery*.

M.D., Georgia, 1948.

George E. Reynolds, *Surgery*.

B.S., Michigan, 1940; M.S., 1942; M.D., 1950.

William Sabatini, *Internal Medicine*.

M.D., Buenos Aires, Argentina, 1937.

Abdul Rasul Sadik, *Surgery*.

M.B., Ch.B., Royal Faculty of Medicine, Bagdad, 1942; M.D., 1948.

John Leslie Smith, *Pathology*.

M.D., Tulane, 1948.

Clarence E. Ulery, *Internal Medicine*.

B.S., Baylor, 1947; M.D., Southwestern Medical School, 1951.

Henry M. Winans, *Internal Medicine*.

B.S., Southern Methodist, 1948; M.D., Baylor, 1950.

Residents in Children's Medical Center

Marian L. Auld, *Pediatrics*.

B.S., South Dakota, 1947; M.D., Southwestern Medical College, 1949.

Marion Wilson Brous, *Pediatrics*.

M.D., Baylor, 1949.

Robert L. Carr, *Pediatrics*.

B.A., Texas Technological College, 1948; M.D., Southwestern Medical School, 1951.

Howard A. Diller, *Pediatrics*.

M.D., Southwestern Medical School, 1951.

Frances B. Crane, *Pediatrics*.

M.D., Oklahoma, 1944.

Noel A. Ellis, *Pediatrics*.

M.D., Southwestern Medical School, 1950.

Willard Ray Ferguson, *Pediatrics*.

M.D., Texas, 1950.

Marjorie S. Harshbarger, *Pediatrics*.

B.S., North Texas State College, 1941; M.D., Southwestern Medical College, 1949.

Leora Pate, *Pediatrics*.

M.D., Texas, 1950.

Milam Bernard Pharo, *Pediatrics*.

M.D., Tulane, 1949.

Melvin Gray Russell, Jr., *Pediatrics*.

M.D., Southwestern Medical School, 1951.

Talmage Y. Williford, Jr., *Pediatrics*.

M.D., Southwestern Medical School, 1950.

Residents in Parkland Hospital

Lewis B. Barnett, *Surgery*.

M.S., West Texas State College, 1937; M.D., Baylor, 1943.

William S. Bell, *Psychiatry*.

B.S., Texas Christian, 1947; M.D., Duke, 1951.

Maurice S. Birbari, *Urology*.

B.A., American University of Beirut, 1943; M.D., Southwestern Medical College, 1948.

George M. Boswell, Jr., *Orthopedic Surgery*.

B.S., Texas Technological College, 1940; M.D., Southwestern Medical College, 1948.

E. C. Brown, *Surgery*.

B.A., Hardin-Simmons, 1947; M.D., Southwestern Medical School, 1951.

David S. Buell, *Neuropsychiatry*.

B.A., Texas, 1947; M.D., Tulane, 1951.

Robert G. Campbell, *Obstetrics-Gynecology*.

M.D., Southwestern Medical College, 1947.

George Richard Davis, *Surgery*.

B.A., Minnesota, 1940; M.D., 1943.

Warren F. Dixon, *Obstetrics-Gynecology*.

B.A., Princeton, 1942; M.D., Northwestern, 1951.

Leonard J. Flohr, *Internal Medicine*.

B.S., Marshall College, 1942; M.D., Medical College of Virginia, 1945.

James Henry Goodson, *Obstetrics-Gynecology*.

B.S., Agricultural and Mechanical College of Texas, 1946; M.D., Southwestern Medical School, 1951.

Paul Hill Goodman, *Radiology*.

M.D., Tennessee, 1941.

Rawson F. Hosmer, *Obstetrics-Gynecology*.

B.A., Michigan, 1930; M.D., Southern California, 1936.

Ben K. Howard, *Obstetrics-Gynecology*.

M.D., Southwestern Medical College, 1947.

C. Richard Jernigan, *Surgery*.

M.D., Southwestern Medical College, 1948.

Robert L. Johnson, Jr., *Internal Medicine*.

B.S., Southern Methodist, 1947; M.D., Northwestern, 1950.

Jerold D. Kethley, *Surgery*.

B.S., McMurry College, 1938; M.D., Southwestern Medical School, 1950.

Nathan Kleban, *Internal Medicine*.

B.A., Trinity University, 1946; M.D., Southwestern Medical College, 1949.

Maurice V. Korkmas, *Obstetrics-Gynecology*.

M.D., Texas, 1951.

Nellie Ryan Luhn, *Anesthesiology*.

B.A., Mount Holyoke College, 1947; M.D., Tufts College, 1951.

Forrest E. Lumpkin, Jr., *Surgery*.

B.A., Texas, 1942; M.D., Jefferson Medical College, 1946.

David C. Miesch, *Internal Medicine*.

M.D., Texas, 1951.

Donald E. McGuire, Jr., *Obstetrics-Gynecology*.

B.S., Michigan, 1949; M.D., 1951.

Grover C. Nabors, *Obstetrics-Gynecology*.

B.S., Presbyterian College, 1943; M.D., Bowman Gray Medical School, 1946.

Arthur G. Nelson, *Surgery*.

B.S., Louisiana Technical College, 1944; M.D., Southwestern Medical College, 1948.

Millard W. Nobles, *Radiology*.

B.S., West Texas State College, 1938; M.D., Baylor, 1942.

Alvin D. Sears, *Radiology*.

B.B.A., Texas, 1943; M.D., Southwestern Medical School, 1951.

George T. Shires, *Surgery*.

B.S., Texas, 1944; M.D., Southwestern Medical College, 1948.

Eldon K. Siebel, *Thoracic Surgery*.

M.D., Southwestern Medical College, 1944.

William F. Stapp, *Pathology*.

B.S., Loyola University of the South, 1943; M.D., Marquette, 1951.

Mary Booth Steward, *Anesthesiology*.

M.D., Southwestern Medical College, 1949.

William M. Strickland, Jr., *Surgery*.

B.S., Texas Christian, 1948; M.D., Southwestern Medical School, 1951.

John Stuart, *Obstetrics-Gynecology*.

M.D., Tennessee, 1945.

Dan R. Sutherland, *Surgery*.

B.S., Agricultural and Mechanical College of Texas, 1943; M.D., Tennessee, 1949.

A. I. Urgancioglu, *Internal Medicine*.

B.S., Kabatas Lisesi, 1942; M.D., Istanbul, 1948.

Theodore P. Votteler, *Surgery*.

M.D., Tulane, 1951.

George H. Wahle, Jr., *Pathology*.

B.S., Idaho, 1947; M.D., Southwestern Medical School, 1951.

Elgin W. Ware, Jr., *Urology*.

B.S., Southern Methodist, 1945; M.D., Southwestern Medical College, 1946.

Residents in Methodist Hospital of Dallas

Larry A. Arnsperger, *General Surgery*.

B.S., Kansas, 1947; M.D., 1949.

Abraham R. Best, *Internal Medicine*.

M.D., Leiden, Holland, 1931.

William J. Bell, *Obstetrics-Gynecology*.

B.A., Mississippi, 1948; M.D., Vanderbilt, 1951.

Charles W. Coussons, *General Surgery*.

M.D., Texas, 1944.

Warren Field Dixon, *Obstetrics-Gynecology*.

B.A., Princeton, 1942; B.M., Northwestern, 1950; M.D., 1951.

Elmer A. Jones, *General Surgery*.

M.D., Tennessee, 1946.

Jen Lung Lu, *General Surgery*.

M.D., Aurora, China, 1947.

Juan E. Martin, *Internal Medicine*.

M.D., Arkansas, 1949.

Robert Verheecke, *Obstetrics-Gynecology*.

M.D., Louvain, Belgium, 1948.

Residents in St. Paul's Hospital

Cenon Baltazar, *Surgery*.

M.D., Santo Tomas, 1951.

Francisco Buenaventura, *Obstetrics-Gynecology*.

M.D., Santo Tomas, 1951.

Patric Chauhan, *Surgery*.

M.D., King Edward Medical College, 1947.

Alpaytac Esat, *Internal Medicine*.

M.D., Istanbul, 1949.

- Juan Espinel, *Surgery*.
M.D., Colombia, 1944.
- J. T. Gilmore, *Pediatrics*.
M.D., Baylor, 1943.
- Ulysses Gonzalez, *Internal Medicine*.
M.D., Santo Tomas, 1951.
- Virgilio Gonzalez, *Pathology*.
M.D., Santo Tomas, 1951.
- Sixto Guiang, *Pediatrics*.
M.D., Santo Tomas, 1951.
- Ali Isigigur, *Internal Medicine*.
M.D., Istanbul, 1937.
- Joanna Kozlowski, *Internal Medicine*.
M.D., Dusseldorf, 1949.
- Fe M. Ladrado, *Pediatrics*.
M.D., Santo Tomas, 1951.
- Lincoln K. W. Luke, *Surgery*.
M.D., St. John's University, 1949.
- Gudelia Padlan, *Obstetrics-Gynecology*.
M.D., Santo Tomas, 1937.
- Miranjan Pradhan, *Radiology*.
M.D., Shi Ram Chandra Bhanj, 1949.
- Ananda Prasad, *Pathology*.
M.D., Patna, 1951.
- Aryabala Prasad, *Obstetrics-Gynecology*.
M.D., Patna, 1951.
- Para D. Santiago, *Pediatrics*.
M.D., Santo Tomas, 1937.

RESIDENTS IN VETERANS ADMINISTRATION HOSPITAL DALLAS, TEXAS

- Jack O. Alexander, *Urology*.
M.D., Baylor, 1948.
- Richard E. Block, *Internal Medicine*.
B.A., Texas, 1943; M.D., 1947.
- Roy W. Brown, *General Surgery*.
M.D., Loyola, 1945.
- Clyde E. Chaney, *General Surgery*.
M.D., Tennessee, 1942.
- Guy K. Driggs, *Orthopedic Surgery*.
M.D., Maryland, 1946.
- C. G. Falke, *General Surgery*.
M.D., Southwestern Medical School, 1950.
- Alexander M. Finlay, Jr., *Radiology*.
B.A., Louisiana Polytechnic Institute, 1940; M.D., Texas, 1950.
- Frank B. Gooch, Jr., *General Surgery*.
B.S., Rice Institute, 1939; M.D., Tulane, 1945.
- Anthony J. Grieco, *Internal Medicine*.
M.D., Virginia, 1951.
- Albert H. Keene, *Radiology*.
M.D., Baylor, 1944.
- Lawrence P. Kleuser, Jr., *Orthopedic Surgery*.
M.D., Texas, 1947.
- Martha S. Meredith, *Pathology*.
B.S., Pittsburgh, 1946; M.D., 1947.
- C. Spencer Meredith, III, *General Surgery*.
B.S., Southwestern, 1943; M.D., Texas, 1947.

Thomas G. Price, *Pathology*.

B.A., Texas, 1943; M.D., 1947.

Marion M. Ricketts, *Ophthalmology*.

B.S., Illinois, 1936; M.D., 1938.

Elliott W. Strauss, *Internal Medicine*.

B.A., Columbia, 1943; M.D., New York, 1949.

Bruce E. Toppin, *General Surgery*.

B.A., Earlham College, 1940; M.D., Virginia, 1950.

John E. Yelle, *General Surgery*.

B.A., Assumption College, 1942; M.D., Boston, 1945.

RESIDENTS IN VETERANS ADMINISTRATION HOSPITAL McKINNEY, TEXAS

Joseph A. Bergan, *General Surgery*.

B.S., Notre Dame, 1942; M.D., Loyola, 1945.

Willis J. Bray, Jr., *Orthopedic Surgery*.

B.S., Missouri State Teachers College, 1933; M.D., Southwestern Medical School, 1950.

Arnold L. Brown, *Thoracic Surgery*.

B.A., Texas, 1938; M.D., 1942.

Robert E. Carr, *Thoracic Surgery*.

B.A., Atlantic Christian College, 1938; M.D., Medical College of Virginia, 1943.

Frank W. Clark, *General Surgery*.

B.A., Southeastern State College, 1938; B.S., 1947; M.D., Oklahoma, 1951.

Ben C. Claunch, *Internal Medicine*.

M.D., Southwestern Medical School, 1951.

Landon A. Colquitt, *General Surgery*.

B.A., Texas, 1947; M.D., 1950. (Resigned September 30, 1952.)

Francis C. Douglas, *Internal Medicine*.

B.S., Baylor, 1946; M.D., Southwestern Medical College, 1946.

William C. Francis, *Orthopedic Surgery*.

M.D., Loyola, 1946.

James L. German, *Tuberculosis*.

B.S., Louisiana Polytechnic Institute, 1943; M.D., Southwestern Medical College, 1949.

James E. Goode, *Internal Medicine*.

M.D., Tulane, 1948.

Charles L. Green, *Pathology*.

B.S., Southern Methodist, 1949; M.D., Southwestern Medical School, 1950.

Ernest J. Gregory, Jr., *General Surgery*.

B.S., Baylor, 1948; M.D., 1951.

Richard G. Hamill, *Orthopedic Surgery*.

B.S., New Mexico College of Agriculture and Mechanic Arts, 1939; M.D., Tulane, 1943.

Lauren D. Harris, *Internal Medicine*.

M.D., Southwestern Medical School, 1951.

Robert V. Horan, *General Surgery*.

B.S., Wake Forest College, 1941; M.D., Bowman Gray Medical School, 1944.

John M. Jones, *Internal Medicine*.

B.A., Texas Christian, 1936; M.D., Southwestern Medical College, 1946.

Theodore A. Koerner, *Pathology*.

B.A., Texas, 1935; M.A., Wisconsin, 1939; M.D., Pennsylvania, 1943.

Charles B. Laramore, *Internal Medicine*.

M.D., Southwestern Medical School, 1951.

Ernest N. Lerner, *Internal Medicine*.

M.D., Louisiana State, 1946.

Louis W. Lewis, *Anesthesiology*.

B.A., Occidental College, 1944; M.D., Southwestern Medical School, 1950.

Harriette L. Livingston, *Internal Medicine*.

B.A., Colorado, 1946; M.D., Washington, 1950.

Shields O. Livingston, *General Surgery*.

B.A., Central Missouri State College, 1940; B.S., 1946; M.D., Washington, 1950.

Robert M. Lockwood, *Radiology*.

M.D., Pennsylvania, 1945.

Robert S. Meador, *Tuberculosis*.

B.S., Arkansas, 1946; M.D., Southwestern Medical College, 1948.

William L. Moffat, *General Surgery*.

M.D., Tennessee, 1946.

Joseph C. Ogle, *Internal Medicine*.

M.D., Tulane, 1948.

Billy B. Oliver, *Internal Medicine*.

B.A., East Texas State Teachers College, 1942; M.D., Southwestern Medical College, 1945.

Rupert H. Pate, *General Surgery*.

B.A., Hardin-Simmons, 1939; M.D., Baylor, 1943.

Leslie W. Ralston, *Radiology*.

M.D., Southwestern Medical College, 1949.

Noah H. Range, *General Surgery*.

M.D., Tulane, 1946.

Ray D. Reed, *Pathology*.

B.A., Texas, 1945; M.D., Southwestern Medical College, 1949.

Wilma F. Shields, *Pathology*.

B.A., Washington, 1939; M.D., 1943.

Charles E. Strickland, Jr., *Internal Medicine*.

B.S., New Mexico College of Agriculture and Mechanic Arts, 1947; M.D., Southwestern Medical School, 1951.

William N. Viar, *General Surgery*.

M.D., Southwestern Medical School, 1951.

Jack Wiles, *Urology*.

B.S., Temple, 1943; M.D., Southwestern Medical School, 1950.

Nelson J. Yoder, *Anesthesiology*.

B.A., Pennsylvania State College, 1942; B.S., 1946; M.D., Temple, 1951.

GENERAL

HISTORY

Under the leadership of Dr. Edward H. Cary, a group of prominent citizens of Dallas organized the Southwestern Medical Foundation in 1939 to promote medical education and research in Dallas and the entire Southwest. After an initial period of furthering the purposes of the Foundation in co-operation with Baylor Medical College and after the announcement of the immediate removal of Baylor to Houston, the Southwestern Medical College was formally established in 1943.

With a nucleus of students and faculty members who preferred to remain in Dallas, the Foundation, aided by the generosity of both the City of Dallas and the City-County Hospital System, obtained the use of a public school building until temporary buildings could be erected on the Parkland Hospital site. The difficult and seemingly impossible task of obtaining high-ranking priority materials, supplies, and equipment for operating an accredited medical school from the stores of a nation at war was successfully performed. This was evidenced by the fact that the Council on Medical Education and Hospitals of the American Medical Association and the Association of American Medical Colleges placed the Southwestern Medical College on the fully approved list of accredited medical schools in 1944.

The citizens of Dallas and the Southwest subscribed funds for operating expenses, land for a building site, and a permanent building. When a new state medical school was proposed, the Foundation envisioned the possibilities of a still greater medical center for Texas and offered the equipment of the College, its library, and certain restricted funds to The University of Texas, provided the University would locate a medical branch in Dallas. After approval of the establishment of a new medical branch of The University of Texas by the Texas Legislature, the Board of Regents, upon the recommendation of the House of Delegates of the Texas Medical Association, accepted this offer of the Foundation. Thus, the College, in full operation, became The Southwestern Medical School of The University of Texas in September, 1949, and its policies are now guided by the Board of Regents of The University of Texas. The Basic Science Building on the new campus site is under construction and will be completed in the fall of 1954. More permanent buildings are hoped for in the very near future. The Foundation, working in co-operation with the Board of Regents of The University of Texas, plans to continue to promote medical education and research.

LABORATORIES AND HOSPITAL FACILITIES

Laboratories, classrooms, offices, animal quarters, and research facilities are housed in temporary buildings west of Parkland Hospital at 2211 Oak Lawn Avenue, pending completion of the new building on Harry Hines Boulevard. The temporary buildings provide teaching space for the preclinical courses as well as research laboratories for both the preclinical and clinical faculty. The Medi-

cal Art Department, auditorium, library, and additional research laboratories are housed in the immediate vicinity.

The Medical School is advantageously situated in that it has the generous co-operation of the many hospital facilities of the city and vicinity. Among these, the following facilities are utilized in the teaching program of the School.

**Parkland Hospital* is jointly controlled by the City and County of Dallas and has a capacity of 416 beds. All the clinical facilities of this hospital and its dispensary are available to the Medical School throughout the entire year. Located on property adjoining the School, the entire facilities afford many varied and interesting cases which are used for the instruction of students. A new City-County Memorial Hospital, with a capacity of 678 beds, is now under construction on a site immediately adjoining the new medical school campus. Memorial Hospital, when completed in the fall of 1954, will become the principal teaching hospital of the Southwestern Medical School of The University of Texas.

**Parkland Hospital Clinic* occupies the first two floors and part of the third floor of the south wing of the hospital building. This outpatient department is designed to care for the indigent patients of Dallas County who do not require hospitalization. The great majority of the indigent patients are registered in the outpatient clinic. In the past four years there have been approximately 65,000 patient visits yearly. All patients are available for teaching purposes.

The outpatient clinic is divided into the following services: Social service department, laboratory, and the departments of medicine, surgery, obstetrics, gynecology, urology, cystoscopy, orthopedics, otolaryngology, ophthalmology, dermatology and syphilology, pediatrics, proctology, neuropsychiatry, tumor clinic, and the medical specialties of allergy, diabetes, endocrinology, cardiology, gastroenterology, and chest diseases. In addition to its regular service, Parkland Hospital operates an emergency clinic which cares for approximately 42,000 patient visits yearly.

The students are required to record the history, do complete physical examinations, recommend diagnostic and therapeutic measures, and do minor surgical procedures. The activities of the students are under the supervision of a clinical instructor who is present in each outpatient clinic. The patients are followed in the clinic to determine the results of treatment. This is made a part of the permanent record.

The unit record system is employed in this hospital. This combines the hospital chart and clinic record. Those patients who require complicated diagnostic procedures are admitted to the hospital. The student follows the patient's progress in the hospital as well as in the outpatient clinic.

The senior class is divided into small sections, and by rotation each section has a service in each outpatient department.

**The Dallas Syphilis and Venereal Disease Clinic* is housed in part of the outpatient wing in Parkland Hospital. It was primarily designed as a diagnostic and treatment center for all venereal diseases and serves this func-

* Dallas City-County Hospital System.

tion by treating approximately 75 patients per day. Approximately 4,000 new patients are admitted each year. Students are instructed in the clinic.

**Woodlawn Hospital* is used exclusively for the care and treatment of tuberculous patients. The hospital has a capacity of 100 beds and affords facilities for the demonstration of all stages and types of the disease as well as the various methods of treatment.

**The Dallas County Convalescent Hospital* with 135 beds affords care and treatment for chronic diseases of the aged and infirm. Its origin dates back to the original infirmary established in 1887, which was in constant use up to 1941 when the present unit was constructed.

Baylor University Hospital with its 753 beds provides, in co-operation with the Medical School, an excellent medical and surgical service for third- and fourth-year students. This service includes clinical clerkship, ward rounds, special training in medical specialties and in anesthesiology, surgical pathology, orthopedics and neurosurgery.

Florence Nightingale Lying-In Hospital is an adjunct to the main plant of Baylor University Hospital and is operated by that system. It furnishes specialized maternity care to private patients.

The Methodist Hospital is operated by the North Texas Conference of the Methodist Church and is able to serve the general public with its capacity of 370 beds. It also co-operates with the Medical School in offering its clinics and wards for clinical teaching purposes.

St. Paul's Hospital, founded by the Sisters of Charity, is one of the oldest in the city and has facilities for the operation of a 425-bed institution. It makes available teaching facilities for the training of third- and fourth-year students, especially on the medical wards.

The Children's Medical Center is a group of hospitals giving pediatric care to the children of Texas. Their operation is directed by a common advisory board, with a rotating house staff, and the entire group is coordinated with each other and with the Medical School through its Professor and Chairman of the Department of Pediatrics. The combined capacity of beds totals 243, including bassinets, and there are approximately 3,500 outpatient cases monthly in all departments. Parkland Hospital co-operates in this group service and shares its pediatric, newborn, and contagious disease sections with the Children's Center.

†*Bradford Memorial Hospital for Babies* has a capacity of 52 beds and furnishes treatment and care to indigent children as well as to private cases under two years of age. With a total of approximately 1,500 admissions per year, its facilities offer excellent teaching material for students.

†*Children's Hospital for Texas* furnishes care and treatment for children of the State up to the age of 14 years. There are 52 beds available, with approximately 1,800 admissions yearly. Ample clinical material is available for student teaching.

†*Dallas Child Guidance Clinic* is a preventive and treatment center for mental hygiene problems of children.

*Dallas City-County Hospital System.

†Children's Medical Center.

†*Freeman Memorial Clinic* furnishes outpatient treatment for children up to fifteen years of age. There are approximately 35,000 outpatient visits yearly.

†*Hope Cottage Foundling Home and Well-Baby Clinic* extends custodial and medical care to dependent babies. There are 59 beds with about 120 admissions each year.

†*O'Connor Hospital for Tuberculous Children*, with a capacity of 51 beds, has recently become a member institution of the Children's Medical Center.

†*Texas Scottish Rite Hospital for Crippled Children*, owned and operated by the Masonic bodies of Texas, has a capacity of 65 beds with approximately 690 admissions and 4,000 examinations yearly. This hospital affords a varied and interesting group of orthopedic cases which are available for teaching in the clinical years.

The Veterans Administration Hospitals located at Dallas and McKinney, providing approximately 1,000 beds, make all of their clinical facilities available to the teaching program of the School. The Veterans Hospital at Waco and the Clinic at the Veterans Regional Office in Dallas join in the program and are included in the Dean's Committee Plan for the four affiliated Veterans Hospitals and Clinic.

LIBRARY

The Medical Library, organized in 1943, now contains 28,000 volumes and receives currently over 700 domestic and foreign serial publications. The Library is located at 3707 North Harwood Street.

Gifts of books and journals from private libraries served as the nucleus around which the library has grown to its present size. Through the mediums of purchase, gift, and exchange, efforts are being made to acquire a well-rounded collection of books and to complete files of journals recognized as indispensable to medical research. Among many contributions, special funds have been provided by the Grigsby Estate, the Laurence S. Kahn Memorial Fund, and the Mrs. Ruth H. Anderson Fund.

In 1949 the New York Academy of Medicine donated to The Southwestern Medical School 12,000 volumes—the larger portion of a gift of 20,000 volumes received by the New York Academy of Medicine from the New York Public Library. They represent the original collection of medical books accumulated by the New York Public Library during the nineteenth century when Dr. John Shaw Billings, earlier noted for his association with the Army Medical Library, was connected with the New York institution.

Library service is available from 8 A.M. to 10 P.M., Monday through Friday; from 8 A.M. to 6 P.M. on Saturday; and from 2 to 5 P.M. on Sunday. Class instruction in using the library is given to freshmen, and individual instruction is given as needed to doctors using the library.

STUDENT LOAN FUNDS

The following student loans funds are available in the Southwestern Medical School of The University of Texas. Application is submitted to the Dean with a letter of recommendation from a department head. Interest is computed at the

†Children's Medical Center.

rate of 3% per annum on all funds except the Tinsley R. Harrison Loan Fund No. 2, which carries an interest rate of one-fourth of 1% per annum.

The Tinsley R. Harrison Loan Fund No. 1.—Mr. Samuel A. Levine donated a loan fund as a token of his esteem for Dr. Tinsley R. Harrison, formerly Chairman of the Department of Medicine. This fund is for the use of needy and worthy students and is to be assigned under the direction of the Dean.

The Tinsley R. Harrison Loan Fund No. 2.—The trustees of the Hoblitzelle Foundation authorized a grant to be made to seniors to enable worthy students who would not otherwise be able to do so to undertake postgraduate training.

Kellogg Loan Fund.—The W. K. Kellogg Foundation has allotted to The Southwestern Medical School the sum of \$10,000 to be used for loans to medical students of all classes.

Montgomery Loan Fund.—This fund was donated to The Southwestern Medical School to be used as a loan fund for deserving students in need of financial assistance. It is available to students of all classes.

The Student Loan Fund of Southwestern Medical School of The University of Texas.—This fund was donated for the use of needy students of all classes in Southwestern Medical School, under the following stipulations:

"1. That funds shall be used to assist students in completing a part or all of their medical education in Southwestern Medical School of the University of Texas.

"2. That loans from such fund shall be made only upon the recommendation of a faculty committee appointed by the Dean of the Medical School.

"3. That the fund shall be deposited in a local bank and designated as a special account known as the Student Loan Fund of the Southwestern Medical School of the University of Texas, withdrawals therefrom being made only upon the signatures of the Vice-President (Dean) and Business Manager of Southwestern Medical School of the University of Texas or such other officials as might be designated by the Board of Directors of the University of Texas.

"4. That a loan to any student in Southwestern Medical School of the University of Texas from such fund shall be made only upon the execution of a note by the student agreeing to repay such loan, together with simple interest at the lowest prevailing rate per annum, to the Dallas Student Loan Fund within a period of ten years following graduation.

"5. That Southwestern Medical School of the University of Texas shall use reasonable diligence in securing the repayment of such loans made to students in the above named school from the Dallas Student Loan Fund but, in event it is determined after the exercise of reasonable diligence that collection of such loans to students cannot be effected, neither the Southwestern Medical School of the University of Texas nor any official thereof or official or Regent of the University of Texas shall be held responsible except for dishonesty, and any losses that might be so incurred shall be deducted from the corpus of the fund.

"6. That any interest earned upon such fund shall be added to the corpus of this loan fund, and the Southwestern Medical School of the University of

Texas will accept additional funds to be placed in this particular student loan fund when and if such funds might be offered for uses as herein set out.

"7. That, should the need for this student loan fund cease to exist, the disposition of the funds shall be determined by the trustees of said funds."

The W. Lee Hart Loan Fund.—This fund is available to needy and worthy students, at the discretion of the Dean.

THE MINNIE L. MAFFETT FELLOWSHIP

"The Texas Federation of Business and Professional Women's Clubs sponsors the Minnie L. Maffett Fellowship to aid women in either graduate study or research. To be eligible for this award an applicant must be a woman graduate of a Texas medical college or, in the event that the funds are available and there is no applicant as per above, the Committee may at their discretion consider a woman who has taken a Ph.D. degree from The University of Texas and who is doing research in a medical field. Applications should be addressed to: The Texas Federation of Business and Professional Women, 809 Burkburnett Building, Fort Worth, Texas."

ORGANIZATIONS AND AWARDS

THE HO DIN

On May 5, 1943, the Trustees of the Southwestern Medical Foundation authorized the establishment of an award to symbolize the fundamental concept on which the College was to be based. This award is The Ho Din, which signifies the spirit of human understanding and medical wisdom, and constitutes the highest honor which the Foundation can bestow.

On request of the Trustees of the Foundation, the faculty of The Southwestern Medical School may recommend not more than three members of each graduating class who, in their opinion, most nearly exemplify the personal attributes which define The Ho Din. The award is based entirely on the recognition of personal qualities embodied in all great physicians, and is in no way dependent upon scholastic standing.

ALPHA OMEGA ALPHA

Gamma Chapter of Texas of Alpha Omega Alpha, national medical honor society, was installed at Southwestern Medical School in November, 1950. A small number of students in the upper portions of the junior and senior classes are eligible for election to membership. Selection is based upon high academic standing, moral character, and promise of future contribution to the field of medicine.

STUDENT AMERICAN MEDICAL ASSOCIATION

The Student American Medical Association maintains a chapter at The Southwestern Medical School. This organization is designed to promote the high principles and ideals of the medical profession. The local chapter sponsors scientific programs especially designed to be of interest and benefit to the members, and maintains liaison with the local and state, as well as the national, medical associations.

FRATERNITIES

Several national medical fraternities maintain chapters at Southwestern Medical School.

THETA KAPPA PSI FRATERNITY PLAQUE

The Theta Kappa Psi Fraternity sponsors the recognition of high scholarship by making known each year the name of the first-year student who achieves the highest average in his class. For this purpose, they have provided a plaque which is on display and each year the name of the recipient is engraved thereon.

LECTURESHIPS

EDWARD H. CARY LECTURESHIP

As a tribute to Dr. Edward H. Cary, founder and president of the Southwestern Medical Foundation, the Trustees voted in 1943 to sponsor Edward H. Cary Lectureships. By this plan, each year a number of outstanding scientists are brought to Dallas to deliver Edward H. Cary Lectures to the student body and the medical profession of Dallas and the Southwest.

PHI BETA PI ANNUAL LECTURESHIP

An outstanding feature of the school calendar each year is the Annual Lecture sponsored by the Phi Beta Pi medical fraternity. Members of the Dallas County Medical Society and the faculty and student body are invited to hear a speaker who is well known and recognized in the medical profession.

PHI CHI ALUMNI LECTURESHIP

Each scholastic year a lecture for the Medical School student body and faculty is sponsored by the Phi Chi medical fraternity and Phi Chi alumni. The medical profession of the area and interested public are invited to attend.

SIGMA XI LECTURESHIP

Each year The Southwestern Medical School Sigma Xi Club (Scientific Research Society of America) sponsors one public lecture by an outstanding American scientist. In addition, a variable number of programs by local members are scheduled throughout the year. These are also open to those interested in scientific research.

LIVING ARRANGEMENTS

The Southwestern Medical School does not furnish living quarters for its students. Housing is an individual matter and each student must make his own arrangements. The fraternities have houses which accommodate most of their members with room and board. The neighborhood has many apartment and boarding houses, but competition is still keen enough to make early efforts necessary.

STUDENT HEALTH SERVICE

The Student Health Service is established to maintain and promote health among the students in The Southwestern Medical School of The University of Texas.

The benefit of the Health Service, as specified below, become available to students as soon as they have paid their fees to the Business Office and terminate at midnight of the day ending the academic session or course, provided that all holdover patients in the hospital shall be cared for by the Student Health Service, subject to the following regulations. The benefits of the Student Health Service automatically terminate with the student's withdrawal from School. Students who are making up work during the summer are not covered by Health Service. See number 6 below.

Services.—The following services are rendered by the Student Health Service (subject to restrictions specified below) :

1. Before entering school all students are required to submit a record of satisfactory vaccinations as follows: (a) smallpox, within the last three years; (b) typhoid-paratyphoid fever, within the last three years; (c) tetanus toxoid, within the last three years, unless evidence of sensitivity is presented. Booster shots are recommended and will be offered for *b* and *c*.

2. The students will be given Schick tests. It is necessary that these tests show immunity against diphtheria and positive reactors will be immunized. If the student wishes, this may be done before entrance into medical school.

3. Every student will be given an examination by members of the staff upon first entering medical school and will be re-examined as often as necessary for the following reasons:

- a. To avoid contagion.

- b. To obtain records of physical condition of students. *The medical school does not assume responsibility for the expense involved in the care and treatment of defects and diseases existing upon entrance.* (See 6 below).

4. Student Health Service physicians may be consulted during office hours. Consultation with other members of the medical staff will be arranged when necessary, or when desired on the part of the student.

5. House calls will be made only in case of emergency.

6. Hospitalization will be provided through the purchase by the School for the student of a membership in a special students' group in Group Hospital Service, Inc. This membership provides ward service in participating hospitals. The slight additional cost of private-room care will be paid individually by the student unless private-room care is ordered by the Health Service. Benefits of this membership can be kept in effect through the summer if the student pays an extra fee to Group Hospital Service, Inc., through the Business Office of the School.

7. Routine clinical laboratory and other diagnostic pathological examinations are furnished.

8. Diagnostic X-ray examinations are furnished.

9. Tuberculosis Control. All students will be given tuberculin tests upon admission to school. Students will be required to have two chest X-ray examinations each year. BCG vaccine will be optional to those students with negative tuberculin reactions. Negative reactors will be retested at yearly intervals or oftener. Those who convert to a positive test without BCG will be required to have chest X-rays at more frequent intervals than other students. Negative reactors will not be assigned to tuberculosis services.

10. The Health Service staff should be called in the event of an emergency even if the patient is taken to the emergency room of Parkland Hospital. Such services at Parkland Hospital will be paid by Health Service only if authorized by the Health Service staff.

11. Necessary drugs will be furnished without cost to the student when prescribed by a member of the Health Service staff.

12. The following services are not furnished:

- a. Eye-glasses.
- b. Dental care.
- c. Ambulance service.
- d. Special appliances of any kind.

Attention is especially called to the fact that no student is required to patronize a staff physician. Any student may choose at his own expense any other physician he may desire. Furthermore, he may have another physician and still be entitled to the benefits outlined under 6, 7, 8, and 11 above, provided no account be entered against the Student Health Service except by permission of its Director. The Health Service accepts neither professional nor financial responsibility for students who do not follow the advice of its staff.

Records.—The Health Service keeps medical histories and records of all students. Requests for information concerning the physical condition of any student should be addressed to the Dean of The Southwestern Medical School.

ADMISSION

REQUIREMENTS FOR ADMISSION

Scholastic preparation for the study of medicine should include two types of intellectual discipline: the first in the humanities, including English composition and literature, foreign language, history, philosophy, and the social sciences; the second in the sciences, including mathematics, chemistry, physics, and biology. It is wise for the prospective medical student to have as broad a concept of human relations as possible and to be well-trained in the basic sciences in order to maintain the best traditional standards of the medical profession. The effective study of medicine requires maturity of judgment and considerable scholarly background.

None but *bona fide* residents* of the State of Texas are acceptable for admission to the first-year class. Residence in Texas for pre-medical work does not satisfy the *bona fide* residence requirement.

*Nonresident students, defined: Pursuant to the authority granted by the Fiftieth Legislature in House Bill No. 507, the Board of Regents has adopted the following nonresident regulations:

1. A nonresident student is hereby defined to be a student of less than twenty-one (21) years of age, living away from his family and whose family resides in another state, or whose family has not resided in Texas for the twelve (12) months immediately preceding the date of registration; or a student of twenty-one (21) years of age or over who resides out of the State or who has not been a resident of the State twelve (12) months subsequent to his twenty-first birthday or for the twelve (12) months immediately preceding the date of registration.

2. The term "residence" means "legal residence" or "domicile"; and the term "resided in" means "domiciled in."

3. The legal residence of one who is under twenty-one (21) years of age is that of the father. Upon death of the father, the legal residence of the minor is that of the mother. Upon divorce of the parents, the residence of the minor is determined by the legal residence of the person to whom custody is granted by the court until the minor shall have reached the age of fourteen. After the minor has attained the age of fourteen, the residence of the minor shall be determined by the residence of the parent with whom the minor has made his home for the twelve months immediately preceding his registration. If the custody of the minor has been granted to some person other than a parent, the residence of that person shall continue to control for so long as the minor actually makes his home with such person. In the absence of any grant of custody, the residence of the parent with whom the minor has made his home for the twelve months immediately preceding his registration shall govern. If the minor has not made his home with either parent, the residence of the father shall control.

4. A student under twenty-one (21) years of age shall not be classified as a resident student until his parent shall have maintained legal residence in this State for at least twelve (12) months. A student under twenty-one (21) years of age whose parent leaves the State and establishes legal residence in another State shall be classified as a nonresident student. It shall be the responsibility and duty of the student to submit legal evidence of any change of residence.

5. All individuals who have come from without the State of Texas and who are within the State primarily for educational purposes are classified as nonresidents. Registration in an educational institution in the State is evidence that residence is primarily for educational purposes even though such individuals may have become qualified voters, have become legal wards of residents of Texas, have been adopted by residents of Texas, or have otherwise attempted to establish legal residence within the State.

6. The residence of a wife is that of her husband; therefore, a woman resident of Texas who marries a nonresident shall be classified as a nonresident and shall pay the nonresident

Men and women are admitted to the Medical School on equal conditions. Candidates for admission must be at least 18 years of age, and each candidate less than 21 years old must present a written statement from a parent or guardian giving permission to attend medical school. Applicants should submit the following: A formal application (blanks may be obtained from the Registrar's Office); full scholastic records and letters of honorable discharge from colleges previously attended; a health certificate from a licensed physician; a \$5.00 filing fee (certified check or money order); two recent, unmounted photographs, size 2 inches x 2 inches; and recommendations from the premedical advisory committee or the dean and two professors of the college or university attended for premedical study.

The Medical College Admission Test prepared by the Educational Testing Service *must be taken* by the applicant before the Committee on Admissions will act on an application. The test is frequently offered at premedical training centers by the Association of American Medical Colleges. Scores on the old Medical Aptitude Test, taken prior to January, 1947, are not acceptable in satisfaction of this requirement.

Entering freshmen will be given a physical examination by members of the staff. Physical examinations may be made subsequently at the beginning of each academic session or when requested.

Selection of applicants is made by the Committee on Admissions well in advance of the opening session for the next entering class. Application for admission should be made to the Registrar of The Southwestern Medical School of The University of Texas as soon as the applicant is qualified, and normally between October and the following February. This may be possible

fee for all semesters subsequent to her marriage. (Exception: A woman student of The University of Texas who is classified as a resident student and who marries, while a student, a nonresident student of the University shall be permitted to continue to pay the resident fee for the two long-session semesters immediately following her marriage. A nonresident woman student who marries a resident of Texas is entitled to be classified immediately as a resident student and is entitled to pay the resident fee for all subsequent semesters.

7. All aliens shall be classified as nonresident students except that an alien who has applied for naturalization in the United States and has received his first citizenship papers shall have the same privilege of qualifying as a resident student as a citizen of the United States. The twelve (12) months' residence required to establish the status of a resident shall not begin until after such first citizenship papers have been issued to the alien.

8. Members of the Army, Navy, or Marine Corps of the United States who are stationed in Texas on active military duty shall be permitted to enroll their children by paying the tuition fees and charges provided for resident students without regard to the length of time such member of the Armed Service shall have been stationed on active duty within the State. This provision shall extend only during active military service in Texas; and upon such member of the Armed Service being transferred outside the State of Texas, his children shall be classified as to residence under Section One (1) of these regulations. Any student claiming the privilege of this section shall submit at each registration a statement by the commanding officer of the post or station at which his parent is on active duty verifying the fact of his parent's military status.

9. Appointment as a member of the teaching or research staffs or the holding of a fellowship, scholarship, or assistantship shall not affect a student's residence status or the tuition fee to be paid.

10. It shall be the responsibility of the student to pay the correct fee at the beginning of each semester or term for which he may register, and a penalty of five (\$5) dollars may be assessed for failure to pay the proper fee.

after the completion of sixty semester hours of premedical study, depending upon the distribution of courses completed. The Committee on Admissions will list applicants on the basis of weighted premedical scholastic performance and will call for personal interviews, beginning at the top of this list and continuing until the class and some alternates have been chosen. The freshman class is limited to one hundred students.

Admission to The Southwestern Medical School of The University of Texas requires minimum credit for ninety semester hours of college courses, including fifty-six semester hours of prescribed courses, from recognized and accredited colleges. In order to be eligible for consideration for admission to this medical school, a student must have attained a scholarship average of *C* or better in the prescribed premedical courses, listed below, that have been completed at the time of submission of the application. An applicant must also have met the admission requirements of the College of Arts and Sciences of The University of Texas.

The prescribed premedical courses are:

- (1) Twelve semester hours in English.
- (2) Twelve semester hours in biology or zoology, including three or more semester hours in comparative vertebrate anatomy.
- (3) Eight semester hours in physics.
- (4) Eight semester hours in inorganic chemistry.
- (5) Six semester hours in organic chemistry.
- (6) Four semester hours in quantitative chemical analysis.*
- (7) Six semester hours in mathematics, including college algebra and trigonometry (or analytical geometry, if desired, where trigonometry was taken in high school).

Courses in psychology, philosophy and sociology are strongly recommended.

The acceptance of courses rests with the Registrar and Dean of Admissions of the Main University. The selection of the first-year students from the applicants cleared by him is made by the Committee on Admissions of The Southwestern Medical School.

Under certain circumstances, a person possessing an advanced degree may be admitted to this medical school without having fulfilled all of the basic requirements for admission except those required by state law. Admissions on this basis will be handled individually and must be approved by action of the Chancellor and the Board of Regents.

Health requirements are stated in detail under Student Health Service.

LEGAL AND REGENTAL REQUIREMENTS FOR GRADUATION

As required by Legislative acts, students must have credit for six semester hours in American government before they can be certified for graduation from a tax-supported state educational institution of Texas with the award of a college degree. Six semester hours of American history are required of all candidates for a bachelor's degree from The University of Texas by action

*This course must include a satisfactory foundation in volumetric analysis. Whenever possible, the complete course of six or eight semester hours should be taken.

of the Board of Regents of the University. To fulfill the above requirements, students entering medical school with a bachelor's degree from another institution must present or make up three hours of American Government (Government 610a).

Students are urged to include six semester hours of American government and six semester hours of United States history among the elective subjects required for admission to this school of medicine. If the requirements in government and history are not satisfied before admission, *they must be satisfied before a student can enter the senior year in medicine.* Courses to satisfy these requirements are offered by correspondence as well as in residence at the Main University in Austin.

CHARACTER OF APPLICANTS

Socially satisfactory practice of medicine requires exceptional knowledge, judgment, skill, emotional stability, and sympathetic understanding of human relationships. It is unwise for young men and women to attempt to undertake medical training without sufficient maturity to appreciate fully what obligations are assumed in medical practice. The costs to society of medical education make it necessary to use every reasonable precaution to exclude from the study of medicine anyone not giving clear indication of approximating the ideal of the "good physician." Accordingly, careful consideration is given by the Committee on Admissions to all evidence relating to the character of applicants.

ADVANCED STANDING

When facilities permit, applications from second-year students from accredited medical colleges may be considered for advanced standing in The Southwestern Medical School of The University of Texas on presenting satisfactory certificates of having successfully completed the courses of instruction in prior sessions ordinarily covered in the medical curriculum equivalent to those offered in this school. In each case the standing of the school and the thoroughness of the courses offered will be carefully appraised and credit allowed accordingly. Credit in advanced standing may be accepted only from schools on the approved list of the Association of American Medical Colleges and the Council on Medical Education and Hospitals of the American Medical Association. Because of overcrowding in the clinical years, only exceptionally well qualified applicants for advanced standing are likely to be considered. Admission to the fourth-year class may be granted only under very exceptional circumstances. Special examinations covering course work taken elsewhere may be required of any applicant for advanced standing. This school will not give standing advanced beyond that allowed in the school previously attended. Applicants for advanced standing in this school can be considered only if they could have fulfilled the general scholastic and moral requirements for admission to the corresponding first-year class in this school, and whose previous medical training is fully satisfactory, and who are already eligible for continuing study at the medical school previously attended. Complete transcripts of premedical and medical performance must be submitted with applications, along with letters of honorable dismissal from the school

previously attended. Further information will be supplied by the Registrar of The Southwestern Medical School.

FEES AND DEPOSITS

A filing fee of \$5.00 is required of all applicants at the time application is made.

On acceptance by the School, an applicant is required to send to the Registrar of the School a certified check for \$30.00 to serve as a registration deposit. When the student matriculates, this amount is applied to the laboratory and library deposit mentioned below. The deposit is forfeited if the applicant does not register.

The laboratory and library deposit fee of \$30.00 paid at matriculation covers breakage of equipment and loss of books. Whatever balance remains is refunded to the student at graduation or on withdrawal from the School.

All fees are payable in full at the time of registration. Tuition is \$50.00 a year for residents of Texas and \$300.00 a year for nonresidents of Texas. An annual laboratory and student health fee of \$60.00 is also required of all students, and a graduation fee of \$25.00 is required of all fourth-year students. Any fourth-year student who withdraws before graduation is entitled to a refund of the graduation fee. A student who withdraws from school during the first term officially and in the prescribed manner (see p. 49) is entitled to a refund of two-thirds of the tuition; a student withdrawing during the second term is entitled to a refund of one-third of the tuition. No other fees are refundable.

OTHER EXPENSES

Microscopes.—Microscopes are essential for the work of the medical student. Each student is urged to buy a microscope, but they are available on a rental basis to students of the first- and second-year classes. The rental fee is \$15.00 a year and is not refundable. Beginning in September, 1954, all students will be required to provide microscopes for use during the four-year course. These microscopes must meet the following specifications: any standard Bausch and Lomb, American Optical, Zeiss, or Leitz microscope with coarse and fine adjustments, 10x Huygenian eyepiece, triple nose piece with achromatic 10x, 43x, and 97x objectives, mechanical stage optional, substage abbe condensor, variable focus, with N.A. 1.25, a removable mirror and fork or a substage light, and in a carrying case. The optical and mechanical systems must be in good repair and must be acceptable to the various departments.

Books and Equipment.—The costs of books and equipment essential for the student of medicine and associated fields, both undergraduate and graduate, are rather high. A student should take this into account in planning for financial support. For veterans who receive Certificates of Eligibility and Entitlement, a part of these costs will be absorbed through benefits from the Veterans Administration. Approximate costs, depending upon fluctuations in market prices and changing needs in the various curricula, are as follows:

First year, \$300.00; second year, \$135.00; third year, \$235.00; fourth year, \$70.00.

Books and equipment for the Medical Art course are: First year, \$145.00; second year, \$115.00.

INSTRUCTION

DEGREES

A combined course of study leading to the degree of Bachelor of Arts is offered on the basis of three academic years of undergraduate courses at the Main University, and the first academic year in The Southwestern Medical School at Dallas. The degrees offered by The Southwestern Medical School of The University of Texas are Doctor of Medicine and Master of Medical Art. The Medical School Faculty will not recommend the granting of a degree until all obligations of the student, academic, moral, and financial, have been satisfactorily discharged.

DEGREE OF BACHELOR OF ARTS

A student satisfactorily completing 96 semester hours of work at the Main University at Austin, and the first year in The Southwestern Medical School at Dallas may receive the degree of Bachelor of Arts, to be conferred at Austin. With this arrangement both the B.A. and the M.D. degrees may be taken in seven scholastic years. Appropriate premedical courses are: English 601 (or 1) or 601Q (or 1Q); courses 406 and 407 in a foreign language (preferably French or German); six semester hours of mathematics, including algebra; Chemistry 801; Biology 607 (or 7); six semester hours of sophomore English; three additional semester hours in the foreign language taken previously; Chemistry 810; Physics 801; Zoology 314 and 317K; Chemistry 812; Government 610 (or 10); Economics 312 or 313; Zoology 320 and 321; History 615 (or 15); elective, enough to make the total requirement of ninety-six semester hours. Students must satisfy special requirements as established for the general Bachelor of Arts degree, and as described in the College of Arts and Sciences catalogue.

DEGREE OF DOCTOR OF MEDICINE

The degree of Doctor of Medicine is awarded upon the satisfactory completion of twelve terms of regular instructional courses of twelve weeks each in the Medical School, ordinarily in four academic sessions. Candidates must (1) be *at least 21 years of age* at the time the degree is to be awarded; (2) present evidence of good moral character; (3) offer satisfactory evidence of having properly fulfilled all academic requirements of the medical curriculum, and (4) comply with all necessary legal and financial requirements.

DEGREE OF MASTER OF MEDICAL ART

Graduate study leading to the degree of Master of Medical Art is offered at The Southwestern Medical School on an individual basis by approval prior to the beginning of such work.

The Admissions Committee of the Medical School shall determine the applicant's fitness for admission in accordance with the quality of his credentials and the recommendation of the Chairman of the Department.

For admission to candidacy for the degree of Master of Medical Art, the following requirements must be met:

1. A bachelor's degree from an approved college of liberal arts, or
2. Completion of 90 semester hours in satisfaction of a combined degree plan whereby the equivalent of the fourth academic year is accepted by the liberal arts college for the work done in this Medical School. The applicant's curriculum must show evidence that a bachelor's degree can be obtained before the date of receiving the degree of Master of Medical Art.

The applicant's credentials under preliminary training must include the following subjects to be completed before the date of admission to this School:

Art: A minimum of 16 semester hours.

English: At least one academic year.

Biology: 6 semester hours of general and vertebrate, not including botany.

Physics: 8 semester hours.

Chemistry: Inorganic, 6 semester hours (non-premedical course accepted, 8 hour premedical course preferred); organic, 4 hours.

Electives: Sufficient to complete 90 semester hours.

Averages: *B* average or better on all art courses. *C* average or better on all other courses.

Interview: A personal interview with the Chairman of the Department of Medical Art is required and his recommendation is prerequisite for consideration by the Committee on Admissions.

Minimum Residence: A residence is required at this School of at least two academic years. Students with full-time positions on the instructional staff may not receive credit for more than one-half time residence.

Course Requirements: A minimum of the equivalent of 67 semester hours in courses approved for graduate credit including the thesis, with a grade of *B* in the major department and a grade of *C* in the minor departments, is required for the degree of Master of Medical Art. Of the 67 hours required, not less than 39 must be earned in the Department of Medical Art. Transferred credits may be used toward fulfillment of the semester hours requirements but may not reduce the minimum residence requirements.

Thesis: During the second year, a special committee consisting of two members from the major department and at least two members from the other departments is appointed by the Dean. This committee shall determine the scope of the work to be done relative to the student's thesis and shall evaluate that work. The thesis must show sufficient evidence of the ability to produce acceptable medical art. It must be completed and presented to the committee for acceptance not later than the last Monday in April before the time the degree is to be awarded. Two bound copies of the thesis, typewritten in final form and bearing the written approval of the committee, must be turned in to the Dean by the last week in May before the degree is to be awarded.

Degree Examination: After meeting all the other requirements for the degree, at a time determined by the committee but not later than the last week in April, the student must demonstrate his ability to cope with the major

problems in medical art. A report of the committee is to be sent to the Dean not later than twenty-four hours after the examination.

Combined Degree Plan: The co-operation of the division of arts and sciences of any recognized college or university is invited for this combined degree plan whereby students majoring in art may obtain their bachelor's degree conjointly with their first year's work for the degree of Master of Medical Art at this medical school.

GRADUATE STUDIES

Southwestern Medical School of The University of Texas plans to institute courses leading to advanced degrees in the basic medical sciences as rapidly as the facilities and personnel allow it to present sound programs leading to these degrees. Instruction is now available in certain very limited fields and on a purely individual basis. The same requirements for admission to graduate study in Southwestern Medical School apply as at the Graduate School at the Main University in Austin. Individuals who are interested in working toward a Ph.D. in any of the basic medical science subjects are invited to correspond with the Assistant Dean for Graduate and Postgraduate Education at Southwestern Medical School, Dallas, Texas. The request will then be considered upon the basis of the ability of the department to provide adequate facilities and instruction.

POSTGRADUATE STUDIES

Postgraduate studies which will be carried out at Southwestern Medical School of The University of Texas will consist primarily of three different types:

(1) Refresher courses to be held at the School, usually for short periods of time (from three to five days each) and usually dealing with some particular field although in some cases dealing with problems of general interest to all practitioners. These courses will be announced individually from time to time as they can be scheduled and as the need for them seems to arise. A small tuition fee will be charged for participation in these courses, which will be open only to graduates of accredited medical schools and members of county medical societies.

(2) Specific instructional courses, which may be held regularly at the medical school, usually consisting of one two-hour lecture per week over a period of six to ten weeks, depending upon the type of material being offered. These courses will comprise such topics as cardiology, gastro-enterology, pulmonary diseases, general surgery, anesthesiology, etc. The intent is to cover by these means, from time to time, all the various sub-fields of the total subject of medicine. These courses are designed primarily for general practitioners. They will carry a tuition charge dependent upon the number of weeks duration for each course.

(3) A set of courses similar to that described in (2) above, which will be presented in various cities located at some distance from the medical school. These courses will call for the travel of one of the faculty of the medical school to such city where, one evening a week for a variable period of time, he will offer a complete course for general practitioners in certain of the fields already mentioned. Tuition will be dependent upon the distance of the local medical center from the school and upon the number of weekly visits that may be required to cover the subject.

All of these courses are to be arranged in such a way as not to conflict with any of the regular meetings held over the state, and all will count as hours of formal instruction toward participation in the American Academy of General Practice.

From time to time, as the demand seems to justify, various short refresher courses will be offered for participation by specialists only. All such courses will be announced by regular mail well in advance and registration will take place prior to the onset of the course.

It is to be understood that none of the courses comprised in the postgraduate activities of this school will lead in any way to an advanced degree in clinical science. Information regarding any one of these courses may be obtained either from the Dean of the Postgraduate School of Medicine of The University of Texas, in Houston, or from the Assistant Dean for Graduate and Postgraduate Education of Southwestern Medical School of The University of Texas, in Dallas.

STANDARDS OF SCHOLARSHIP

Departments submit grades for students to the Dean's Office at periodic intervals throughout each course.

Examinations are conducted on the honor system.

Attendance at a medical school is not a right acquired by meeting entrance requirements and paying tuition fees. Most of the cost of modern medical education comes from society, and attendance at a medical school is a privilege granted to certain specially qualified persons in order that there may be satisfactorily trained physicians for the future. Those to whom this privilege is granted should, of course, be those who give promise of making the best physicians. Hence, medical schools usually request those students to withdraw who fail to show satisfactory scholastic performance and conduct. It is necessary to consider not only students' grades, but also their integrity, their industry, and their mental and moral inclinations in admitting them to the school, in advancing them to a higher class, or in requesting them to withdraw from the school. These matters indicate factors of importance in dealing with any particular individual. The school remains free to pass upon each case according to its merits.

GRADING SYSTEM

The grading system is as follows: *A* (excellent), *B* (good), *C* (fair), *D* (condition), *P* (passing, upon removal of *D*), *F* (failure). A conditional grade of *D* will be given when a student's record in a course is such as to require supplementary work before he can merit a passing grade, or when he has an unexcused absence from a final examination in a course in which he has been performing satisfactorily unless such absence is due to the illness of the student or a member of his family. In order to remove a grade of *D*, it is necessary for the student to take supplemental examinations or to complete additional work. In the event that the condition is not removed within a period of nine months from the date of its receipt, it shall be converted to an *F*. If the condition is removed, a grade of *P* will be recorded.

PROMOTIONS

When students satisfactorily complete the course requirements of an academic session, they are advanced to the next year's work, provided there are no reasons to make this procedure unwise in any particular instance. Students are advised to place emphasis on the acquisition of knowledge rather than on an effort to get grades. The conduct, attitude, and performance of students are closely and individually observed by members of the Faculty in the classroom, laboratory, and clinic. Whenever a student's conduct or performance is judged unsatisfactory by a department, the student is promptly notified and the Dean is informed. If a student receives a *D* or an *F* in any course, he will be required to submit promptly to consultation with the Promotions Committee. Immediately thereafter the Promotions Committee will make recommendations to the Dean regarding the solution of the student's problem. On the basis of the recommendations of the Committee, the student may be asked to withdraw from school, to repeat course work, or to submit to re-examination.

WITHDRAWALS

Any student desiring to terminate his enrollment with the School should consult with the Assistant Dean of Student Affairs in advance of separation. The official procedure involves presentation to the Assistant Dean of a written statement of reasons for withdrawal and clearance with the departments in which courses are in progress so that equipment can be accounted for properly. Only in this way can "honorable dismissal" be recorded and action started on a refund of payment according to the policy outlined on page 44.

BOARD EXAMINATIONS

On completion of the preclinical course of study, students are strongly advised to take the Part I Examination of the National Board of Medical Examiners. The Part II Examination may be taken on completing the clinical course of study. Successful passing of these examinations helps materially in judging the ability of students whose performance might otherwise make doubtful the wisdom of recommending them for continuing the study of medicine in the clinical years, or for the degree of Doctor of Medicine. Information regarding these examinations may be obtained from the National Board of Medical Examiners of the United States, 225 South 15th Street, Philadelphia, Pennsylvania, or from the Registrar of The Southwestern Medical School.

CURRICULUM

REGULAR COURSES

The course of study in The Southwestern Medical School is designed to prepare self-reliant, sympathetic, and efficient general practitioners of medicine. Close correlation between different subjects is promoted, but each field is considered broadly as a university discipline. The relations of teachers and students are expected to be those which naturally would prevail in university graduate work.

The third and fourth years are divided into blocks and allocated to the departments of medicine, surgery, obstetrics-gynecology, pediatrics, and psychiatry.

All instruction, *i.e.*, clerkships, lectures, conferences, and such, pertaining to these departments is given within its own block of time. In this way, a student assigned to medicine, for example, can devote his entire time to that subject without interruption and is not responsible for any other assignments or examinations.

The exception to this arrangement is a series of trans-departmental courses, primarily lectures, which are presented to the entire class throughout the year. For the juniors these courses are given on Wednesday afternoons, and for seniors, on Thursday afternoons.

Didactic instruction is limited to the minimum number of lectures, group clinics, and demonstrations consistent with satisfactory presentation and principles. The bulk of medical knowledge and experience is expected to be gained from individual initiative under guidance in conference, laboratory, clinic, bedside, and library. The instructional staff functions chiefly in a preceptorial and advisory capacity.

GENERAL PLAN OF INSTRUCTION

The general plan of instruction has for its objective the preparation of students for the practice of general medicine. There is no sharp dividing line in the teaching of the preclinical subjects and the clinical subjects.

The academic year is divided into three terms of twelve weeks each. An elective summer term is offered after the completion of the second year. Twelve terms comprise the training course for the degree of Doctor of Medicine. The time allotments for each academic year's work may be noted in the tables following. The unit system for the evaluation of courses and hours for promotion shall be on the clock-hour basis with the following subdivisions allowed:

25 clock hours of instruction or less.....	no credit
26 to 75 clock hours.....	one-half unit of credit
76 to 100 clock hours.....	one unit of credit
Similarly for additional hours.	

SUMMARY OF COURSES, HOURS, UNITS FOR EACH YEAR

First-year Medicine

<i>Course</i>	<i>Clock Hours</i>	<i>Unit Value</i>
Art of Medicine	48	0.5
Biochemistry	220	2
Biophysics	36	0.5
Correlation	18	0
Gross Anatomy	300	3
Histology-Embryology	200	2
anatomy	100	1.5
Neuro-physiology	25	
Physical Medicine	6	0
Physiology	305	3
Total	1,258	12.5

Second-year Medicine

<i>Course</i>	<i>Clock Hours</i>	<i>Unit Value</i>
Art of Medicine	48	0.5
Bacteriology and Immunology	210	2
Clinical Pathology	144	1.5
Introduction to Medicine	192	2
Pathology	288	3
Pharmacology	216	2
Physical Medicine	6	0
Preventive Medicine and Public Health	54	0.5
Total	1,158	11.5

Third Year

Third-year Medicine

Medicine	666	6.5
Neuropsychiatry	133	1.5
Obstetrics and Gynecology	200	2
Pediatrics	200	2
Trans-departmental Courses:		
Physical Medicine	6	
Physiological Pathology	36	
Preventive Medicine and Infectious Diseases	18	
Radiology	12	
Surgery Lectures	36	
Therapeutic Conference	18	
Total	1,325	12

<p>MEDICINE</p> <p>12 Weeks</p>	<p>MEDICINE</p> <p>8 Weeks</p>	<p>OBSTETRICS and GYNECOLOGY</p> <p>6 Weeks</p>
	<p>PSYCHIATRY</p> <p>4 Weeks</p>	<p>PEDIATRICS</p> <p>6 Weeks</p>

Fourth-year Medicine

<i>Course</i>	<i>Clock Hours</i>	<i>Unit Value</i>
Medicine	200	2
Obstetrics and Gynecology	260	2.5
Pediatrics	260	2.5
Surgery	600	6
Trans-departmental Courses:		
Clinical Pathological Conference	48	
Medical Jurisprudence	12	
Physiological Pathology	36	
Radiology	12	
Tumor Conference	36	
Surgery Lectures	12	
Total	1,476	13

MEDICINE 6 Weeks	SURGERY 12 Weeks	OBSTETRICS and GYNECOLOGY 6 Weeks
SURGERY 6 Weeks		PEDIATRICS 6 Weeks

**MEDICAL ART AND VISUAL EDUCATION
First Year**

<i>Course</i>	<i>Clock Hours</i>	<i>Semester Hour Equivalent</i>
Medical Courses:		
Anatomy, Gross	300	8
Histology	150	5
Physiology	234	7
Medical Art Courses:		
Anatomical Drawing	234	5
Drawing Techniques	270	7
Total	1,188	32

Second Year

<i>Course</i>	<i>Clock Hours</i>	<i>Semester Hour Equivalent</i>
Medical Course:		
Pathology	288	8
Medical Art Courses:		
Pathology and Autopsy Drawing	108	3
Drawings of Surgical Procedure	360	7
Photographic Chemistry	108	2
Photographic Optics	108	2
Photography and Photomicrography	180	4
Planning and Preparation of Exhibits	162	3
Master's Thesis	252	6
Total	1,566	35

MEDICAL STUDIES IN OTHER SCHOOLS

By action of the Board of Regents of The University of Texas, students of The Southwestern Medical School are permitted, with the approval of the Dean, to pursue certain parts of their medical studies within the confines of other approved medical schools of this country and abroad, subject to the following conditions:

1. That the student enroll and pay all fees at The Southwestern Medical School.
2. That the student pay the fees required by the institution of his selection.
3. That, on completion of study, appropriate credit at The Southwestern Medical School be granted provided proof of satisfactory completion of studies in the other institutions is presented.

COURSES OF INSTRUCTION

ANATOMY

Chairman, Professor Duncan; Professors Carter, D'Errico, Harrison; Assistant Professors Burnett, Shannon; Instructors Davis, Duncan, Gill, Kidd; Assistants Clark, Clinnin, Gooch, Hamill, Livingston, Meredith, Moffatt, Pate, Seibel; Student Fellows Bishop, Griffith, Royer, Wilder.

In this department an effort is made to correlate the subjects taught in such manner as to fix well in the student's mind the essential elements of one subject upon which to base the facts to be presented in the succeeding courses. Not only is this attempted in regard to the subjects taught in this immediate department but every influence is brought to bear upon the student in order that he may be convinced of the necessity of a thorough understanding of the basic principles upon which the more advanced courses in medicine are based. Lectures, quizzes, and laboratory exercises are conducted in a manner designed to incite in the student any practical originality that he may possess. He is encouraged by these methods and guided by the staff to assume the initiative so necessary in reducing to a minimum his dependence upon others. The student's attention is constantly called to the value of learning well the facts upon which great emphasis is placed, so that he may the better be enabled to discard the non-essentials.

First Year

COURSE I—HISTOLOGY AND EMBRYOLOGY—200 HOURS.

The first two weeks of work consist of a study of the tissues of the body. This is followed by a brief study of the developmental history of the embryo, in which attention of the student is directed to the bearing of embryological phenomena upon clinical subjects. Supplementary study is given to serial sections of 10 and 30 millimeter pig embryos, together with examination of gross human embryos. Attention is given to the causes of malformation and anomalies.

Following the work in embryology, microscopic study is made of the various organs in the different systems of the body. The greater part of the work is devoted to a study of the architecture of normal adult organs. Throughout the course the interrelationship of structural condition and functional activity is emphasized.

COURSE II—GROSS ANATOMY—300 HOURS.

The unit of study is devoted to dissection of the upper and lower limbs, thorax, abdomen, and pelvis. Students working in groups of six complete the dissection of these parts with special attention to the thorax, abdomen, and pelvis.

Constant supervision in the laboratory with adequate directions for dissection insure clear demonstrations of all parts. At the same time, every attempt is made to develop the initiative of the student. Prior to the study of each region, a motion picture is shown of a similar dissection on a fresh cadaver.

Throughout the dissection every effort is made to enable the student to correlate the facts obtained by observations in the laboratory, and to apply them to the dynamics and functions of the living body. Supplementary demonstrations are given of specially prepared cross sections, prosections, and museum specimens. Each student is supplied with a set of dried bones for home study. Discussion of the osteology is given with the dissection at hand. Rather than engulf the student with the details of bone markings, he is taught to visualize the skeleton surrounded by living, moving parts. The laboratory work is further supplemented by demonstrations of topographical anatomy, using radiological technics to illustrate the parts of the bony skeleton, and the thoracic and abdominal viscera.

Throughout the course the student is responsible for a demonstration of the current or any previous dissection at the discretion of members of the staff. Periodic practical laboratory examinations, written examinations, and oral review quizzes are given to make sure the student is conversant with every part of human anatomy at the end of the course.

COURSE III—NEUROANATOMY—125 HOURS.

Neuroanatomy is included in a combined course entitled *Neuroanatomy and Neurophysiology*. The combined course consists of 125 hours of lectures, laboratory work and demonstrations; and, of this total, about 100 hours are ascribed to neuroanatomy proper. Since many of the anatomical principles are considered with respect to the functions involved, such as assignment of hours to one department or another is necessarily arbitrary. Afferent and motor neural systems are studied in their relation to the somatic and visceral structures of the body, and the important reflex arcs are traced. The integrative action of the central nervous system is considered in some detail. At the time the structure and function of each of the neural systems is considered, the results of damage to or loss of the neural system are presented in so far as the material is pertinent. The laboratory work consists of study of gross preparations of the brain and spinal cord, study of microscopic sections of the brain and spinal cord, microscopic projection sessions, neurophysiological experiments and neurophysiological demonstrations.

BACTERIOLOGY AND IMMUNOLOGY

Chairman, Professor Sulkin; Professors Pike, Strauss; Assistant Professors Donaldson, Hesselbrock; Assistant Tocker.

Second Year

COURSE I—BACTERIOLOGY AND IMMUNOLOGY—210 HOURS.

The course in medical bacteriology and immunology consists of lectures, laboratory exercises, conferences, and occasional clinics, and is designed to acquaint the students with the fundamental principles involved in the isolation and study of bacteria, fungi, rickettsia, and viruses. After a review of the general morphology and physiology of bacteria, the various factors involved in the host-parasite relationship in microbic infection are discussed. The mechanism of immunologic reactions and their application to diagnosis, spe-

cific therapy, and prophylaxis are considered in detail. The course continues with a study of the various groups of pathogens, emphasizing the factors involved in virulence and invasiveness, pathogenesis, host resistance and epidemiology. The various phenomena studied throughout the course are interpreted in their relation to the other medical sciences.

Third or Fourth Year

COURSE III—VIRUSES AND VIRUS DISEASES (ELECTIVE COURSE).

A survey of important viruses, with particular emphasis upon those associated with disease in man. This course is open to a limited number of third- and fourth-year students.

Fourth Year

COURSE IV—RESEARCH (ELECTIVE COURSE).

A limited number of students will be accepted for special studies in bacteriology and immunology. The nature of their work will be determined by consultation with the chairman of the department.

BIOCHEMISTRY

Chairman, Professor Tidwell; Assistant Professor Burr; Instructor Dunkelberg; Assistant McPherson.

First Year

COURSE I—BIOCHEMISTRY—220 HOURS.

The lectures are devoted to a discussion of the fundamental properties of solutions, carbohydrates, fats, proteins, enzymes, and the processes of digestion, absorption, and intermediary metabolism; the chemistry of the blood, respiratory metabolism and neutrality regulation, tissues, secretions, nutrition, and urine. In lectures and conferences are outlined those subjects which the student is expected to pursue by his own systematic reading. The laboratory work consists of the qualitative and quantitative examination of the substances treated in the lectures.

It is urged that students review the fundamental laws and theories of chemistry before beginning the course, since their success in this course is largely determined by such knowledge gained in their premedical training.

Third and Fourth Year

COURSE II—RESEARCH IN BIOCHEMISTRY—(ELECTIVE COURSE).

Open to a limited number of third- and fourth-year medical students or graduates who are qualified to pursue independent or supervised investigations.

BIOPHYSICS

Chairman, Professor Reid; Associate Professor Lanz; Assistant Robbins.

COURSE I—ELEMENTARY BIOPHYSICS—36 HOURS.

This course is designed to acquaint the students with the fundamental physics of living organisms, the biological effects of physical agents and

physical methods for studying biological structures and functions. It includes treatment of radioactivity, biological instrumentation, special biophysical instrumental analysis (as electrophoresis, etc.), fluid dynamics, biological radiation effects, statistical interpretation of data and related topics. No laboratory work is included in this course, but appropriate lecture demonstrations are incorporated.

It is urged that the students review the fundamental laws and theories of physics given in their premedical training before beginning the course, since their understanding of the lectures presented will be largely determined by their orientation in basic physical concepts.

EXPERIMENTAL MEDICINE

Chairman, Professor Grollman.

The teaching program of the Department of Experimental Medicine aims at correlating and applying the fundamental preclinical sciences to clinical medicine. In lectures and teaching on the wards, the student is presented with the basic scientific approach to practical medicine and shown how the physiological, chemical, and therapeutic sciences may be applied at the bedside.

Opportunity is given for a selected number of qualified students to undertake an original experimental problem or to aid in such studies as are under investigation in the laboratory.

Third and Fourth Years

COURSE I—PHYSIOLOGICAL PATHOLOGY—144 HOURS.

One hour per week throughout the year for two years.

A series of lectures by members of various departments of the School, in which the scientific basis of modern medicine is stressed with a review of the underlying physiological, biochemical, pathological, and therapeutic principles and their application to the treatment of disease.

INTERNAL MEDICINE

Acting Chairman, Professor Seldin; Emeritus Professor Winans; Consultants Barton, Black, Carlisle, Carter, Donald, Miller; Professors Brereton, Chapman, Friedman, Heyer, Mason, Reddick, Rouse, Sensenbach; Lecturer Sanders; Associate Professors Brown, Carman, Coggeshall, Harris, Hawkins, Hayes, Mendenhall, Patterson, Rippy, Scurry, Shelburne, Shields, Thomas; Assistant Professors Allday, Bagwell, Buehler, Buford, Daily, Dathe, Eisenberg, Freed, Harvill, Herndon, Jones, Madison, Merrick, Metz, Miller, Potts, Robertson, Ross, Shapiro, Sheldon, Shuey; Instructors Armstrong, Ault, Bailey, Barnes, Barnett, Bassett, Biggart, Bornstein, Brown, Cameron, Douglas, Duncan, Galt, Geist, Grater, Greve, Hamilton, Horn, LaDue, Mariette, E. Mason, P. Mason, Needham, Ochs, Pickett, Rattan, Richburg, Rothschild, Shaw, Sutherland, Ulevitch, Unger, West, Wolfram; Assistants Allen, Blanton, Bradfield, Cleveland, Dierolf, Fischer, Haley, Harris, King,

Lyday, McNeill, Magers, Munsell, Murphy, Obenchain, Popkess, Portman, Reynolds, Roberts, Schreiber, Teng, Veninga, Waldron; Fellow Clark.

DERMATOLOGY AND SYPHILOLOGY

Chairman, Professor Shelmire; Professors Fox, Schoch; Associate Professors Brau, Loftis; Instructors Alexander, Blair, Eisenberg, Fowler, Howell, Mantooth, Riddell, Wasserman, Wharton.

PREVENTIVE MEDICINE AND PUBLIC HEALTH

Chairman, Professor Strauss; Professor Scheidt; Assistant Professor Bass; Lecturers Ehlers, Smythe, Sudderth.

MEDICINE

The courses in internal medicine have a trifold function: to develop habits of critical inquiry which will enable the student continuously to seek and evaluate information; to develop in the student an appreciation of a conceptual framework which regards disease processes as instances of deranged physiology; to emphasize the responsibility of the physician, not alone to specific diseases, but to the patient as a whole.

Accordingly, emphasis is placed on small group teaching at the bedside as well as in seminars. Physiological and clinical data and theory are brought to bear in the elucidation of the patient's problems. Reading in books and journals is encouraged and guided. Didactic lectures are limited largely to orientation clinics or the presentation of new material. Elective courses are offered in the various medical subspecialties to small groups of students, thereby affording an opportunity for a more intense examination of special problems in the study of disease in which the student may be interested.

Second Year

COURSE I—INTRODUCTION TO MEDICINE—192 HOURS.

Formal instruction in medicine starts in the second year with the course, *Introduction to Medicine* which is designed to develop the student's skill in the technique of obtaining a detailed history of the patient's illness and in performing a thorough physical examination. The lecture series is aimed at integrating anatomical and physiological information in the understanding of the production of physical findings in normal subjects and at correlating physiological derangements with the pathogenesis of the more important symptoms and the altered physical findings in disease states.

The course consists of one hour of lecture followed by three hours of practical work. The students first examine normal subjects and later patients exhibiting the physical findings which are being taught at that time. The class is divided into small groups of four or five students, with an instructor assigned to each group.

Third Year

COURSE II—CLINICAL CLERKSHIP IN MEDICINE—666 HOURS.

Each student spends twenty weeks during his third year as a clinical clerk on the wards of the hospitals. The students are assigned new patients in rotation and write up a comprehensive history, physical examination, and daily progress

notes on each new patient, in addition to the usual laboratory work. Daily rounds are made by the staff and bedside teaching is stressed. Particular emphasis is placed on the acquisition of knowledge from the study of those patients assigned to the clinical clerk. The students meet in small discussion groups several times weekly with the attending physician to review the problems presented by the ward patients in a specific as well as general way.

Conferences are held each afternoon in the various medical subspecialties. Students assigned to patients presented at these conferences are obliged to attend; the remainder of the clinical clerks are encouraged to do so providing it does not interfere with their clerkship responsibilities.

Formal lectures are restricted to a minimum. They are presented largely for purposes of orientation and for the presentation of new material.

Fourth Year

COURSE III—CLERKSHIP IN OUTPATIENT MEDICINE—200 HOURS.

During his fourth year each student spends six weeks in the Medical Outpatient Department. Instructors from both the Department of Preventive Medicine and Internal Medicine participate in the teaching. The purpose of this course is to correlate the knowledge the student has acquired with a means of applying it in the care of the *individual* sick patient. The importance of all the factors contributing to the patient's illness will be emphasized by a series of conferences in which members of various departments besides Medicine will participate.

COURSE IV—ELECTIVE COURSES IN MEDICINE.

A. *Cardiovascular disease*: Students attend cardiac clinic, participate in cardiovascular consulting rounds, and work in the cardiovascular laboratory. Special attention is given to cardiovascular hemodynamic problems. Dr. Chapman and staff.

B. *Pulmonary physiology in clinical medicine*: Basic mechanics of normal and abnormal pulmonary function are reviewed. Students work in the pulmonary function laboratory and apply the various tests and techniques to patients on the hospital services. Dr. Miller and staff.

C. *Hematology*: Students participate in hematology clinic and hematology consulting rounds. Diagnostic techniques in hematology are studied by work in the hematology laboratory. Dr. Muirhead and staff.

D. *Infectious Disease*: Students work in the bacteriology laboratory, learning the basic techniques of bacteriological and serological diagnoses and treatment. Techniques are then applied to specific patients presenting problems on the hospital services. Dr. Braude and staff.

E. *Metabolism*: Those diseases and disorders amenable to analysis by the methods of clinical chemistry are studied. Students work in the metabolism laboratory, participate in metabolism consulting rounds, and attend metabolism clinic. Dr. Seldin and staff.

F. *Clinical Chemistry*: Discussions concerning the scientific basis for disease processes. This course is aimed at increasing the student's fundamental understanding as contrasted to mere acquisition of knowledge of disease. Dr. Mason and staff.

G. Correlative Ophthalmology: A detailed survey of the ophthalmoscopic findings occurring in systemic disease is prevented, with practical sessions utilizing patients on the medical wards and in clinics. Dr. Browning and staff.

H. Research: Laboratory facilities are available for a limited number of suitably qualified students to undertake investigative problems under the supervision of a member of the Medical Staff. Dr. Seldin and staff.

DERMATOLOGY AND SYPHILOLOGY

Third Year

COURSE I—DERMATOLOGY AND SYPHILOLOGY—36 HOURS. ONE HOUR PER WEEK DURING THREE TERMS.

This course consists of lectures, recitations, presentation of patients, and lantern slide demonstrations covering the more important diseases of the skin and the manifestations of syphilis.

Fourth Year

COURSE II—DERMATOLOGY AND SYPHILOLOGY—24 HOURS.

A course of clinics in which the more important diseases of the skin are presented. In this course emphasis is laid on the cutaneous manifestations and treatment of syphilis.

COURSE III—DISPENSARY SECTION WORK IN DERMATOLOGY AND SYPHILOLOGY—20 HOURS.

This course affords abundant opportunity to demonstrate the clinical appearances, diagnosis, and treatment of the various skin diseases, including syphilis.

MEDICAL JURISPRUDENCE

Fourth Year

COURSE I—MEDICAL JURISPRUDENCE—12 HOURS.

This course covers medical evidence and 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 relations of physicians to patients and the public, insanity, malpractice, the anti-narcotic laws, and workmen's compensation insurance. The medico-legal aspects of toxicology are fully covered in the course in pharmacology.

PREVENTIVE MEDICINE AND PUBLIC HEALTH

Second Year

COURSE 1—PREVENTIVE MEDICINE AND PUBLIC HEALTH—54 HOURS.

This series of lectures introduces the student to the epidemiological method of the study of disease. This approach is applied not only to the communicable diseases but also to such public health problems as alcohol and drug addiction, accidents, and the chronic and degenerative diseases. The role of the practicing physician and of community organizations in the control of public health problems is stressed.

Fourth Year

COURSE II—PREVENTIVE MEDICINE—36 HOURS.

The purpose of this course is to indicate the primary responsibility of the practicing physician in the prevention of disease. Patients from the outpatient departments are presented and their problems discussed informally. Emphasis is placed on the preventive viewpoint in the counselling and management of patients.

PHYSICAL MEDICINE AND REHABILITATION

Chairman, Assistant Professor Krusen; Instructors Searl, Wade.

First Year

COURSE I—CORRELATION WITH BASIC SCIENCES—6 HOURS.

This course has been designed as a clinical application of the knowledge gained in anatomy, physiology, and biophysics. Functional anatomy, muscle testing, and electrodiagnosis are presented by lectures and demonstrations.

COURSE II—BASIC PRINCIPLES OF PHYSICAL MEDICINE AND REHABILITATION—6 HOURS.

These lectures are designed to familiarize the student with the clinical application of physical agents. These include heat, water, electricity, massage, therapeutic exercise, and physical rehabilitation.

Third Year

COURSE III—APPLICATION TO SPECIFIC CLINICAL PROBLEMS—6 HOURS.

These lectures are designed to present the total approach in physical medicine and rehabilitation to certain orthopedic, neurologic, and medical disabilities.

NEUROPSYCHIATRY

Acting Chairman, Professor Morris; Emeritus Professor Witt; Associate Professors Talkington, Weisz; Assistant Professors Aten, Burkett, Burns, Ford, Harrington, Hoekstra, Knapp, Levin, McCranie, Ossenfort, Percy, Pescor, Schwenkenberg, Shelton; Instructors Behan, Bloss, Burross, Frank, Hubbard, Miller, Montgomery, Moulton, Peden, Pence, Raible, Soroker, Winn; Assistants Bell, Buell, Crasilneck, Toland.

First Year

COURSE I—ART OF MEDICINE—48 HOURS. TWO HOURS PER WEEK FOR FIRST TWO TERMS.

This is a study of human beings and human relationships as they affect the practice of medicine. Following an orientation period in principles of personality development, the method is essentially case presentations and class participation through discussion.

Second Year

COURSE II—ELEMENTARY PSYCHIATRY—48 HOURS.

Through methods of lecture, movies, case presentations, and demonstration, this is an extension of the principles of psychiatry as applied to the general

practice of medicine and in addition a preparation for the clinical clerkship in psychiatry. The material covered includes dynamics of personality development, psychopathology, psychosomatic medicine, and an introduction to psychiatry.

Third Year

COURSE III—CLINICAL CLERKSHIP IN PSYCHIATRY—133 HOURS.

Students are assigned in rotation for a clerkship of one month, which includes assignment to patients on a closed ward, outpatient psychiatry, and assignment to two selected cases in other areas of the Medical Center. The two selected cases are studied comprehensively by the students and reports are required on them. Small group supervision is provided by psychiatrists, psychologists, and social workers.

OBSTETRICS AND GYNECOLOGY

Chairman, Professor Mengert; Emeritus Professors Bourland, Dunlap; Consultants Gilbert, Maffett, Robinson; Professors Massey, Newsom, Strother; Associate Professors Devereux, Goff, Guerriero, Harrel, McIver, Prejean, Sands, Vieaux; Assistant Professors Haynes, Jennings, Jordan, Kantor, Langston, Sebastian, Winn; Instructors Abrams, Bennett, Blend, Cobb, Davidson, Downs, Gottlich, Griffin, Henderson, Hood, Martinak, Mendel, Newell.

Second Year

COURSE I—HISTORY TAKING AND PHYSICIAN EXAMINATION IN OBSTETRICS AND GYNECOLOGY. ENTIRE CLASS.

Introductory lectures and demonstrations in history taking and physical diagnosis as applied to the obstetric and gynecologic patient are presented as part of Course I, *Introduction to Medicine*, of the Department of Internal Medicine.

Third Year

COURSE II—PRINCIPLES OF OBSTETRICS AND GYNECOLOGY—48 HOURS. FOUR HOURS A WEEK FOR ONE TRIMESTER. REPEATED TWICE DURING THE ACADEMIC YEAR.

A series of didactic lectures covering the anatomy and physiology of the female reproductive apparatus, major pathologic considerations, and the mechanisms of labor is given to the entire class in three sections.

COURSE III—CORRELATIVE OBSTETRICS AND GYNECOLOGY—24 HOURS. FOUR HOURS A WEEK FOR SIX WEEKS OF A TERM.

Informal question and answer sessions covering problems arising in connection with patients observed by students serving as clinical clerks are held with the participation of members of the attending staff of the Department.

COURSE IV—DISPENSARY—120 HOURS.

Students are assigned in small groups to the Obstetric and Gynecologic Outpatient Dispensary of Parkland Hospital to serve as clinical clerks. These clinics are supervised by regularly assigned members of the attending staff. Each student spends one week as observer and clinical clerk on the maternity service of Parkland Hospital.

Fourth Year**COURSE V—CLINICAL CLERKSHIP AND PRACTICAL OBSTETRICS AND GYNECOLOGY—ESTIMATED 260 HOURS. ENTIRE TIME DURING SIX WEEKS OF A TERM.**

Students are assigned in small groups to act as full-time clinical clerks in the Department of Obstetrics and Gynecology of Parkland, Baylor, and Methodist Hospitals. This is an intensive service; each student performs an average of twelve deliveries under careful supervision and works as a clinical clerk in intimate contact with patients on both obstetric and gynecologic wards.

PATHOLOGY

Chairman, Professor Muirhead; Professors Gill, Harrison; Associate Professors Ashworth, Goforth, Hesselbrock, Wollenman, Woods; Assistant Professors Montgomery, Smith; Instructor McCain.

Instruction in pathology is given in the second, third, and fourth years. While the basic principles of pathology are studied from the viewpoint of gross and microscopic tissue organ changes, stress is also placed on functional and chemical correlations, and possible clinical manifestations. Illustrative materials from autopsies and surgical operations are available for gross and microscopic study.

Second Year**COURSE I—GENERAL AND SPECIAL PATHOLOGY—288 HOURS.**

The course in general and special pathology for second-year students is designed to cover the general principles of pathology and give the student a good understanding of the fundamental disease processes. The main emphasis is on basic anatomical changes encountered, with careful consideration of pathogenesis and natural history of diseases. Detailed consideration is given to specific infectious diseases, granulomas, neoplasms, degenerative diseases, and system pathology.

Students witness autopsies in small groups and prepare group reports for class discussion. Extensive use is made of illustrative material in the form of photographic reproductions for projection, and each student is provided with several hundred selected microscopic slides for his own individual study in laboratory. Small groups, on a rotation basis, examine current gross and microscopic surgical material received in the hospital laboratory.

In general, each new class or group of diseases is discussed by lecture and followed by study of illustrative material. Correlation with related physiology, bacteriology, clinical problems, etc., is stressed at all times.

COURSE II—CLINICAL PATHOLOGY—144 HOURS.

This course is designed to emphasize the application of the basic medical sciences to the clinical problems of diagnosis, prognosis, and treatment. It covers the examination of blood, spinal fluid, gastric contents and other body fluids and products suitable for laboratory studies.

The practical and theoretical aspects of human blood and intestinal parasites of the tropical and sub-tropical regions, along with certain phases of medical entomology, are included.

The above material is presented in lectures, laboratory exercises and demonstrations.

Third Year

COURSE III—SURGICAL PATHOLOGY.

A lecture and recitation course covering the special pathological processes related to surgical conditions. The course aims to emphasize the relation between the clinical picture and the pathological changes.

COURSE IV—SURGICAL PATHOLOGY DEMONSTRATIONS. FIRST, SECOND AND THIRD TERMS.

Fresh specimens from current surgical operations and autopsies are collected during the week and demonstrated before members of the junior class. Emphasis is placed upon the gross diagnosis of pathologic lesions and upon the descriptive methods used in surgical pathology.

Fourth Year

COURSE V—AUTOPSY TECHNIQUE AND RECORDS.

Members of the fourth-year class witness autopsies performed at Parkland Hospital and at other affiliated hospitals. The clinical history is reviewed at the time of autopsy and an attempt made to correlate it with the anatomic changes found.

COURSE VI—CLINICAL PATHOLOGICAL CONFERENCE—48 HOURS. THROUGHOUT THE ENTIRE SESSION.

At each weekly conference one carefully selected clinical record is studied as a diagnostic problem. Representative clinicians from the various departments participate in the discussion without any knowledge of the autopsy findings.

PEDIATRICS

Chairman, Professor Forbes; Professors Fashena, Moore, Young; Associate Professors Hopkins, Luecke, McFarland, Nesbitt, Quilligan; Assistant Professors Ashby, Bradford, Brooksaler, Dunlap, Knickerbocker, H. Moore, R. Moore, Norman; Instructors Alfieri, Branch, Dean, Fine, Graham, Hale, Halpern, Hawkins, Krafft, Krempin, McKinney, Mewhinney, Porter, Powers, Roach, Sanders, Smith, Spegal, Walker, Womack; Assistants Baskin, Chandler, Cornwell, Cotton, Lodowski, Newman, Smith, Turbeville; Fellows Harshbarger, Johnson, Shires.

Second Year

COURSE I—METHODS OF EXAMINATIONS IN PEDIATRICS—8 HOURS.

This course is part of the student's introduction to medicine and introduces the special techniques of examination used in pediatrics. It consists of two hours of didactic instruction and six hours of ward work with patients.

Third Year

COURSE I—PRINCIPLES OF PEDIATRICS—24 HOURS.

This course consists of twenty-four lectures covering growth and development of the normal child, principles of nutrition and infant feeding, and the diseases of children.

COURSE II—CLINICAL CLERKSHIP—160 HOURS.

In this course the student acts for six weeks as a full-time clerk on the wards of the Children's Medical Center and Parkland Hospital Pediatric and Contagious Disease Wards and is assigned patients for complete work-up, including history, physical examination, appropriate laboratory examination and treatment where possible.

COURSE III—JUNIOR CLINICAL CONFERENCES—24 HOURS.

During the junior clerkship, clinical conferences are held four days a week for all junior students assigned to pediatrics. These conferences consist of case presentations and detailed discussion of the disease entities involved.

Fourth Year**COURSE I—CLINICAL CLERKSHIP—200 HOURS.**

In this course the student acts for six weeks as junior intern on the wards of the Children's Medical Center, in the Children's Dispensary of Freeman Memorial Clinic, and at Parkland Hospital. Daily informal conferences are held for discussion of pertinent pediatric subjects.

COURSE II—CLINICAL CONFERENCES ON SPECIALIZED SUBJECTS—21 HOURS.

During the period of clinical clerkship, a series of special conferences is held for discussion of the following subjects: tuberculosis, dietetics, genito-urinary tract disease, psychosomatic problems, and psychological appraisal of children. Visits to the cerebral palsy center, well-baby clinics, and to the premature and newborn nurseries at Parkland Hospital are part of the course.

COURSE III—DEVELOPMENTAL DIAGNOSIS, HOPE COTTAGE—12 HOURS.

This course provides instruction in the techniques of developmental diagnosis during infancy and early childhood.

COURSE IV—SENIOR CLINICAL CONFERENCES—30 HOURS.

A clinical conference is held four times weekly for all senior students assigned to pediatrics, in which interesting patients are presented and discussed by the students under the guidance of a full-time member of the staff. A weekly conference covering outpatient problems is conducted by a member of the clinical faculty.

COURSE V—ELECTIVE.

The student may spend part or all of his elective time in any of the clinical institutions associated with the Department of Pediatrics or in special investigative work pertaining to pediatrics. Details may be arranged by consultation with members of the staff.

PHARMACOLOGY

Chairman, Professor Goth; Assistant Professors Copenhaver, Holman; Instructor Sharples; Fellow Nagler.

Second Year**COURSE II—PHARMACOLOGY—216 HOURS.**

The major purpose of the instruction in pharmacology is to prepare the student for the clinical study of therapeutics by providing him with a knowledge of the manner in which drugs modify functional activity in the organism. After a brief survey of the general principles of pharmacology, the chief work of the course is concerned with experimental pharmacodynamics. Lectures and conferences on pharmacological and toxicological properties of drugs are closely correlated with laboratory work. Available preparation forms and posology of drugs are studied as the various types of medicinal agents are considered. Prescription writing exercises are given.

Third Year**COURSE III—THERAPEUTIC CONFERENCES—18 HOURS. BI-WEEKLY THROUGHOUT THE YEAR.**

The pharmacological principles of therapeutics are presented from the standpoint of their application to clinical medicine.

PHYSIOLOGY

Chairman, Professor Lackey; Assistant Professors Doggett, Vanatta.

First Year**COURSE I—See description of course. NEUROANATOMY AND NEUROPHYSIOLOGY under section on anatomy.****COURSE II—305 HOURS.**

The course begins with instruction in the use of standard physiological laboratory apparatus and a consideration of the physiology of skeletal muscle. This is followed by a more comprehensive study of the physiology of blood, circulation, respiration, digestion, metabolism, excretion, special senses, and the glands of internal secretion. Emphasis is placed on the practical aspects of human physiology, and, in the laboratory, experiments on human subjects are generously supplemented by experiments on other mammals as well as on lower animals. A close correlation is maintained between laboratory studies and the subject matter of lectures. Much use is made of group conferences, and library projects are routinely assigned. The general purpose of the course is not only to give the student a knowledge of normal physiologic function but to help him acquire the ability to analyze physiologic problems such as may be encountered in disease.

SURGERY

Chairman, Associate Professor Ben J. Wilson; Professors Carter, Cochran, D'Errico, Goode, Hudson, Mills, North, Selecman, Shaw; Associate Professors Duckett, Kleinsasser, Pickett, Small, Woods; Assistant Professors Aronoff, Austin, Bradfield, Burnett, Bussey, Carswell, Dunlap, Fogelman, Galt, Gill Harrison, Hays, Kidd, Montgomery, C. Nash, Patterson, Paulson, Shannon, Sparkman, Taylor, Warren, Weary, Woolf; Instructors Altman, Ashe, Boland, Bookatz, Cheek, Cole, Davis, Fuqua, Garner, Johnson, Kern, Kipp, Kregel, McNeill, Morris, T. Nash, Sellman, Tobolowsky, von der Leith, Welch, C. Wilson; Fellows Jernigan, Kethley, Nelson, Shires.

ANESTHESIOLOGY

Chairman, Professor M. T. Jenkins; Professors Alexander, Weir; Associate Professor Dodd; Assistant Professors Lamberth, Wood; Instructors Bush, Mullikin, G. Nash, Simner.

OPHTHALMOLOGY

Chairman, Associate Professor Browning; Emeritus Professor Cary; Professors Cox, Quinn; Associate Professors S. Jenkins, Newton, Thomas; Assistant Professors Brannin, Daniel, Grafton, Hoefer, Lancaster, Maxwell; Instructors Block, Burnside, L. Davis, Gostin, Knowles, Marchman, Meisenbach, Richter; Assistants Harrington, McCrory.

ORTHOPEDIC SURGERY

Chairmen, Professor Girard; Associate Professors McGuire, Williams; Assistant Professors Anderson, Barnes, Beckering, Butte, Bywaters, Carrell, Franklin, Hodges, Knight, Watkins; Instructors Aldredge, Branch, Goodfriend, Graham, Herrick, James, Legg, Loisele, Payne, Sims, Ware; Assistants Bryant, Edwards, Halley, Henry, Mattson, Richardson.

OTOLARYNGOLOGY

Chairman, Professor Singleton; Emeritus Professor Marchman; Consultant Jones; Professor Sellers; Associate Professor Winborn; Assistant Professors Barr, J. Jenkins, Newell; Instructors Adin, Baldwin, Corgill, Darrough, Furchgott, Newell, Ritchey, Sokolsky, Tarrer, Waldman.

PROCTOLOGY

Chairman, Professor Rosser; Associate Professors Baldwin, Kerr, Smith; Assistant Professor Rowe; Instructor Carter.

RADIOLOGY

Chairman, Professor C. Martin; Associate Professors Clayton, Miller; Assistant Professors Burford, Lovell, J. Martin, Sazama, Wilson; Instructors Keene, Lockwood.

UROLOGY

Chairman, Professor Spence; Professor Alexander; Associate Professors King, O'Brien, Pace, Vermooten, White, Williams; Assistant Professors Baird, Mitchell, Mooney, Duff, Shane, Smith; Instructors Bush, Fromm, Fuqua; Assistant Reisman.

GENERAL SURGERY**Third Year****INTRODUCTION TO SURGERY—36 HOURS.**

Third-year surgery consists of panel discussions of selected broad surgical topics.

Fourth Year**CLERKSHIPS AND LECTURES—18 WEEKS.**

Fourth-year surgery consists of clinical clerkships on the wards of Parkland, Baylor, Methodist, and the McKinney and Dallas Veterans Administration

Hospitals. The student is afforded an opportunity to participate actively in the diagnosis and therapy of patients suffering from both acute and chronic surgical diseases. Correlative instruction is offered in surgical pathology and anatomy and surgical physiology. The clerkship is interwoven with teaching ward rounds, clinical conferences, symposia, and lectures on all aspects of surgery and its specialties.

The student attends the proctology clinic and has opportunity to assist in the diagnosis and therapy of proctologic diseases.

The student also attends the outpatient clinic as a separate clerkship and has an opportunity to assist in the diagnosis and therapy of surgical illness in ambulatory patients.

ANESTHESIOLOGY

Fourth Year

LECTURES AND DEMONSTRATIONS—15 HOURS.

The clerkship during the senior year consists of nine lecture periods and assignment in the operating room. Practical demonstration and instruction are given in the management of anesthesia, in laryngoscopy, tracheal intubation, oxygen therapy, and in treatment of respiratory problems of various disease states such as poliomyelitis, tetanus, and barbiturate poisoning.

OPHTHALMOLOGY AND OTOLARYNGOLOGY

Third Year

CORRELATIVE OPHTHALMOSCOPY—12 HOURS.

An elective course offered in the medicine block of time for the junior year.

Fourth Year

CLERKSHIPS AND LECTURES—62 HOURS.

Students attend the ear, nose, and throat clinic and the eye clinic in small groups. The student is afforded an opportunity to gain anamnestic, diagnostic, and therapeutic knowledge concerning the diseases of the eye, ear, nose, and throat. The student attends operative clinics for major surgery of the eye as well as special ophthalmology clinics for glaucoma, corneal diseases, and ocular beta irradiation therapy.

The clinical clerkship in ophthalmology and otolaryngology is combined with a comprehensive lecture and conference program in these subjects. Didactic presentations and practical demonstrations covering important diseases of the eye, ear, nose, and throat are offered as an integral portion of the teaching program.

ORTHOPEDIC SURGERY

Fourth Year

CLERKSHIPS AND LECTURES—4 WEEKS.

The student attends the ward and clinic patients suffering from a wide variety of traumatic, metabolic, infectious, and neoplastic diseases of bone. He takes an active part in the treatment of various fractures. Correlative lectures and teaching ward rounds are conducted during the clerkship period.

RADIOLOGY

An effort is made to correlate the many phases of radiology with all of the other branches of medicine by group teaching. Members of the department take an active part in the clinical pathological conference and appear with teachers from other departments in clinics and demonstrations.

Third Year**DIAGNOSTIC RADIOLOGY LECTURES—12 HOURS.**

This course includes a systematic study of the diseases of the main organs or systems demonstrable by the roentgen method. Detailed consideration is given to the anomalies, infections, traumata and neoplasms, both primary and secondary, as they may be seen roentgenologically.

Fourth Year**PRINCIPLES OF RADIOGRAPHIC INTERPRETATION—12 HOURS.**

This course is offered to students while attending a surgical clerkship. The principle of radiographic interpretation as applied to the diagnosis of diverse clinical conditions is outlined.

TUMOR CONFERENCE—36 HOURS.

This course consists of 36 lectures or demonstrations covering the many phases of the diagnosis and therapy of malignant diseases.

TUMOR CLINIC—24 HOURS.

This clinic is given for two hours each week in the fourth year and consists of clinical demonstrations of patients and short descriptions of the various types of neoplasms. Discussions of the agents employed in the therapy of cancer, such as surgery, irradiation, or drugs, are carried out by representative members of the tumor board.

UROLOGY**Fourth Year****CLERKSHIPS AND LECTURES—2 WEEKS.**

The student attends the inpatients and outpatients of the urological services. Opportunity is afforded to perform certain office urologic procedures. The student assists in diagnosing and treating patients suffering from urological diseases. Conferences and lectures are held during the clerkship. Radiologic interpretation of urologic diseases is taught in the conferences and by case study.

MEDICAL ART

Chairman, Professor Waters; Associate Professor Sanders; Assistant Professors O'Neill, Sage.

The Department of Medical Art serves both as a production center for the visual teaching material of the school and as a teaching department for a limited number of students in medical art. The various types of illustrative work needed by both preclinical and clinical faculties for publication and research, as well as teaching, are executed in this department. Such material includes drawings in many techniques, numerous photographs, photomicrographs, lantern slides,

retinal photographs, and motion pictures. The designing and production of medical exhibits and displays is an integral part of the work accomplished in the Department.

Students who are working toward the Master of Medical Art degree are given practical instruction in the solution of illustrative problems. They have the opportunity to observe professional art work in progress, to develop original ideas of their own from this observation, and to correlate the information acquired in their medical courses with its most effective visual interpretation. The ideals always stressed are sound scientific approach and clarity of presentation, with esthetic appeal being often a corollary of these basic factors.

First Year

	<i>Semester Hours of Credit Equivalent</i>
<i>Histology</i>	5
About 25 drawings of normal tissues are required in this course.	
<i>Gross Anatomy</i>	8
<i>Anatomical Drawing</i> . Sketches from dissections on the cadaver.....	5
<i>Drawing Techniques</i> suitable for publication, exhibit and teaching....	7
The student is given instruction in (1) tone, dry brush process; (2) water-color painting; (3) line drawing in pen and ink. He makes detailed drawings of fresh and preserved specimens and has practical experience in planning and executing charts and diagrams. This work is all carried out in the Department. Introductory lectures are given on photoengraving processes and the correct preparation of illustrations for publication.	
<i>Physiology</i>	7
Several original diagrams or charts illustrating problems of physiological function are required.	

Second Year

<i>Pathology</i>	8
<i>Pathology and Autopsy Drawing</i>	3
During the pathology course several drawings are required showing the microscopic appearance of diseased tissues. Sketches are also made at autopsy, where emphasis is placed on the fresh appearance and large-field view of anatomical structures and gross tissues, only small areas of which are observable in surgery.	
<i>Drawings of Surgical Procedure and Endoscopic Drawings</i>	7
Sketches are made in the operating room and at endoscopic clinics. These sketches are then completed in the Art Department.	
<i>Photographic Chemistry</i>	2
<i>Photographic Optics</i>	2
<i>Photography and Photomicrography</i> (including color photography)....	4
This course gives the student a thorough technical foundation in photographic procedure while stressing the uses of photography	

*Semester Hours
of Credit
Equivalent*

as applied to medicine. Lectures are given on photoengraving processes.

Planning and Preparation of Exhibits and Displays..... 3

Practical problems are presented for the student to work up in scale models and moulage. A limited amount of work may also be given in preparation of exhibits for medical presentation.

Master's Thesis 6

FILM LIBRARY

The Department maintains a motion picture library of teaching films covering a variety of medical subjects. These are 16mm., in sound and color, silent color, and a few black and white. More films will be added as they are approved for teaching and as they become available for purchase. The production of new teaching films is also a function of the Department.

PROJECTION EQUIPMENT

The Department is the custodian of the visual education equipment used in the department auditorium. It attends to its proper maintenance and provides essential personnel for projection of motion pictures and lantern slides.

RESEARCH IN AUDIO-VISUAL EDUCATION

Because of the increasing importance of the application of audio-visual means to medical education, the Department is constantly conducting research in newer methods of this type of education. The improvement of equipment and the application of the newer sciences to this field of education in medicine is most desirable. We offer co-operation in research to medical art students who show special interest in particular phases of this work.

DEGREES CONFERRED IN 1952

DOCTOR OF MEDICINE

(June 2, 1952)

Name	Place of Internship
Adams, Erie Dell.....	Veterans Administration Hospital, Houston
Adwan, Kenneth Oscar.....	.....
.....	The University of Oklahoma Hospitals, Oklahoma City, Okla.
Anderson, Flora Katherine.....	Baptist Memorial Hospital, San Antonio
Ansley, Leslie Ray.....	Harris Hospital, Fort Worth
Arbuckle, Bertrand Duane.....	.....
.....	The University of North Carolina Hospital, Chapel Hill, N.C.
Archer, John Robert.....	Parkland Hospital, Dallas
Binion, John Telemichus.....	Massachusetts General Hospital, Boston, Mass.
Bondurant, Drewry Clark.....	Parkland Hospital, Dallas
Caldwell, Joe Buck.....	Parkland Hospital, Dallas
Campbell, Robert Douglas.....	Colorado General Hospital, Denver, Colo.
Castleberry, Lawrence McKelvy.....	Veterans Administration Hospital, McKinney
Causey, Oscar Milton.....	Parkland Hospital, Dallas
Chancellor, Harbert Clarence, Jr.....	Baylor University Hospital, Dallas
Collazo, Cesar Augusto.....	City-County Hospital, San Juan, P. R.
Connor, Robert Brevard.....	Parkland Hospital, Dallas
Crisp, George Olen, Jr.....	Veterans
.....	Administration Center, Wadsworth General Hospital, Los Angeles, Calif.
Davis, Jeff Hugh.....	Riverside County Hospital, Riverside, Calif.
de Larios, Arthur Trinidad.....	Baylor University Hospital, Dallas
Downs, Haskell Edward.....	Kansas City General Hospital No. 1, Kansas City, Mo.
Epps, Turner Darnell.....	Veterans Administration Hospital, Houston
Feinberg, Walter David.....	.....
.....	The University of North Carolina Hospital, Chapel Hill, N. C.
Fogleman, James Douglas.....	El Paso General Hospital, El Paso
Gilbert, James Walter.....	The Army & Navy General Hospital, Hot Springs, Ark.
Gladstone, Larry Allan.....	.....
.....	The University of North Carolina Hospital, Chapel Hill, N. C.
Goldsmith, James Paul.....	St. Joseph's Hospital, Fort Worth
Grossman, Maurice Sidney.....	St. Louis City Hospital, St. Louis
Halden, Edgar Richard, Jr.....	Parkland Hospital, Dallas
Hanna, Homer Harold.....	Percy Jones Army Hospital, Battle Creek, Mich.
Hardey, Carlton Eugene.....	Parkland Hospital, Dallas
Harris, William Sands.....	Parkland Hospital, Dallas
Harrison, Edwin Sanders.....	City-County Hospital, Fort Worth
Hataway, Garrett Arthur.....	Parkland Hospital, Dallas
Haynes, William McCubban.....	Riverside County Hospital, Riverside, Calif.
Herndon, Ernest Thompson.....	Parkland Hospital, Dallas
Hodges, Lester Arlander.....	St. Joseph's Hospital, Fort Worth

Name	Place of Internship
Jones, Homer Clay, Jr.	Methodist Hospital of Dallas, Dallas
Jones, Robert Forrester	Parkland Hospital, Dallas
Jordan, Jack Grundy	Parkland Hospital, Dallas
Kane, John Redding	U. S. Naval Hospital, Great Lakes, Ill.
Knight, Ralph Walker	Veterans Administration Hospital, Houston
Laramore, Dorothy Causey	Veterans Administration Hospital, McKinney
Lewis, Elbert Hampton	Mount Sinai Hospital of Greater Miami, Miami Beach, Fla.
Loeb, Ellen	Veterans Administration Hospital, McKinney
Marrow, William Spencer	Shreveport Charity Hospital, Shreveport, La.
McAlister, James Reid	City of Detroit Receiving Hospital, Detroit, Mich.
Moore, Kendall Huntley	Parkland Hospital, Dallas
Morgan, James Roderick	El Paso General Hospital, El Paso
Ollerton, Robert Milton	San Bernardino County Charity Hospital, San Bernardino, Calif.
Pierce, John Rush	Jefferson-Hillman Hospital, Birmingham, Ala.
Pullen, Charles William	Thomas D. Dee Memorial Hospital, Ogden, Utah
Reasonover, Farley Straughn	Baylor University Hospital, Dallas
Renfroe, Thomas Wilson	Methodist Hospital, Dallas
Robins, Keith Ivan	Jefferson Davis Hospital, Houston
Robinson, David Lee	Jefferson Davis Hospital, Houston
Rountree, John Robert	Parkland Hospital, Dallas
Sewell, James Woodward	Baylor University Hospital, Dallas
Shepard, Marvin Glenn	Baylor University Hospital, Dallas
Shropulos, George Peter	Parkland Hospital, Dallas
Silverthorne, John Diener	Riverside County Hospital, Riverside, Calif.
Smith, Loyd Calvin	Jefferson Davis Hospital, Houston
Smith, Wright Kirkland	Parkland Hospital, Dallas
Sparr, Richard Arthur	Walter Reed General Hospital, Washington, D. C.
Spratt, John Stricklin, Jr.	Barnes Hospital, St. Louis, Mo.
Stuntz, Homer Clyde	Baylor University Hospital, Dallas
Teel, Theodore Trevanian, Jr.	U. S. Naval Hospital, St. Albans, N. Y.
Tompkins, Frances Lora	Parkland Hospital, Dallas
Turner, Russell Lee Jr.	Veterans Administration Hospital, Houston
Warkentin, Harold John	Methodist Hospital, Dallas
Wexler, Ralph Martin	Denver General Hospital, Denver, Colo.
White, Ben Henson	Veterans Administration Hospital, Houston
Williford, Carl Ed	Massachusetts Memorial Hospitals, Boston, Mass.
Wood, James Edward	The University of Oklahoma Hospitals, Oklahoma City, Okla.

MASTER OF MEDICAL ART

Smith, McDonald

REGISTER OF STUDENTS, 1951-1952

SCHOOL OF MEDICINE

FIRST YEAR

(September 10, 1951--May 31, 1952)

(Candidates for Graduation, June, 1955)

Name	Town	Name	Town
Acevedo, Jorge Enrique.....	El Paso	Dugan, Mildred Claire.....	Fort Worth
B.A., Texas Western, 1950.		B.A., Texas Christian, 1951.	
Adlof, Carolyn Marie.....	Three Rivers	Dunn, Marvin Richard.....	Abilene
B.A., Texas, 1951.		B.A., Hardin-Simmons, 1951.	
Albright, James Edward.....		Dyess, Nelson Hart.....	Vernon
.....	New Braunfels	B.A., Hardin-Simmons, 1951.	
B.S., St. Edward's, 1951.		Elmendorf, Ernest Arnold.....	San Antonio
Allen, Sam Thomas.....	Lamesa	Fadal, Richard George.....	Waco
B.S., Northwestern, 1951.		B.S., Baylor, 1952.	
Baker, Bryant Orland, Jr.....	Dallas	Fender, Thomas Henry, Jr.....	Amarillo
Baker, Ray Don.....	Amarillo	B.A., Baylor, 1951.	
B.A., Texas Technological College, 1951.		Fisher, Joseph Newton.....	Dallas
Balcolm, William Harvey, Jr.....		Foster, Daniel Willett.....	El Paso
.....	Corsicana	B.A., Texas Western College, 1951.	
B.A., Baylor, 1951.		Foster, Fred Memnon.....	Dallas
Baldwin, Marion Charles Ludy.....		Foy, James D.....	Uvalde
.....	Abilene	B.S., Baylor, 1951.	
B.S., Clemson Agricultural College, 1939.		Fuller, Charles Herschel.....	Longview
Barnard, Paul, Jr.....	Dallas	B.S., Agricultural and Mechanical College	
B.S., Southwest Texas State Teachers Col-		of Texas, 1951.	
lege, 1948; M.A., 1949.		Fuller, David Story.....	Abilene
Barron, Helen.....	Athens	B.A., Hardin-Simmons, 1951.	
B.A., Southern Methodist, 1937.		Fulton, Joanne.....	Notrees
Belkin, Gerald Albert.....	Houston	B.S., Eastern New Mexico, 1951.	
B.A., California, 1951.		Gibbons, Raymond Robert.....	Dallas
Blaugrund, Stanley Marvin.....	El Paso	Glenn, Thomas Lane.....	Rockwall
Bone, Mary Alice.....	Jacksonville	B.S., East Texas State Teachers College,	
B.S., Trinity, 1951.		1951.	
Boston, Don Wayne.....	Dallas	Godfrey, William Aubrey, Jr.....	Dallas
Burns, Bobby Richard.....	Wichita Falls	Golightly, Chester Gene.....	McLean
Caperton, Clyde Milton.....	Marlin	B.A., Texas Technological College, 1951.	
Chester, Catherine Payne.....	Dallas	Gomez, Frank.....	Irving
B.A., Texas, 1951.		Gottheil, Edward.....	Houston
Cochran, Werdna Foster.....	Lancaster	Ph.D., Texas, 1951.	
B.A., Texas, 1945.		Harding, Robert Joseph.....	Fort Worth
Conyers, Loyd Wilson.....	Dallas	Harrison, Robert Joe.....	Dimmitt
B.S., North Texas State College, 1941; M.S.,		B.A., McMurry College, 1951.	
1946.		Henderson, Clyde Douglas, Jr.....	
Corbet, Paul A., Jr.....	Miller Grove	.....	Honey Grove
Daughety, Jewel Simpson.....	Linden	Henry, Raymond Lee.....	Kingsville
B.A., North Texas State Teachers College,		B.S., Texas College of Arts and Industries,	
1951.		1951.	
Day, Ancie Fred, Jr.....	Robstown		

Name	Town	Name	Town
Horton, Rheta Joann	Odessa	Sills, Eulan Garrett	Evant
Hughes, William Emmett	Fort Worth	B.A., Texas, 1951.	
Jones, Lawrence Richard	Dallas	Smith, George Wilson	Dallas
B.A., Southern Methodist, 1949; M.S., 1950.		B.A., Agricultural and Mechanical College of Texas, 1940.	
Kearby, Norma Lou	Dallas	Smith, James Phillip	Fort Worth
Kelly, John Franklin, Jr.	Dallas	Smith, John Houston	Fort Worth
Kerr, Roy Charles	Sherman	Sosebee, Lee Allen	Anson
B.A., Austin College, 1951.		B.S., Abilene Christian College, 1952.	
Kilman, William James	Fort Worth	Spier, Werner Emanuel	El Paso
King, Virgil Munal	Dallas	B.A., Texas Western College, 1952.	
Kleinman, Isaac	Dallas	Sponsler, Lenore	Houston
B.A., Texas, 1949; M.A., 1951.		B.A., Baylor, 1951.	
Laws, Raymond Earl	Wichita Falls	Statman, Jerome Maurice	Dallas
B.S., Midwestern, 1951.		Sutton, William Claude	Nocona
Lee, David Frederick	Fort Worth	Tallant, Arthur Nilon	Denver City
B.A., Texas Christian, 1951.		Tatum, James Earl, Jr.	Fort Worth
Lee, Robert Joe	Fort Worth	Thomason, Montv Don	Abilene
Lehman, Irwin	Tahoka	B.A., McMurry College, 1951.	
Lesch, Warren Robert	Dallas	Vardy, Richard Lee	Lubbock
B.S., Monmouth, College, 1950.		B.A., Texas Technological College, 1951.	
MacDonald, Paul Cloeren	Dallas	Vinevard, John Pendleton, Jr.	Dallas
Matejka, Robert Earl	Dallas	Walker, Kerfoot Pollock, Jr.	
B.A., Hardin-Simmons, 1951.		B.A., Hardin-Simmons, 1951.	Harlingen
Mathis, Kenneth Gerhart	Fort Worth	Warden, Don Page	Austin
B.S., Texas Christian, 1952.		Waterman, William Edwin	Paris
McAmis, Robert James	Fort Worth	Watson, William Lake	Teague
McDonald, DeWard DeWitt	Wichita Falls	B.A., Texas, 1951.	
McPherson, James Cyril, Jr.	Dallas	Weiss, Leroy Emil	Seguin
B.S., North Texas State Teachers College, 1946.		B.S., Southwestern, 1949.	
Merritt, Robert Homer, Jr.	Snyder	White, Oscar D., Jr.	Wichita Falls
Nelson, Charles Leonard	Dallas	B.S., Midwestern, 1951.	
Noguera, Ignacio	El Paso	Wilkerson, Walter Dumas	Conroe
B.S., Texas Western College, 1950.		B.S., Agricultural and Mechanical College of Texas, 1951.	
Perry, Malcolm Oliver	Dallas	Williams, Earl	Abilene
B.S., Texas, 1951.		B.A., Harlin-Simmons, 1949.	
Porterfield, D. G.	Grapevine	Williams, J. O., Jr.	Houston
B.S., Texas Technological College, 1951.		B.S., Baylor, 1948; M.S., Houston, 1951.	
Regnier, Thomas Ambrose	Dallas	Williams, John Riley, Jr.	Dallas
B.A., Texas, 1952.		Wilson, Bruce Frank	Austin
Reid, Allen Francis	Dallas	Wilson, Jean Donald	Hillsboro
B.S., Minnesota, 1940; A.M., Columbia, 1942; Ph.D., 1943.		B.A., Texas, 1951.	
Ribble, John Charles	Paris	Witten, James Fair	Dallas
Salem, Robert Joe	Sudan	Wood, Thomas Preston, Jr.	Jacksboro
B.A., Texas Technological College, 1950.		Woods, Betty Jo	Dallas
Sanders, Charles Addison	Dallas	B.A., Texas, 1951.	
Schulze, John Paul	Cotulla	Young, James Whitehurst	Houston
B.S., Southwestern, 1951.		B.S., Sul Ross State College, 1951.	
		Zimmerman, Stanley Jay	Houston

SECOND YEAR

(September 10, 1951-May 31, 1952)

(Candidates for Graduation, June, 1954)

Name	Town	Name	Town
Alderete, Joseph Frank	El Paso	Gollihar, William Paige	Spur
Baxter, Charles Rufus	Paris	Gorman, James Aubrey, Jr.	San Antonio
Blonkvist, Brent Garland	Pampa	B.S., Trinity, 1950.	
B.A., Texas Technological College, 1950.		Green, Willie Joe	Lufkin
Boynton, Buck William	Houston	B.S., Stephen F. Austin State College, 1950.	
B.A., Texas, 1950.		Guerra, Lauro Genaro	Mission
Brown, Chadwick Grazier	Tyler	B.A., Texas, 1947.	
B.A., Texas, 1950.		Gunn, John Bridge	Columbus
Burkhalter, Archie Herman	Pasadena	B.S., Stephen F. Austin State College, 1951.	
B.A., Duke, 1948.		Gwynne, Andrew Dunn, III	Dallas
Cade, James Robert	San Antonio	B.S., Southern Methodist, 1950.	
Campbell, Donovan	Tyler	Harle, Harold Lewis	Rosenberg
B.A., Texas, 1947; M.A., 1950.		Harrell, Andrew Jackson	San Antonio
Carter, Peter Joseph	Fort Worth	B.A., Baylor, 1950.	
B.A., Louisiana State, 1949.		Harris, Oscar Terrell, Jr.	Cleburne
Chatwell, J. W.	Sudan	Haseltine, David Crittenden	Dallas
B.A., Texas Technological College, 1950.		B.A., Southern Methodist, 1950.	
Clements, James Howell	Hamlin	Haslund, Thomas Marvin	Freeport
Cohn, Robert Leon	Fort Worth	B.A., Rice Institute, 1950.	
B.S., Texas Wesleyan College, 1949.		Hatch, Garth Spilsbury	El Paso
Cooper, Harold N.	San Antonio	B.A., Texas Western College, 1950.	
B.S., Trinity, 1951.		Hathaway, Clinton Russell, Jr.	Texarkana
Cooper, Jack Crawford	Dallas		
B.A., Rice Institute, 1950.		Hester, Fletcher	Brownfield
Council, Frank Clifton, Jr.	Grand Prairie	B.A., Hardin-Simmons, 1948.	
		Hill, James Richard	Fort Worth
Crossno, Joe David	Sterling City	B.A., Texas Christian, 1950.	
B.S., Abilene Christian College, 1950.		Hoovestol, Paeder Joel	Houston
Cushing, Ivan Ebert, Jr.	Fort Worth	B.A., Baylor, 1948; M.A., Houston, 1950.	
B.S., Texas Christian, 1941; M.S., 1948.		Horn, Joseph Jack	Wellington
Dees, Doyce B., Jr.	Fort Worth	B.A., Texas, 1950.	
B.S., East Texas State Teachers College, 1950.		Jordan, Jack	Dallas
Delmer, Merle Wade	Fort Worth	B.B.A., Texas Technological College, 1941.	
Don, Rita Louisa	El Paso	Kaplan, Norman Mayer	Dallas
B.A., Texas College of Mines and Metallurgy, 1942.		Keglovits, Michael Joseph	McKinney
Dyo, Kaoru	El Paso	Kempe, William Wendell	Dallas
Ehrlich, James Wilson	Austin	B.S., Abilene Christian College, 1950.	
B.A., Texas, 1950.		Kimsey, Larry Rex	Carrollton
Eisenlohr, John Edward	Dallas	Knowles, William Roy	Gilmer
B.A., Rice Institute, 1950.		Laycock, Royce	McLean
Elliott, John Stanley	LaTuna	B.A., Texas Technological College, 1950.	
Fain, Jesse Randel	Dallas	Llewellyn, Thomas Hendren	New Braunfels
B.S., Abilene Christian College, 1949.			
Fisher, James Allen, Jr.	Dallas	Marable, Gerald Lawayne	Amarillo
Galvan, Oscar Arispe	San Antonio	B.A., Texas, 1950.	
B.A., Texas, 1947; B.S., 1949.		Mathews, Paul Wootten, Jr.	Dallas
Glenn, Theodore James	Alto	B.A., Southern Methodist, 1950.	
B.S., Sam Houston State Teachers College, 1950.			

Name	Town	Name	Town
McCoy, Buster Eugene	Grand Prairie	Rector, Floyd Clinton, Jr.	Lubbock
B.S., Southern Methodist, 1950.		B.A., Texas Technological College, 1950.	
McLeroy, Robert Lee	Center	Reeder, John William, Jr.	Amarillo
B.S., Southwest Texas State Teachers College, 1950.		B.S., B.A., Texas, 1949.	
Miller, Alan Newton, II	Waco	Roberts, Albert Dee	Houston
Miller, John Bridges	Snyder	B.S., Southern Methodist, 1952.	
Mims, Joe Milton	Palestine	Ross, William Ferdinand	
B.S., Southwestern, 1943.			Mt. Enterprise
Mitchell, Jere Holloway	Longview	Royer, Emmett Morgan	Brownfield
B.S., Virginia Military Institute, 1950.		B.S., Baylor, 1948; M.A., Texas, 1950.	
Mobley, Henry Brown	Dallas	Ruiz, Agustin Martinez	El Paso
B.A., Texas, 1950.		Savage, James Munroe	Fort Worth
Montgomery, John Edgar	San Antonio	B.A., Texas Christian, 1950.	
Moore, Louis George	Midland	Sheldon, Robert Burnett	Beaumont
Morris, Alfred Eugene	Henderson	B.A., Texas, 1950.	
B.A., North Texas State College, 1950.		Smith, Elsie Alice	Austin
Morrow, Philip Raymond	Sherman	Somer, Joseph	Dallas
B.A., Austin College, 1950.		Sosebee, Winnie Jo	Anson
Murphy, Thomas Patrick, Jr.	Dallas	B.S., Abilene Christian College, 1950.	
Nowell, Dora Jean	Houston	Sterck, David Trent	Fort Worth
B.S., Texas Wesleyan College, 1950.		Stewart, Roy Ben	El Paso
O'Banion, John William	Garland	B.A., Texas Western College, 1948.	
Ott, William Mayo	Fort Worth	Swindell, Samuel Waddy	
B.A., North Texas State Teachers College, 1949.			Nacogdoches
Payne, Frank Corry, Jr.	Breckenridge	B.S., East Texas State Teachers College, 1950.	
B.A., Southern Methodist, 1950.		Taylor, Douglas Wilson	Austin
Polk, Vernon Thomas	San Augustine	Walling, Otto Charles, Jr.	
Ponder, Billy Frank	Wichita Falls		Sulphur Springs
B.S., Hardin College, 1949.		B.S., East Texas State Teachers College, 1950.	
Portwood, Richard Meyers		Weiner, Bernard Samuel	Terrell
	San Antonio	White, James Bingham	Brownwood
Powers, Ace Gibson	Abilene	B.S., Texas Christian, 1951.	
B.A., Hardin-Simmons, 1950.		Williams, Pat	Spur
Rayfield, Roy Clifton	Tyler	Willis, Selwyn Arthur	Nocona

THIRD YEAR

(September 10, 1951-May 31, 1952)

(Candidates for Graduation, June, 1953)

Name	Town	Name	Town
Allen, Francis Arnold	Pharr	Beavers, William Robert	Hillsboro
Allman, Robert Moss, Jr.	Dallas	Bishop, Calvin Franklin	San Benito
B.A., Southern Methodist, 1948.		B.S., Baylor, 1950.	
Andrew, John Gray	Houston	Blackwell, Hullon Lindon	
B.A., Rice Institute, 1947.			Tailorsville, Miss.
Ballew, Charles Harrison	Rising Star	B.S., Mississippi, 1948.	
B.A., Texas Technological College, 1949.		Boehning, Harold Clark	Abilene
Barron, Stewart Sutherland		Bondy, Robert Clarence, Jr.	Laredo
	Nacogdoches	B.A., Texas, 1949.	
B.S., Stephen F. Austin State College, 1943.		Boone, Carroll Leon	Weimar
Barton, Johnny Mac	Kilgore	Brunken, Robert Byrt	Tripp, N. Dak.
B.A., B.S., North Texas State College, 1949.		B.A., South Dakota, 1949.	

Name	Town	Name	Town
Budd, Robert George	Dallas	Hilliard, Joe Bob	Grand Saline
B.S., Oklahoma, 1944.		B.S., Agricultural and Mechanical College of Texas, 1949.	
Burke, Leon Orville	Norwood, Mo.	Hinckley, Herbert McDonald	Dallas
B.A., Missouri, 1949.		Holloway, Donald Calvin	Dallas
Burross, Don Clifford	Wichita Falls	B.S., Baylor, 1950.	
B.S., Hardin College, 1949.		Holt, Norris Errol	Carthage
Carter, Norman Ward	Phoenix, Ariz.	B.A., Stephen F. Austin State College, 1948.	
Chevis, Edward Gibbon	Port Arthur	Horner, Bernard Gentzen	San Antonio
Christiansen, Philip Albert		B.S., Texas, 1946.	
	Oklahoma City, Okla.	Huffman, Phyllis Jean	
B.S., Baylor, 1950.			Aberdeen, S. Dak.
Cox, Robert Graham	Dallas	B.A., South Dakota, 1947.	
B.S., Agricultural and Mechanical College of Texas, 1946.		Irvine, James, Jr.	Fort Worth
Crane, William Darrah		B.S., Texas Christian, 1950.	
	Fairview, Okla.	Kahler, Edward Clayton	Cameron
B.S., Oklahoma, 1949.		Keele, Doman Kent	Sallisaw, Okla.
Cristol, David Asher	Fort Worth	B.A., Texas, 1949.	
B.S., Texas Christian, 1950.		Keller, John Henry, Jr.	Centerville
Dalkowitz, Marcus B.	San Antonio	Kemper, Roy Frank	Abilene
B.S.C., St. Mary's, 1947.		Kilgore, Bassett Blanton	Dallas
Davidson, Joseph William, Jr.		B.S., Southern Methodist, 1951.	
	Corpus Christi	Lampert, Morris Hyman	San Antonio
B.A., Texas Christian, 1948.		B.S., Trinity, 1949.	
Deets, Kenneth Harlan	Olney	Lanier, Ernest Wilson	Groves
B.S., North Texas State College, 1949.		LaPrade, William Hubert	Waxahachie
Dennison, Robert Alfred, Jr.	Weslaco	B.A., Southern Methodist, 1948.	
B.A., Texas, 1949.		McCauley, Henry Leake, Jr.	Dallas
Doss, George Weston	Matador	B.S., Southern Methodist, 1951.	
B.A., Baylor, 1949; B.S., 1950.		McCord, Don Lewis	Vernon
Dunn, John Paul	Pecos	McKee, France Austin, Jr.	Fort Worth
B.S., Abilene Christian College, 1949.		B.A., Texas Christian, 1949.	
Ellis, Paul Roscoe	Sherman	McLarty, Ewing Sinks, Jr.	Galveston
Etheridge, John Morgan	San Antonio	McRaney, Voss, Jr.	Mt. Olive, Miss.
B.A., Texas, 1949.		B.A., Mississippi, 1951.	
Fabian, Harold Frank	Raymondville	Merritt, Ben Clarence, Jr.	Dallas
Faykus, Max Henry	Garwood	B.A., Southern Methodist, 1949.	
B.S., East Texas State Teachers College, 1949.		Morton, Edward Dwayne	Talpa
Gates, Joseph Winston	Amarillo	B.S., McMurry College, 1948.	
B.A., McMurry College, 1949.		Oles, Charles Patrick	Amarillo
Goldfarb, Irvin Joseph	El Paso	B.A., Texas, 1949.	
B.A., Texas College of Mines and Metallurgy, 1948.		Orr, Marjorie Kathleen	Mineral Wells
Goldman, Winfrey Wozencraft, Jr.		B.A., Texas State College for Women, 1940.	
	Dallas	Owens, Henry Birkner	Austin
B.S., Southern Methodist, 1951.		B.A., Texas, 1949.	
Greathouse, Claude Wade, Jr.		Owrey, Norman David	
	Corpus Christi		Oklahoma City, Okla.
B.S., Southwestern, 1949.		B.A., Oklahoma Baptist, 1948.	
Griswold, James Arnold	Midland	Pink, Erwin Gustave	Wichita Falls
Hennington, Rex Harold	Fort Worth	Pitman, Gerald Gene	Bettie
B.A., Texas Christian, 1949.		B.S., Baylor, 1950.	
Hernandez, Onesimo	Dallas	Ponder, Billy Frank	Wichita Falls
B.A., Southern Methodist, 1951.		B.S., Hardin College, 1949.	
Hester, Fletcher	Brownfield		
B.A., Hardin-Simmons, 1948.			

Name	Town	Name	Town
Rainone, Frank Anthony, Jr.	Arlington	Tandy, Charles Courts	Abilene
B.A., Rochester, 1946.		B.A., Hardin-Simmons, 1949.	
Reed, George Alexander	San Antonio	Thomas, William Ralph	Graham
B.S., Trinity, 1950.		B.S., Southern Methodist, 1949.	
Rhodes, Edward Lamar	Fort Worth	Tout, Robert Calvin	Follett
B.S., Southern Methodist, 1949.		Usrey, David Charles	Dallas
Robinson, Dean Gardner	LeFors	B.S., North Texas State College, 1949.	
B.A., Austin College, 1948.		Van Cleave, Charles Edward, Jr.	Waco
Rose, Patrick Franklin	Dallas	B.S., Baylor, 1950.	
Schlegel, Harold Fry	Hebron	Vilaro, Juan Ramon	Ponce, P. R.
B.S., Southern Methodist, 1949.		B.A., Polytechnic Institute of Puerto Rico, 1949.	
Seaholm, J. Arthur	Dallas	Wakefield, Robert Sylvester	Dallas
B.S., Wheaton College, 1942.		B.A., Texas, 1949.	
Sears, William Franklin	Las Cruces, N. M.	Walkup, Thomas Edward	Saratoga, Ark.
Sellers, William Arnold	Price	Watermann, C. Eugene	Hot Springs, Ark.
B.A., Texas, 1949.		B.S., Southern Methodist, 1951.	
Shaw, George Walter	Tripp, S. Dak.	Wilder, Felix Francis	Dallas
B.S., South Dakota, 1951.		B.S., Southern Methodist, 1949.	
Simmons, Belvin Arbie	Leander	Williams, Billie Jean	Orange
B.A., Texas, 1940.		B.A., Baylor, 1949.	
Simon, Ralph Elbert, Jr.	Iraan	Williams, Glenn Roy	Abilene
B.S., Baylor, 1949.		B.A., Baylor, 1949.	
Skinner, William Thomas	Smithville	Williams, Marion Jack	Floresville
Smith, Marion Lawrence	Santa Fe, N. M.	B.A., Houston, 1949.	
Spence, Joseph West, Jr.	Waco	Wilson, Anthony John	Galveston
B.A., Baylor, 1947.		Winslow, Grover Cleveland, Jr.	Palestine
Steph, Donal Wray	Byers	B.S., Southwestern, 1949.	
Stevenson, Stanley Lee	Abilene	Yarbrough, Ocie Carl	Baird
Stewart, Allen T., Jr.	Lubbock	B.S., McMurry College, 1948.	
B.A., Texas Technological College, 1949.			
Story, Fred Lee	Ennis		
B.A., Texas, 1949.			

FOURTH YEAR

(September 10, 1951-May 31, 1952)

(Candidates for Graduation, June, 1952)

Name	Town	Name	Town
Adams, Erie Dell	Lubbock	Binion, John Telemichus	Commerce
Adwan, Kenneth Oscar	Oklahoma City, Okla.	B.S., East Texas State Teachers College, 1948.	
B.S., Oklahoma, 1949.		Bondurant, Drewry Clark	Lubbock
Anderson, Flora Katherine	Abilene	B.A., Texas Technological College, 1947.	
B.A., Hardin-Simmons, 1948.		Caldwell, Joe Buck	Kaufman
Ansley, Leslie Ray	Lamesa	B.A., North Texas State College, 1948.	
Arbuckle, Bertrand Duane	Corpus Christi	Campbell, Robert Douglas	Dallas
B.S., Texas College of Arts and Industries, 1948.		B.S., Southern Methodist, 1948.	
Archer, John Robert	Amarillo	Castleberry, Lawrence McKelvy	Albany
B.A., Texas, 1952.		B.S., Agricultural and Mechanical College of Texas, 1952.	

Name	Town	Name	Town
Causey, Oscar Milton.....	Birmingham, Ala.	Laramore, Dorothy Causey.....	McKinney
B.A., Howard College, 1943.		B.S., Texas, 1944.	
Chancellor, Harbert Clarence, Jr.....	Dallas	Lewis, Elbert Hampton.....	Denton
Collazo, Cesar Augusto.....	Juncos, P.R.	B.S., North Texas State College, 1950.	
B.S., Puerto Rico, 1944.		Loeb, Ellen Ilse.....	Dallas
Connor, Robert Brevard.....	Daingerfield	Marrow, William Spencer.....	Quanah
B.S., Houston, 1947; M.S., 1948.		McAlister, James Reid.....	Denton
Crisp, George Olen, Jr.....	Kaufman	B.S., North Texas State College, 1948.	
B.S., Southern Methodist, 1950.		Moore, Kendall Huntley.....	Dallas
Davis, Jeff Hugh.....	Levelland	Morgan, James Roderick.....	Kennard
B.S. in E.E., Texas Technological College		B.A., Texas, 1948.	
1944.		Ollerton, Robert Milton Phoenix, Ariz.	
deLarios, Arthur Trinidad.....	Dallas	B.S., Brigham Young, 1949.	
B.S., Baylor, 1949.		Pierce, John Rush.....	Dallas
Downs, Haskell Edward.....	Fort Worth	B.S., Southern Methodist, 1950.	
Epps, Turner Darnell.....	Dallas	Pullen, Charles.....	Flagstaff, Ariz.
Feinberg, Walter David.....	Clovis, N.M.	B.S., Arizona State College, 1948.	
B.A., Rice Institute, 1948.		Reasonover, Farley Straughn.....	Dallas
Fogleman, James Douglas.....	Dallas	Renfro, Thomas Wilson.....	Mt. Pleasant
Gilbert, James Walter.....	Wichita Falls	B.B.A., Southwestern, 1947; B.S., East Texas	
Gladstone, Larry Allen.....	El Paso	State Teachers College, 1948.	
Goldsmith, James Paul.....	Quitman	Robins, Keith Ivan.....	Dallas
B.S., M.S., East Texas State Teachers Col-		B.S., Southern Methodist, 1950.	
lege, 1947.		Robinson, David Lee.....	Dallas
Grossman, Maurice Sidney.....	Corpus Christi	Rountree, John Robert.....	Dallas
B.A., Texas, 1948.		B.S., Southern Methodist, 1950.	
Halden, Edgar Richard, Jr.....	Austin	Sewell, James Woodward.....	Dallas
B.A., Texas, 1951.		B.S., Southern Methodist, 1948.	
Hanna, Homer Harold.....	Breckenridge	Shepard, Marvin Glenn.....	Nacogdoches
Hardey, Carlton Eugene.....	Lubbock	B.A., Texas, 1948.	
B.A., Texas Technological College, 1947.		Shropulos, George Peter.....	Dallas
Harris, William Sands.....	Pittsburg	Silverthorne, John Diener.....	Dallas
B.A., Southern Methodist, 1948.		B.S., Southern Methodist, 1950.	
Harrison, Edwin Sanders.....	Fort Worth	Smith, Loyd Calvin.....	Sanderson
B.A., Texas Christian, 1948.		B.S., Agricultural and Mechanical College of	
Hataway, Garrett Arthur.....	Athens	Texas, 1950.	
B.A., Texas, 1948.		Smith, Wright K., Jr.....	Dallas
Haynes, William McCubban.....	Dallas	B.S., Southern Methodist, 1948.	
B.A., Southern Methodist, 1948.		Sparr, Richard Arthur.....	Dallas
Herndon, Ernest Thompson.....	Dallas	Spratt, John Stricklin, Jr.....	Dallas
B.A., Southern Methodist, 1948.		Stuntz, Homer Clyde.....	Dallas
Hodges, Lester Arlander.....	Dallas	B.A., Texas, 1948.	
B.S., East Texas State Teachers College, 1948.		Teel, Theodore Trevanian, Jr.....	Dallas
Jones, Homer Clay, Jr.....	Thoreau, N.M.	B.S., Southern Methodist, 1950.	
B.A., Southern Methodist, 1948.		Tompkins, Frances Lora.....	Dallas
Jones, Robert Forrester.....	Dallas	Turner, Russell Lee, Jr.....	Houston
Jordan, Jack Grundy.....	Tulia	Warkentin, Harold John.....	Premont
B.S., Texas, 1947.		B.A., Baylor, 1948.	
Kane, John Redding.....	Dallas	Wexler, Ralph Martin.....	Texarkana
B.A., Arizona, 1948.		B.S., Louisiana State, 1947.	
Knight, Ralph Walker.....	Wichita Falls	White, Ben Henson.....	Brady
B.S., Agricultural and Mechanical College of		B.A., Texas Christian, 1944.	
Texas, 1948.		Williford, Carl Ed.....	Fairfield
		B.S., Southwestern, 1948.	
		Wood, James Edward.....	Okmulgee, Okla.

MEDICAL ART

FIRST YEAR

(September 10, 1951-May 31, 1952)

(Candidates for Graduation, June 1, 1953)

York, Billye Marie.....	Lufkin	Young, Aileen.....	Flushing, N.Y.
B.A., Stephen F. Austin State Teachers Col- lege, 1943.		B.A., Marietta College, 1951.	

SECOND YEAR

(September 10, 1951-May 31, 1952)

(Candidate for Graduation, June 2, 1952)

Smith, McDonald	Dallas
B.A., Texas, 1947.	

REGISTER OF STUDENTS, 1952-1953

SCHOOL OF MEDICINE

FIRST YEAR

(September 8, 1952-May 30, 1953)

(Candidates for Graduation, June, 1956)

Name	Town	Name	Town
Adams, John Truett.....	Wichita Falls	Ehrhardt, John Allen.....	Dallas
B.A., Baylor, 1952.		Ewing, Dwight Sherwood.....	Corpus Christi
Akin, Jack Wallace.....	Baytown	Furr, Glen Eugene.....	El Paso
B.A., Texas, 1951.		B.A., Texas Western College, 1952.	
Archer, Richard Keys.....	Amarillo	Gafford, Gordon Mayfield.....	Electra
Atkinson, Basil Eric, Jr.....	Lufkin	B.A., Southern Methodist, 1949.	
B.A., Stephen F. Austin State College, 1952.		Gee, Billy Bob.....	Osceola
Avera, Eldridge Franklin.....	Dallas	Gough, John Lysius.....	Temple
Balcolm, William Harvey, Jr.....	Corsicana	Gray, Jack Allan.....	Arlington
B.A., Baylor, 1951.		Gregory, Carroll Dean.....	Dimmitt
Barnett, Jack Alvis.....	Bovina	Griffin, John Edward.....	Abilene
B.S., West Texas State College, 1948.		B.S., Hardin-Simmons, 1948.	
Beck, Jay Mortimer.....	Dallas	Guevara, Santiago Fernandez, Jr.....	El Paso
Bell, Charles Douglas.....	Dallas		San Antonio
B.A., Texas, 1952.		Harle, Raymond Paul.....	
Bernhard, Ernest Rubin, Jr.....	Fredericksburg	B.S., B.A., Texas, 1949.	
B.S., Texas Lutheran College, 1952.		Harris, Howell Petrey.....	Austin
Boone, Hal Buckner.....	Dallas	B.A., Southern Methodist, 1950.	
B.A., Baylor, 1948.		Harris, Rudolph John.....	Houston
Brandon, Donald English.....	Dallas	B.A., Houston, 1950.	
B.A., Colorado, 1952.		Harris, Thomas William.....	Henderson
Burk, Billy Don.....	Snyder	Hays, Johnnie Wayne.....	Ballinger
B.A., Texas, 1951.		B.S., McMurry College, 1952.	
Burkhart, Kelly Paul.....	Corsicana	Hill, Eddie Prece.....	Abilene
B.A., Southwestern, 1952.		B.A., McMurry College, 1952.	
Cain, Charles Raymond.....	Hallsville	Hilz, James Michael.....	Pilot Point
Campbell, Charles Franklin.....	Dallas	Hough, Travers Eugene, Jr.....	Harlingen
B.S., Southern Methodist, 1949.		Jabalie, Edward Nasif.....	El Paso
Carnes, Sudie Marie.....	San Antonio	Jerome, Johnnie Jeff.....	Dallas
B.S., Trinity, 1952.		Johnson, Samuel Lowell.....	San Angelo
Carroll, Mark Twain.....	Sidney	Johnston, Louis Coleman.....	Waxahachie
B.A., Howard Payne College, 1952.		Jones, John William.....	Dallas
Casso, Ramiro Raul.....	McAllen	Killingsworth, Mary Louise.....	Fort Worth
B.S. in M.E., Baylor, 1943; B.A., 1952.		B.S. in Phar., Texas Wesleyan College, 1947.	
Comer, Beryl Robert.....	Longview	Kirschner, Rudolf.....	Houston
Cook, James Thomas.....	Tyler	B.S., Houston, 1950; M.A., 1951.	
Cottle, Kenneth Edward.....	Brady	Lancaster, Malcolm Clayton.....	Amarillo
Dawson, George Albert.....	Georgetown	Lawley, Wrayman Randle.....	Fort Worth
B.S., Southwestern, 1952.		B.A., Texas Christian, 1952.	
Dees, Tom Moore.....	Dallas	Lee, Dorothy.....	Dallas
De Shazo, Billy Wood.....	Dallas		
B.S., Southern Methodist, 1952.			

Name	Town	Name	Town
Lefkowitz, Lewis B., Jr.	Dallas	Riedel, Albert Frederick, Jr.	Fort Worth
B.A., Southern Methodist, 1951.		B.A., Texas, 1950.	
Lettieri, Michael Frank	Dallas	Ross, Jack Lewis	Levelland
B.A., Southern Methodist, 1952.		Russel, Richard Robert	Dallas
Lindsey, Jene Hall	Wichita Falls	Schlamme, Jutta Vera	San Antonio
Loftis, James Stewart	Dallas	Seibel, Aron Sol	Galveston
Longley, Neill Byron	Andrews	B.S., Houston, 1952.	
B.A., Texas Western College, 1952.		Sharp, Doyle Louis	Texarkana
Lowry, George Eugene	Houston	B.A., Texas Western College, 1952.	
Machen, Robert Neil	Gilmer	Sheehan, Valerie Agatha	Grapevine
McCaleb, Morgan Hoy	Amarillo	Sisk, Walter Lee, Jr.	Saginaw
B.A., Texas Western College, 1952.		B.S., East Texas Baptist College, 1950.	
McElroy, Delmer, Guinn	Wichita Falls	Smith, Edward Lee	Clyde
McGinnis, Albert	Dallas	B.S., Abilene Christian College, 1952.	
B.A., Southern Methodist, 1943.		Snipes, Freddy Lee	Decatur
McNatt, James Kenneth	Dallas	Stanton, Elbert Harvey	Maud
B.A., B.S. in Phr., Texas, 1948.		B.S., Texas Western College, 1952.	
Moore, Donald Milner	Midland	Stokes, Melmoth Young, III	Austin
Morgan, Bill Carroll	Marshall	B.A., Texas, 1951.	
B.S., East Texas Baptist College, 1950.		Strauss, Andries Menzo	Corpus Christi
Murley, Warren Thad	Bailey	Vanderpool, Brice David	Abilene
B.A., East Texas State Teachers College, 1952.		B.S., Abilene Christian College, 1952.	
Patton, Robert Frank	San Antonio	Whalley, Peggy Joyce	Austin
Patras, Dorothy	Fort Worth	B.S., North Texas State College, 1948.	
B.S. in Medical Technology, Texas, 1941.		Whigham, William Randall	McAllen
Paule, James Mitchel	Dallas	B.A., Texas, 1952.	
B.S., Juilliard School of Music, 1952.		Whissell, Dorothy Yvonne	Dallas
Perryman, Ray Worth	Denton	B.S., Southern Methodist, 1948.	
B.A., North Texas State College, 1952.		Whitley, John Truett	Chico
Potts, William Eugene	College Station	Williams, Frankie Elizabeth	Avoca
Queen, Charles Richard	Edinburg	B.A., North Texas State College, 1952.	
Radford, Lee Roy	Marlin	Wood, Edwin Murrie	Fort Worth
Ray, William Henry	Dallas	B.S. in M.E., Texas, 1947.	
Reynolds, Rolland Clinton	Dallas	Worthen, John Edgar, Jr.	Dallas
B.A., Southern Methodist, 1951.		B.S., North Texas State College, 1943;	
Richards, James Clifton, II	Lubbock	M.S., 1950.	
Richmond, James Templeton	San Antonio	Young, David Livingston	Dallas
		Zeigler, Ray Lacy	Shamrock

SECOND YEAR

(September 8, 1952-May 30, 1953)

(Candidates for Graduation, June, 1955)

Name	Town	Name	Town
Acevedo, Jorge Enrique	El Paso	Allen, Sam Thomas	Lamesa
B.A., Texas Western College, 1950.		B.S., Northwestern, 1951.	
Adlof, Carolyn Marie	Three Rivers	Baker, Bryant Orland, Jr.	Dallas
B.A., Texas, 1951.		B.A., North Texas State College, 1952.	
Albright, James Edward	New Braunfels	Baker, Ray Don	Amarillo
B.S., St. Edward's, 1951.		B.A., Texas Technological College, 1951.	

Name	Town	Name	Town
Baldwin, Marion Charles Ludy.....	Abilene	Godfrey, William Aubrey, Jr.....	Dallas
B.S., Clemson Agricultural College, 1939.		B.A., Baylor, 1952.	
Belkin, Gerald Albert.....	Houston	Golightly, Chester Gene.....	McLean
B.A., California, 1951.		B.A., Texas Technological College, 1951.	
Blaugrund, Stanley Marvin.....	El Paso	Gomez, Frank.....	Irving
Bone, Mary Alice.....	Jacksonville	Gottheil, Edward.....	Houston
B.S., Trinity, 1951.		Ph.D., Texas, 1951.	
Boston, Don Wayne.....	Dallas	Harding, Robert Joseph.....	Fort Worth
Burns, Bobby Richard.....	Wichita Falls	Harrison, Robert Joe.....	Dimmitt
Caperton, Clyde Milton.....	Marlin	B.A., McMurry College, 1951.	
Chester, Catherine Payne.....	Dallas	Henderson, Clyde Douglas, Jr.....	Honey Grove
B.A., Texas, 1951.			
Conyers, Loyd Wilson.....	Dallas	Henry, Raymond Lee.....	Kingsville
B.S., North Texas State College, 1941; M.S., 1946.		B.S., Texas College of Arts and Industries, 1951.	
Corbet, Paul A., Jr.....	Miller Grove	Horton, Rheta Joann.....	Odessa
Daughety, Jewel Simpson.....	Linden	B.S., Baylor, 1952.	
B.A., North Texas State College, 1951.		Hughes, William Emmett.....	Fort Worth
Day, Ancie Fred, Jr.....	Robstown	Jones, Lawrence Richard.....	Dallas
Delmer, Merle Wade.....	Fort Worth	B.A., Southern Methodist, 1949; M.S., 1950.	
Dugan, Mildred Claire.....	Fort Worth	Kearby, Norma Lou.....	Dallas
B.A., Texas Christian, 1951.		Kelly, John Franklin, Jr.....	Dallas
Dunn, Marvin Richard.....	Abilene	Kilman, William James.....	Fort Worth
B.A., Hardin-Simmons, 1951.		B.S., Texas Christian, 1952.	
Dyess, Nelson Hart.....	Vernon	King, Virgil Munal.....	Dallas
B.A., Hardin-Simmons, 1951.		Kleinman, Isaac.....	Dallas
Elmendorf, Ernest Arnold.....	San Antonio	B.A., Texas, 1949; M.A., 1951.	
Fadal, Richard George.....	Waco	Lee, David Frederick.....	Fort Worth
B.S., Baylor, 1952.		B.A., Texas Christian, 1951.	
Fender, Thomas Henry, Jr.....	Amarillo	Lee, Robert Joe.....	Fort Worth
B.A., Baylor, 1951.		Lehman, Irwin.....	Tahoka
Fisher, Joseph Newton.....	Dallas	Lesch, Warren Robert.....	Dallas
B.A., Texas, 1951.		B.S., Monmouth College, 1950.	
Foster, Daniel Willett.....	El Paso	MacDonald, Paul Cloeren.....	Dallas
B.A., Texas Western College, 1951.		Matejka, Robert Earl.....	Dallas
Foster, Fred Memnon.....	Dallas	B.A., Hardin-Simmons, 1951.	
Foy, James D.....	Uvalde	Mathis, Kenneth Gerhart.....	Fort Worth
B.S., Baylor, 1951.		B.S., Texas Christian, 1952.	
Fuller, Charles Herschel.....	Longview	McAmis, Robert James.....	Fort Worth
B.S., Agricultural and Mechanical College of Texas, 1951.		B.S., Texas Christian, 1952.	
Fuller, David Story.....	Abilene	McDonald, DeWard DeWitt.....	Wichita Falls
B.A., Hardin-Simmons, 1951.			
Fulton, Joanne.....	Notrees	Perry, Malcolm Oliver.....	Dallas
B.S., Eastern New Mexico, 1951.		B.S., Texas, 1951.	
Gibbons, Raymond Robert.....	Dallas	Porterfield, D. G.....	Grapevine
Gilmore, Richard.....	Dallas	B.S., Texas Technological College, 1951.	
B.S., Utah State Agricultural College, 1946; M.S., Utah, 1948; Ph.D., 1949.		Regnier, Thomas Ambrose.....	Dallas
Glenn, Theodore James.....	Alto	B.A., Texas, 1952.	
B.S., Sam Houston State Teachers College, 1950.		Ribble, John Charles.....	Paris
Glenn, Thomas Lane.....	Rockwall	Salem, Robert Joe.....	Sudan
B.S., East Texas State Teachers College, 1951.		B.A., Texas Technological College, 1950.	
		Sanders, Charles Addison.....	Dallas
		Schulze, John Paul.....	Cotulla
		B.S., Southwestern, 1951.	

Name	Town	Name	Town
Sills, Eulan Garrett.....	Evant	Warden, Don Page.....	Austin
B.A., Texas, 1951.		Waterman, William Edwin.....	Paris
Smith, George Wilson.....	Dallas	Watson, William Lake.....	Teague
B.A., Agricultural and Mechanical College of Texas, 1940.		B.A., Texas, 1951.	
Smith, James Phillip.....	Fort Worth	Weiss, Leroy Emil.....	Seguin
B.S., Texas Christian, 1952.		B.S., Southwestern, 1949.	
Smith, John Houston.....	Fort Worth	White, Jean.....	Houston
Sosebee, Lee Allen.....	Anson	B.S., Texas Wesleyan College, 1950.	
B.S., Abilene Christian College, 1952.		Wilkerson, Walter Dumas.....	Conroe
Spier, Werner Emanuel.....	El Paso	B.S., Agricultural and Mechanical College of Texas, 1951.	
B.A., Texas Western College, 1952.		Williams, J. O., Jr.....	Houston
Sponsler, Lenore.....	Houston	B.S., Baylor, 1948; M.S., Houston, 1951.	
B.A., Baylor, 1951.		Williams, John Riley, Jr.....	Dallas
Statman, Jerome Maurice.....	Dallas	Wilson, Bruce Frank.....	Austin
Sutton, William Claude.....	Nocona	Wilson, Jean Donald.....	Hillsboro
B.S., Baylor, 1952.		B.A., Texas, 1951.	
Tallant, Arthur Nilon.....	Denver City	Witten, James Fair.....	Dallas
Tatum, James Earl, Jr.....	Fort Worth	Wood, Thomas Preston, Jr.....	Jacksboro
B.A., North Texas State College, 1952.		Woods, Betty Jo.....	Dallas
Vardy, Richard Lee.....	Lubbock	B.A., Texas, 1951.	
B.A., Texas Technological College, 1951.		Young, James Whitehurst.....	Houston
Vineyard, John Pendleton, Jr.....	Dallas	B.S., Sul Ross State Teachers College, 1951.	
Walker, Kerfoot Pollock, Jr. Harlingen		Zimmerman, Stanley Jay.....	Houston
B.A., Hardin-Simmons, 1951.			

THIRD YEAR

(September 8, 1952-May 30, 1953)

(Candidates for Graduation, June, 1954)

Name	Town	Name	Town
Aldrete, Joseph Frank.....	El Paso	Cooper, Jack Crawford.....	Dallas
Baxter, Charles Rufus.....	Paris	B.A., Rice Institute, 1950.	
Blackwell, Hullon.....	Taylorville, Miss.	Council, Frank Clifton, Jr.....	
B.S., Mississippi, 1948.		.....	Grand Prairie
Blonkvist, Grent Garland.....	Pampa	Crossno, Joe David.....	Sterling City
B.A., Texas Technological College, 1950.		B.S., Abilene Christian College, 1950.	
Boynton, Buck William.....	Houston	Cushing, Ivan Ebert, Jr.....	Fort Worth
B.A., Texas, 1950.		B.S., Texas Christian, 1941; M.S., 1948.	
Brown, Chadwick Grazier.....	Tyler	Dabbs, James Murl.....	Shannon, Miss.
B.A., Texas, 1950.		B.S. in Med., Mississippi, 1950.	
Burkhalter, Archie Herman.....	Pasadena	Dees, Doyce B.....	Fort Worth
B.A., Duke, 1948.		B.S., East Texas State Teachers College, 1950.	
Cade, James Robert.....	San Antonio	Don, Rita Louisa.....	El Paso
Campbell, Donovan.....	Dallas	B.A., Texas College of Mines and Metallurgy, 1942.	
Carter, Peter Joseph.....	Fort Worth	Dunkelberg, Walter Rienzi.....	Dallas
B.A., Louisiana State, 1949.		B.S., North Texas State College, 1946.	
Chatwell, J. W.....	Sudan	Dyo, Kaoru.....	El Paso
B.A., Texas Technological College, 1950.		Ehrlich, James Wilson.....	Austin
Clements, James Howell.....	Hamlin	B.A., Texas, 1950.	
Cohn, Robert Leon.....	Fort Worth	Eisenlohr, John Edward.....	Dallas
B.S., Texas Wesleyan College, 1949.		B.A., Rice Institute, 1950.	
Cooper, Harold N.....	San Antonio	Elliott, John Stanley.....	La Tuna
B.S., Trinity, 1951.			

Name	Town	Name	Town
Fain, Jesse Randel.....	Dallas	Marable, Gerald Lawayne.....	Dallas
B.S., Abilene Christian College, 1949.		B.A., Texas, 1950.	
Fisher, James Allen, Jr.....	Dallas	Mathews, Paul Wootten, Jr.....	Dallas
Gollihar, William Paige.....	Spur	B.A., Southern Methodist, 1950.	
Gorman, James Aubrey, Jr.....		McCoy, Buster Eugene.....	Dallas
.....	San Antonio	B.S., Southern Methodist, 1950.	
B.S., Trinity, 1950.		McLeroy, Robert Lee.....	Center
Green, Willie Joe.....	Lufkin	B.S., Southwest Texas State Teachers Col- lege, 1950.	
B.S., Stephen F. Austin State College, 1950.		Miller, Alan Newton, II.....	Waco
Guerra, Lauro Genaro.....	Mission	Miller, John Bridges.....	El Paso
B.A., Texas, 1947.		Mims, Joe Milton.....	Palestine
Gunn, John Bridge.....	Columbus	B.S., 1950.	
B.S., Stephen F. Austin State College, 1951.		Mitchell, Jere Holloway.....	Longview
Gwynne, Andrew Dunn, III.....	Dallas	B.S., Virginia Military Institute, 1950.	
B.S., Southern Methodist, 1950.		Mobley, Henry Brown.....	Dallas
Harle, Harold Lewis.....	Rosenberg	B.A., Texas, 1950.	
Harrell, Andrew Jackson.....	San Antonio	Montgomery, John Edgar.....	San Antonio
B.A., Baylor, 1950.		Moore, Louis George.....	Midland
Harris, Oscar Terrell, Jr.....	Garland	Morris, Alfred Eugene.....	Laneville
Haseltine, David Crittenden.....	Dallas	B.A., North Texas State College, 1950.	
B.A., Southern Methodist, 1950.		Morrow, Philip Raymond.....	Sherman
Haslund, Thomas Marvin.....	Freeport	B.A., Austin College, 1950.	
B.A., Rice Institute, 1950.		Murphy, Thomas Patrick, Jr.....	Dallas
Hatch, Garth Spilsbury.....	El Paso	B.S., Southern Methodist, 1952.	
B.A., Texas Western College, 1950.		O'Banion, John William.....	Dallas
Hathaway, Clinton Russell, Jr.....		Ott, William Mayo.....	Fort Worth
.....	Texarkana	B.A., North Texas State College, 1949.	
Hester, Fletcher.....	Brownfield	Owens, Henry Birkner.....	Austin
B.A., Hardin-Simmons, 1948.		B.A., Texas, 1949.	
Hill, James Richard.....	Fort Worth	Pappas, Peter, Jr.....	Dallas
B.A., Texas Christian, 1950.		B.S. in E.E., Southern Methodist, 1948; B.S. in Phy., 1950.	
Hilliard, Joe Bob.....	Grand Saline	Payne, Frank Corry, Jr.....	Breckenridge
B.S., Agricultural and Mechanical College of Texas, 1949.		B.A., Southern Methodist, 1950.	
Hodges, Lucien Redding Wesson, Miss.		Phelps, Harold Dean Madison, S. Dak.	
B.S., Mississippi, 1949.		Polk, Vernon Thomas.....	San Augustine
Hoovestol, Paeder Joel.....	Houston	Ponder, Billy Frank.....	Wichita Falls
B.A., Baylor, 1948; M.A., Houston, 1950.		B.S., Hardin, 1949.	
Horn, Joe Jack.....	Wellington	Portwood, Richard Meyers.....	Dallas
B.A., Texas, 1950.		Powers, Ace Gibson.....	Dallas
Jordan, Jack.....	Dallas	B.A., Hardin-Simmons, 1950.	
B.B.A., Texas Technological College, 1941.		Rayfield, Roy Clifton.....	Tyler
Kaplan, Norman Mayer.....	Dallas	Rector, Floyd Clinton, Jr.....	Dallas
Keglovits, Michael Joseph.....	Dallas	B.A., Texas Technological College, 1950.	
Kempe, William Wendell.....	Dallas	Reeder, John William, Jr.....	
B.S., Abilene Christian College, 1950.		.....	San Antonio
Kimsey, Larry Rex.....	Dallas	B.S., B.A., Texas, 1949.	
Knowles, William Roy.....	Gilmer	Roberts, Albert Dee.....	Houston
La Prade, William Hubert Brownwood		B.S., Southern Methodist, 1952.	
B.A., Southern Methodist, 1948.		Ross, William Ferdinand.....	
Laycock, Royce.....	McLean	.....	Mt. Enterprise
B.A., Texas Technological College, 1950.			
Llewellyn, Thomas Hendren.....	Dallas		

Name	Town
Royer, Emmett Morgan.....	Brownfield
B.S., Baylor, 1948; M.A., Texas, 1950.	
Ruiz, Agustin Martinez.....	El Paso
Savage, James Munroe.....	Fort Worth
B.A., Texas Christian, 1950.	
Sheldon, Robert Burnett.....	Beaumont
B.A., Texas, 1950.	
Smith, Elsie Alice.....	Dallas
B.A., Texas, 1950.	
Somer, Joseph.....	Dallas
B.S., Southern Methodist, 1952.	
Sosebee, Winnie Jo.....	Anson
B.S., Abilene Christian College, 1950.	
Sterck, David Trent.....	Fort Worth
Stewart, Roy Ben.....	El Paso
B.A., Texas Western College, 1948.	

Name	Town
Swindell, Samuel Waddy.....	Dallas
B.S., East Texas State Teachers College, 1950.	
Taylor, Douglas Wilson.....	Austin
Wagoner, Roy Delbert.....	Mesquite
B.A., North Texas State College, 1950.	
Walling, Otto Charles, Jr.....	
Sulphur Springs	
Weiner, Bernard Samuel.....	Terrell
Westland, George Irving.....	Frazer, Mont.
B.S., Denver, 1948.	
White, James Bingham.....	Brownwood
B.S., Texas Christian, 1951.	
Williams, Pat.....	Spur
Willis, Selwyn Arthur.....	Nocona
B.A., Austin College, 1950.	

FOURTH YEAR

(September 8, 1952-May 30, 1953)

(Candidates for Graduation, June, 1953)

Name	Town
Allen, Francis Arnold.....	Pharr
Allman, Robert Moss, Jr.....	Dallas
B.A., Southern Methodist, 1948.	
Andrew, John Gray.....	Houston
B.A., Rice Institute, 1947.	
Ballew, Charles Harrison.....	Rising Star
B.A., Texas Technological College, 1949.	
Barron, Stewart Sutherland.....	Dallas
B.S., Stephen F. Austin State College, 1943.	
Barton, Johnny Mac.....	Kilgore
B.A., B.S., North Texas State College, 1949.	
Beavers, William Robert.....	Hillsboro
Bishop, Calvin Franklin.....	San Benito
B.S., Baylor, 1950.	
Boehning, Harold Clark.....	Abilene
Bondy, Robert Clarence, Jr.....	Laredo
B.A., Texas, 1949.	
Boone, Carroll Leon.....	Dallas
Brunkun, Robert Byrt.....	Tripp, S. Dak.
B.A., South Dakota, 1949.	
Budd, Robert George.....	Amarillo
B.S., Oklahoma, 1944.	
Burke, Leon Orville.....	Norwood, Mo.
B.A., Missouri, 1949.	
Burross, Don Clifford.....	Wichita Falls
B.S., Hardin, 1949.	
Carter, Norman Ward.....	Phoenix, Ariz.
Chevis, Edward Gibbon.....	Port Arthur
Christiansen, Philip Albert.....	Dallas
B.S., Baylor, 1950.	

Name	Town
Cox, Robert Graham.....	Dallas
B.S., Agricultural and Mechanical College of Texas, 1946.	
Crane, William Darrah.....	Dallas
B.S., Oklahoma, 1949.	
Cristol, David Asher.....	Fort Worth
B.S., Texas Christian, 1950.	
Dalkowitz, Marcus B.....	San Antonio
B.S.C., St. Mary's, 1947.	
Davidson, Joseph William, Jr.....	Dallas
B.A., Texas Christian, 1948.	
Deets, Kenneth Harlan.....	Olney
B.S., North Texas State College, 1949.	
Dennison, Robert Alfred, Jr.....	Weslaco
B.A., Texas, 1949.	
Doss, George Weston.....	Dallas
B.A., Baylor, 1949; B.S., 1950.	
Dunn, John Paul.....	Pecos
Ellis, Paul Roscoe.....	Sherman
Etheridge, John Morgan.....	San Antonio
B.A., Texas, 1949.	
Fabian, Harold Frank.....	Raymondville
Faykus, Max Henry.....	Garwood
B.S., East Texas State Teachers College, 1949.	
Gates, Joseph Winston.....	Amarillo
B.A., McMurry College, 1949.	
Goldfarb, Irvin Joseph.....	El Paso
B.A., Texas College of Mines and Metallurgy, 1948.	
Goldman, Winfrey Wozencraft, Jr.....	Dallas

Name	Town	Name	Town
Greathouse, Claude Wade, Jr.	Corpus Christi	Rainone, Frank Anthony, Jr.	Arlington
B.S., Southwestern, 1949.		B.A., Rochester, 1946.	
Griswold, James Arnold	Midland	Reed, George Alexander	San Antonio
Hennington, Rex Harold	Fort Worth	B.S., Trinity, 1950.	
B.A., Texas Christian, 1949.		Rhodes, Edward Lamar	Dallas
Hernandez, Onesimo	Dallas	B.S., Southern Methodist, 1949.	
B.A., Southern Methodist, 1951.		Robinson, Dean Gardner	McKinney
Hinckley, Herbert McDonald	Dallas	B.A., Austin College, 1948.	
Holloway, Donald Calvin	Dallas	Rose, Patrick Franklin	Dallas
B.S., Baylor, 1950.		Schlegel, Harold Fry	Hebron
Holt, Norris Errol	Carthage	B.S., Southern Methodist, 1949.	
B.A., Stephen F. Austin State College, 1948.		Seaholm, J. Arthur	Dallas
Horner, Bernard Gentzen	San Antonio	B.S., Wheaton College, 1942.	
B.S., Texas, 1946.		Sears, William Franklin	La Cruces, N. Mex.
Huffman, Phyllis Jean	Aberdeen, S. Dak.	Sellers, William Arnold	Price
B.A., South Dakota, 1947.		B.A., Texas, 1949.	
Irvine, James, Jr.	Fort Worth	Shaw, George Walter	Tripp, S. Dak.
B.S., Texas Christian, 1950.		B.S., South Dakota, 1951.	
Kahler, Edward Clayton	Cameron	Simmons, Belvin Arbie	Leander
Keele, Doman Kent	Dallas	B.A., Texas, 1940.	
B.S., Texas, 1949.		Simon, Ralph Elbert, Jr.	Iraan
Keller, John Henry, Jr.	Centerville	B.S., Baylor, 1949.	
Kemper, Roy Frank	Abilene	Skinner, William Thomas	Smithville
Kilgore, Bassett Blanton	Dallas	Smith, Marion Lawrence	Santa Fe, N. Mex.
B.S., Southern Methodist, 1951.		Spence, Joseph West, Jr.	Waco
Lampert, Morris Hyman	San Antonio	B.A., Baylor, 1947.	
B.S., Trinity, 1949.		Steph, Donal Wray	Abilene
Lanier, Ernest Wilson	Groves	Stevenson, Stanley Lee	Abilene
McCauley, Henry Leake, Jr.	Dallas	Stewart, Allen T., Jr.	Lubbock
B.S., Southern Methodist, 1951.		B.A., Texas Technological College, 1949.	
McCord, Don Lewis	Dallas	Story, Fred Lee	Ennis
McKee, France Austin, Jr.	Fort Worth	B.A., Texas, 1949.	
B.A., Texas Christian, 1949.		Tandy, Charles Courts	Abilene
McLarty, Ewing Sinks, Jr.	Galveston	B.A., Hardin-Simmons, 1949	
McRaney, Voss, Jr.	Mt. Olive, Miss.	Thomas, William Ralph	Dallas
B.A., Mississippi, 1951.		B.S., Southern Methodist, 1949.	
Merritt, Ben Clarence, Jr.	Dallas	Tout, Robert Calvin	Follett
B.A., Southern Methodist, 1949.		Usrey, David Charles	Dallas
Morton, Edward Dwayne	Crawford	B.S., North Texas State College, 1949.	
B.S., McMurry College, 1948.		Van Cleave, Charles Edward, Jr.	Waco
Oles, Charles Patrick	Amarillo	B.S., Baylor, 1950.	
B.A., Texas, 1949.		Vilaro, Juan Ramon	Ponce, P.R.
Orr, Marjorie Kathleen Mineral Wells		B.A., Polytechnic Institute of Puerto Rico, 1949.	
B.A., Texas State College for Women, 1940.		Wakefield, Robert Sylvester	Dallas
Owrey, Norman David	Oklahoma City, Okla.	B.A., Texas, 1949.	
B.A., Oklahoma Baptist, 1948.		Walkup, Thomas Edward	Saratoga, Ark.
Pink, Erwin Gustave	Wichita Falls	Watermann, C. Eugene	Hot Springs, Ark.
Pitman, Gerald Gene	Bettie	B.S., Southern Methodist, 1951.	
B.S., Baylor, 1950.			

Name	Town	Name	Town
Wilder, Felix Francis.....	Dallas	Williams, Marion Jack.....	Houston
B.S., Southern Methodist, 1949.		B.A., Houston, 1949.	
Williams, Billie Jean.....	Orange	Wilson, Anthony John.....	Galveston
B.A., Baylor, 1949.		Winslow, Grover Cleveland, Jr.	Dallas
		B.S., Southwestern, 1949.	
Williams, Glenn Roy.....	Abilene	Yarbrough, Ocie Carl.....	Baird
B.A., Baylor, 1949.		B.S., McMurry College, 1948.	

STATISTICAL SUMMARIES

DEGREES CONFERRED, 1944-1952

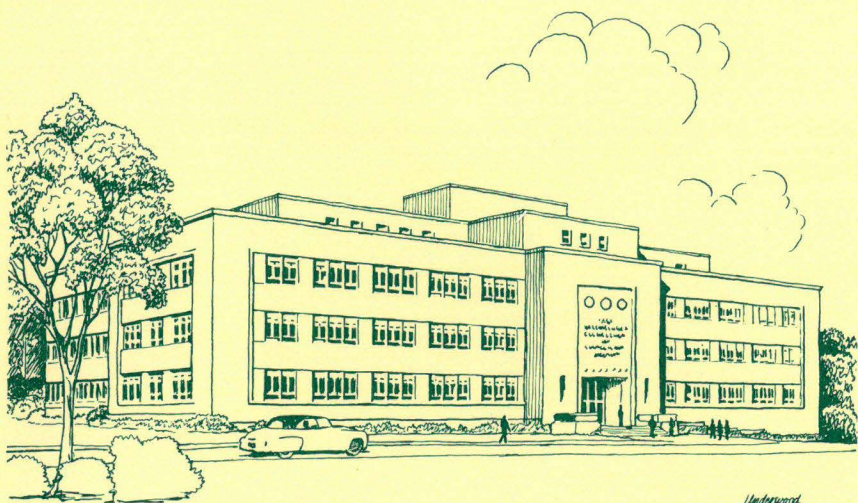
	Conferred in 1952			Total 1944-1952*		
	Men	Women	Both	Men	Women	Both
Doctor of Medicine	68	4	72	519	34	553
Master of Science	0	0	0	1	0	1
Master of Medical Art	1	0	1	6	3	9
	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
Total	69	4	73	526	37	563

SUMMARY OF STUDENTS

	September 10, 1951-May 31, 1952		
	Men	Women	Both
Medical			
Fourth Year	68	4	72
Third Year	99	3	102
Second Year	92	4	96
First Year	94	11	105
Specials	5	1	6
Medical Art			
Second Year	1	0	1
First Year	0	2	2
	<hr/>	<hr/>	<hr/>
Total	359	25	384

* Degrees conferred before 1950 were awarded by Southwestern Medical College of Southwestern Medical Foundation.

*"Ye shall know the
truth and the truth
shall make you free."*



BASIC SCIENCE BUILDING

Scheduled for completion in September, 1954