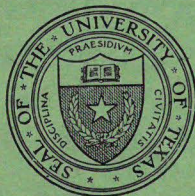


The  
Southwestern Medical School  
of  
The University of Texas

Catalogue Number: Part XIV  
Announcements for  
1949-1950 and 1950-1951



DALLAS, TEXAS



## CATALOGUE

The following bulletins comprise the Catalogue of the University:

1. Part I: Fellowships, Scholarships, Teaching Fellowships, Assistantships, Prizes, Loan Funds, Main University.
2. Part II: College of Pharmacy.
3. Part III: College of Business Administration.
4. Part IV: College of Engineering.
5. Part V: General Information, Main University.
6. Part VI: College of Arts and Sciences.
7. Part VII: Graduate School.
8. Part VIII: School of Law.
9. Part IX: Medical Branch.\*
10. Part X: College of Fine Arts.
11. Part XI: Institute of Latin-American Studies.
12. Part XII: Dental Branch.†
13. Part XIII: College of Education.
14. Part XIV: The Southwestern Medical School.‡

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\*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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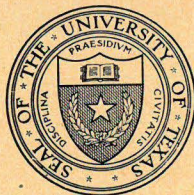


THE UNIVERSITY OF TEXAS PRESS



The  
Southwestern Medical School  
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The University of Texas

Catalogue Number: Part XIV  
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Published by  
THE UNIVERSITY OF TEXAS  
AUSTIN  
APRIL 1, 1950



*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

### OFFICERS

DUDLEY K. WOODWARD, JR., *Chairman*  
DAVID M. WARREN, *Vice-Chairman*  
ARTHUR LEE HOLT, *Secretary*

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C. O. TERRELL.....	Fort Worth
EDWARD B. TUCKER.....	Nacogdoches

#### Terms Expire January, 1953

WILLIAM E. DARDEN.....	Waco
JAMES W. ROCKWELL.....	Houston
A. M. G. SWENSON.....	Stamford

#### Terms Expire January, 1955

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

### STANDING COMMITTEES

ADMINISTRATIVE PROCEDURE AT OTHER UNIVERSITIES: Terrell, Darden, Tobin.  
ATHLETICS: Kirkpatrick, Rockwell, Swenson.  
AUDITING: Tucker, Darden, Rockwell.  
BUDGET: Warren, Kirkpatrick, Tobin.  
BUILDINGS AND GROUNDS: Tucker, Kirkpatrick, Tobin.  
COMPLAINTS AND GRIEVANCES: Rockwell, Darden, Tobin.  
EXECUTIVE: Woodward, Rockwell, Tucker.  
FINANCE: Rockwell, Swenson, Warren.  
JOURNALISM AND STUDENT PUBLICATIONS: Warren, Darden, Kirkpatrick (Special Committee).  
LAND: Darden, Swenson, Warren.  
LEGISLATIVE: Woodward, Rockwell, Tucker.  
LIBRARY: Kirkpatrick, Tobin, Warren.  
MCDONALD OBSERVATORY: Darden, Warren, Woodward.  
MEDICAL AND DENTAL BRANCHES: Terrell, Rockwell, Swenson.  
MUSEUM: Tobin, Kirkpatrick, Warren.  
PUBLIC AND STUDENT RELATIONS: Tobin, Darden, Tucker.  
TEXAS WESTERN COLLEGE: Swenson, Darden, Warren.  
BOARD FOR LEASE OF UNIVERSITY LANDS: Bascom Giles, Commissioner of the General Land Office (*ex officio*), Chairman; Swenson, Terrell.



## CALENDAR

1949-1950

### 1949

- SEPTEMBER 1-3. Registration, 9 A.M.  
SEPTEMBER 5. Labor Day holiday.  
SEPTEMBER 6. Orientation lectures.  
SEPTEMBER 7. Classes begin.  
NOVEMBER 24. Thanksgiving Day holiday.  
NOVEMBER 26. First term ends.  
NOVEMBER 28. Second term begins.  
DECEMBER 18. Christmas holidays begin.

### 1950

- JANUARY 3. Holidays end, classes resume, 8 A.M.  
MARCH 4. Second term ends.  
MARCH 6. Third term begins.  
MAY 1-3. Final examinations for fourth year.  
MAY 27. Third term ends.  
MAY 29-JUNE 3. Final examinations for first, second, and third years.  
JUNE 3. End of school year.  
JUNE 5. Graduation exercises.

### FALL TERM, 1950-1951

- SEPTEMBER 1-2. Registration.  
SEPTEMBER 6. Classes begin.



# THE SOUTHWESTERN MEDICAL SCHOOL OF THE UNIVERSITY OF TEXAS

## OFFICERS OF ADMINISTRATION

Theophilus Shickel Painter, Ph.D., D.Sc., M.N.A.S., LL.D., *President, Austin.*  
Henry Young McCown, B.S., *Registrar and Dean of Admissions, Austin.*  
Albert Perley Brogan, Ph.D., *Dean of the Graduate School, Austin.*  
W. Lee Hart, M.D., LL.D., L.H.D., *Dean.*  
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., *Superintendent of Parkland Hospital.*  
Faye Pannell, R.N., B.S., *Superintendent of Nurses at Parkland Hospital.*

## BUSINESS OFFICERS

John Franklin Hutter, C.P.A., *Business Manager.*  
Charles A. Bayless, *Bookkeeper.*  
Burt A. Durham, *Purchasing Agent.*  
Harry B. Sheaner, *Superintendent, Physical Plant Operation and Maintenance.*

## THE FACULTY

### EMERITUS PROFESSORS

Joseph Wilbur Bourland, Sr., *Emeritus Professor of Obstetrics.*  
B.A., Baylor, 1892; M.D., Columbia, 1895.  
Edward Henry Cary, *Emeritus Professor of Ophthalmology.*  
M.D., Bellevue Hospital Medical College, 1898; LL.D., Baylor, 1916.  
Elbert Dunlap, *Emeritus Professor of 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.

### Professors

James Harvey Black, *Clinical Professor of Medicine.*  
M.D., Southwestern, 1907.  
George Lawson Carlisle, *Clinical Professor of Medicine.*  
M.D., Southern Methodist, 1914.  
Christopher Bennett Carter, *Clinical Professor of Surgical Anatomy.*  
M.D., Texas, 1919.  
David Wendel Carter, Jr., *Clinical Professor of Medicine.*  
B.A., Southwestern, 1909; M.A., 1910; M.D., Johns Hopkins, 1914.  
Kelly Cox, *Professor of Ophthalmology and Acting Chairman of the Department.*  
B.A., Simmons College, 1920; M.D., Baylor, 1920.  
Albert D'Errico, *Professor of Neurosurgery and Special Lecturer in Neuroanatomy.*  
B.A., Western Reserve, 1925; M.D., 1928.



- Homer Donald, *Clinical Professor of Medicine*.  
B.S., Westminster College, 1908; M.D., Texas, 1912.
- Charles Gilderoy Duncan, *Professor of Anatomy and Chairman of the Department*.  
B.A., Southern Methodist, 1910; M.D., Vanderbilt, 1921.
- Gladys Jeannette Fashena, *Professor of Pediatrics and Acting Chairman of the Department*.  
B.A., Hunter College, 1929; M.A., Columbia, 1930; M.D., Cornell, 1934.
- Taylor Clyde Gilbert, *Clinical Professor of Gynecology*.  
M.D., Texas, 1910.
- P. Merritt Girard, *Professor of Orthopedic Surgery and Chairman of the Department*.  
M.D., Tulane, 1923.
- John Vivian Goode, *Professor of Surgery and Chairman of the Department*.  
B.A., Texas, 1920; M.D., Johns Hopkins, 1925.
- Arthur Grollman, *Professor of Medicine and Chairman of the Department of Experimental Medicine; Professor and Acting Chairman of the Department of Physiology and Pharmacology*.  
B.A., Johns Hopkins, 1920; Ph.D., 1923; M.D., 1930.
- Tinsley R. Harrison, *Professor of Internal Medicine and Chairman of the Department*.  
B.A., Michigan, 1919; M.D., Johns Hopkins, 1922; M.S. (hon.), Michigan, 1940.
- W. Lee Hart, *Dean; Professor of Public Health and Chairman of the Department*.  
M.D., Maryland, 1906; LL.D., Baylor, 1934; L.H.D., Southwestern Medical College, 1946.
- Joseph MacGlashan Hill, *Professor of Clinical Pathology*.  
B.S., M.D., Buffalo, 1928; D.Sc., Baylor, 1945.
- William Lee Hudson, *Clinical Professor of Surgery*.  
M.D., Texas, 1916.
- Max N. Huffman, *Research Professor of Biochemistry*.  
B.A., Missouri, 1937; Ph.D., St. Louis, 1941.
- William Delaney Jones, *Clinical Professor of Otolaryngology*.  
M.D., Texas, 1901.
- Robert Woodfin Lackey, *Professor of Physiology*.  
B.A., Southern Methodist, 1922; M.S., Chicago, 1927; Ph.D., Texas, 1934.
- Minnie Lee Maffett, *Clinical Professor of Gynecology*.  
M.D., Texas, 1914.
- Charles Louis Martin, *Professor of Radiology and Chairman of the Department*.  
E.E., Texas, 1914; M.D., Harvard, 1919.
- Morton Freeman Mason, *Professor of Pathological Chemistry*.  
B.S., Oregon State College, 1925; Ph.D., Duke, 1934.
- Warren Eugene Massey, *Clinical Professor of Obstetrics*.  
M.D., Baylor, 1920; B.S., Southern Methodist, 1926.
- William F. Mengert, *Professor of Obstetrics and Gynecology and Chairman of the Department*.  
B.S., Haverford College, 1921; M.D., Johns Hopkins, 1927.
- Tate Miller, *Clinical Professor of Medicine*.  
B.L., Nashville Bible School, 1911; M.D., Vanderbilt, 1915.
- James Theodore Mills, *Clinical Professor of Plastic Surgery*.  
B.S., Minnesota, 1922; B.M., 1924; M.D., 1925.
- Carl A. Moyer, *Professor of Experimental Surgery*.  
B.A., Northern State Teachers College (Michigan), 1930; M.D., Michigan, 1937.
- Walter Grady Reddick, *Professor of Medicine*.  
B.A., Southern Methodist, 1920; M.D., Northwestern, 1925.
- Wayne T. Robinson, *Clinical Professor of Obstetrics*.  
M.D., Vanderbilt, 1908.
- Curtice Rosser, *Professor of Proctology and Chairman of the Department*.  
B.A., Texas, 1911; M.D., Northwestern, 1917.



- Homer Donald, *Clinical Professor of Medicine*.  
B.S., Westminster College, 1908; M.D., Texas, 1912.
- Charles Gilderoy Duncan, *Professor of Anatomy and Chairman of the Department*.  
B.A., Southern Methodist, 1910; M.D., Vanderbilt, 1921.
- Gladys Jeannette Fashena, *Professor of Pediatrics and Acting Chairman of the Department*.  
B.A., Hunter College, 1929; M.A., Columbia, 1930; M.D., Cornell, 1934.
- Taylor Clyde Gilbert, *Clinical Professor of Gynecology*.  
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M.D., Tulane, 1923.
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B.A., Texas, 1920; M.D., Johns Hopkins, 1925.
- Arthur Grollman, *Professor of Medicine and Chairman of the Department of Experimental Medicine; Professor and Acting Chairman of the Department of Physiology and Pharmacology*.  
B.A., Johns Hopkins, 1920; Ph.D., 1923; M.D., 1930.
- Tinsley R. Harrison, *Professor of Internal Medicine and Chairman of the Department*.  
B.A., Michigan, 1919; M.D., Johns Hopkins, 1922; M.S. (hon.), Michigan, 1940.
- W. Lee Hart, *Dean; Professor of Public Health and Chairman of the Department*.  
M.D., Maryland, 1906; LL.D., Baylor, 1934; L.H.D., Southwestern Medical College, 1946.
- Joseph MacGlashan Hill, *Professor of Clinical Pathology*.  
B.S., M.D., Buffalo, 1928; D.Sc., Baylor, 1945.
- William Lee Hudson, *Clinical Professor of Surgery*.  
M.D., Texas, 1916.
- Max N. Huffman, *Research Professor of Biochemistry*.  
B.A., Missouri, 1937; Ph.D., St. Louis, 1941.
- William Delaney Jones, *Clinical Professor of Otolaryngology*.  
M.D., Texas, 1901.
- Robert Woodfin Lackey, *Professor of Physiology*.  
B.A., Southern Methodist, 1922; M.S., Chicago, 1927; Ph.D., Texas, 1934.
- Minnie Lee Maffett, *Clinical Professor of Gynecology*.  
M.D., Texas, 1914.
- Charles Louis Martin, *Professor of Radiology and Chairman of the Department*.  
E.E., Texas, 1914; M.D., Harvard, 1919.
- Morton Freeman Mason, *Professor of Pathological Chemistry*.  
B.S., Oregon State College, 1925; Ph.D., Duke, 1934.
- Warren Eugene Massey, *Clinical Professor of Obstetrics*.  
M.D., Baylor, 1920; B.S., Southern Methodist, 1926.
- William F. Mengert, *Professor of Obstetrics and Gynecology and Chairman of the Department*.  
B.S., Haverford College, 1921; M.D., Johns Hopkins, 1927.
- Tate Miller, *Clinical Professor of Medicine*.  
B.L., Nashville Bible School, 1911; M.D., Vanderbilt, 1915.
- James Theodore Mills, *Clinical Professor of Plastic Surgery*.  
B.S., Minnesota, 1922; B.M., 1924; M.D., 1925.
- Carl A. Moyer, *Professor of Experimental Surgery*.  
B.A., Northern State Teachers College (Michigan), 1930; M.D., Michigan, 1937.
- Walter Grady Reddick, *Professor of Medicine*.  
B.A., Southern Methodist, 1920; M.D., Northwestern, 1925.
- Wayne T. Robinson, *Clinical Professor of Obstetrics*.  
M.D., Vanderbilt, 1908.
- Curtice Rosser, *Professor of Proctology and Chairman of the Department*.  
B.A., Texas, 1911; M.D., Northwestern, 1917.



William Perkins Devereaux, *Clinical Associate Professor of Obstetrics and Gynecology.*

B.A., Texas, 1928; M.D., 1932.

Joseph Harold Dorman, *Clinical Associate Professor of Surgery.*

Ph.G., Baylor, 1910; M.D., 1912.

John Warner Duckett, *Clinical Associate Professor of Surgery.*

B.A., Texas, 1922; M.D., Johns Hopkins, 1926.

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

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

Ben Friedman, *Clinical Associate Professor of Medicine.*

B.S., College of the City of New York, 1927; M.D., Washington (St. Louis), 1931.

Jacob Furth, *Clinical Associate Professor of Pathology.*

M.D., Prague, 1921.

Atticus James Gill, *Associate Professor of Pathology and Acting Chairman of the Department.*

M.D., Duke, 1938.

Gomer Flow Goff, *Clinical Associate Professor of 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.

Andres Goth, *Associate Professor of Pharmacology.*

B.S., Debrecen (Hungary), 1932; M.D., University of Chile Medical School, 1939.

William Frederick Guerriero, *Clinical Associate Professor of Obstetrics and Gynecology.*

M.D., Tulane, 1934.

Sol Haberman, *Associate Professor of Clinical Pathology.*

B.A., Texas, 1936; M.A., 1937; Ph.D., Ohio State, 1941.

Alfred William Harris, *Clinical Associate Professor of Medicine.*

M.D., Washington (St. Louis), 1935.

Hubert F. Hawkins, *Clinical Associate Professor of Medicine.*

B.A., Texas Christian, 1921; M.D., Baylor, 1925.

Howard E. Heyer, *Associate Professor of Medicine.*

B.S., Illinois, 1935; M.D., 1938; M.S., 1941.

J. Shirley Hodges, *Clinical Associate Professor of Pediatrics.*

M.D., Tulane, 1923.

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.

James Guy Jones, *Clinical Associate Professor of Ophthalmology.*

M.D., Texas, 1907.

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.

Henry Lanz, *Associate Professor of Medical Physics.*

B.A., Stanford, 1936; Ph.D., California, 1948.

Percy Edgar Luecke, *Clinical Associate Professor of Pediatrics.*

M.D., Texas, 1917.

Gordon 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, 1915.

Julius McIver, *Clinical Associate Professor of Obstetrics.*

M.D., Texas, 1912.



- Hubert Whatley Marlow, *Associate Professor of Biochemistry*.  
B.S., North Texas State Teachers College, 1924; M.S., Chicago, 1928; Ph.D., 1931.
- Elliott M. Mendenhall, *Clinical Associate Professor of Medicine*.  
B.A., Baylor, 1919; M.D., Jefferson Medical College, 1923.
- J. E. Miller, *Clinical Associate Professor of Radiology*.  
B.A., St. Mary's, 1934; M.D., Baylor, 1938.
- Robert Leslie Moore, *Clinical Associate Professor of Pediatrics*.  
B.A., Yale, 1927; M.D., Johns Hopkins, 1931.
- Don P. Morris, *Associate Professor of Psychiatry*.  
B.A., Illinois, 1931; M.D., Yale, 1935.
- Ernest E. Muirhead, *Associate Professor of Pathology*.  
B.A., M.D., Baylor, 1939.
- Harold Thompson Nesbit, *Clinical Associate Professor of Pediatrics*.  
B.S., Minnesota, 1920; B.M., 1921; M.D., 1922.
- Asa A. Newsom, *Clinical Associate Professor of Obstetrics*.  
M.D., Baylor, 1923.
- John Paul North, *Clinical Associate Professor of Surgery*.  
B.A., Princeton, 1922; M.D., Pennsylvania, 1926.
- Harold A. O'Brien, *Clinical Associate Professor of Urology*.  
B.A., Wisconsin, 1926; M.D., 1928.
- Cecil Overton Patterson, *Clinical Associate Professor of Medicine and Gastroscopy*.  
B.S., Southern Methodist, 1929; M.D., Baylor, 1931.
- James Knox Peden, *Clinical Associate Professor of Anatomy*.  
M.D., Baylor, 1939; B.S., Southern Methodist, 1941.
- Robert Merrett Pike, *Associate Professor of Bacteriology*.  
B.A., Brown, 1928; M.A., 1930; Ph.D., 1932.
- Lester Hale Quinn, *Clinical Associate Professor of Ophthalmology*.  
B.A., Indiana, 1921; M.D., 1927.
- Allen Francis Reid, *Associate Professor of Biophysics and Chairman of the Department*.  
B.S., Minnesota, 1940; M.A., Columbia, 1942; Ph.D., 1943.
- Edwin Luther Rippy, *Clinical Associate Professor of Medicine*.  
B.S., Southern Methodist, 1929; M.D., Baylor, 1931.
- Arthur Gerhard Schoch, *Clinical Associate Professor of Dermatology and Syphilology*.  
B.A., Texas, 1923; M.D., 1927; M.S., Pennsylvania, 1931.
- Lyle Michael Sellers, *Clinical Associate Professor of Otolaryngology*.  
M.D., Kansas, 1919.
- Robert Roeder Shaw, *Clinical Associate Professor of Thoracic Surgery*.  
B.A., Michigan, 1927; M.D., 1933.
- Samuel A. Shelburne, *Clinical Associate Professor of Medicine*.  
B.A., Rice Institute, 1922; M.D., Pennsylvania, 1927.
- Robert Freland Short, *Clinical Associate Professor of Surgery*.  
B.A., Baylor, 1919; M.D., 1921.
- John Dudley Singleton, *Clinical Associate Professor of Otolaryngology and Acting Chairman of the Department*.  
M.D., Baylor, 1926; M.S., Pennsylvania, 1932; B.S., East Texas State Teachers College, 1933.
- Tom E. Smith, *Clinical Associate Professor of Proctology*.  
B.S., Southern Methodist, 1929; M.D., Baylor, 1933.
- Harry Metcalfe Spence, *Clinical Associate Professor of Urology*.  
M.D., Harvard, 1930.
- William Kemp Strother, Jr., *Clinical Associate Professor of Obstetrics and Gynecology*.  
B.A., Texas, 1920; M.D., 1924.
- James Shirley Sweeney, *Clinical Associate Professor of Medicine*.  
B.A., Texas Christian, 1917; M.A., 1918; M.D., Vanderbilt, 1921; M.P.H., Johns Hopkins, 1923; D.Sc., 1924.



- Perry Clement Talkington, *Clinical Associate Professor of Neuropsychiatry.*  
M.D., Baylor, 1934.
- W. Maxwell Thomas, *Clinical Associate Professor of Ophthalmology.*  
M.D., Texas, 1927.
- George Milton Underwood, *Clinical Associate Professor of Medicine.*  
M.D., Texas, 1917.
- Vincent Vermooten, *Clinical Associate Professor of Urology.*  
B.A., University of Cape Town, 1918; M.A., 1919; M.D., Johns Hopkins, 1923.
- Earl F. Weir, *Clinical Associate Professor of Anesthesiology.*  
B.A., Wisconsin, 1928; M.A., 1930; M.D., 1933.
- 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.
- Ozro Theo Woods, *Clinical Associate Professor of Surgery and Surgical Pathology.*  
B.A., Nebraska, 1921; M.D., 1924.

#### Assistant Professors

- Frederick Archibald Duncan Alexander, *Clinical Assistant Professor of Anesthesiology.*  
B.A., Queen's University, 1929; M.D., C.M., 1933.
- 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.
- 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.
- John Spurgeon Bagwell, *Clinical Assistant Professor of Medicine and Biochemistry.*  
B.A., Baylor, 1932; M.D., 1936; M.S., Minnesota, 1940.
- Alvin Baldwin, Jr., *Clinical Assistant Professor of Proctology.*  
B.A., M.D., Baylor, 1931.
- Dorsey King Barnes, *Clinical Assistant Professor of Orthopedic Surgery.*  
M.D., Baylor, 1937.
- James Hubert Baxter, *Assistant Professor of Medicine.*  
B.S., Georgia, 1935; M.D., Vanderbilt, 1941.
- Henry H. Beckering, *Clinical Assistant Professor of Orthopedic Surgery.*  
B.A., Central College, 1929; M.D., Iowa, 1936.
- Joseph Wilbur Bourland, Jr., *Clinical Assistant Professor of Obstetrics.*  
B.A., Rice Institute, 1928; M.D., Columbia, 1933.
- John Lawrence Bradfield, *Clinical Assistant Professor of Surgery.*  
B.A., Southern Methodist, 1923; B.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.
- John Gilmore Brau, *Clinical Assistant Professor of Dermatology and Syphilology.*  
M.D., Baylor, 1930.



- Fred S. Brooksaler, *Clinical Assistant Professor of Pediatrics.*  
M.D., Heidelberg, 1924.
- Martin Stowell Buehler, *Clinical Assistant Professor of Medicine.*  
B.S., Minnesota, 1936; 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.
- 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, Jr., *Clinical Assistant Professor of Thoracic Surgery.*  
M.D., Illinois, 1927.
- John Stewart Chapman, *Clinical Assistant Professor of Medicine.*  
B.A., B.S., M.A., Southern Methodist, 1927; M.D., Texas, 1932.
- Ralph Stuart Clayton, *Assistant Professor of Radiology.*  
M.D., Tennessee, 1942.
- Howard C. Coggeshall, *Clinical Assistant Professor of Medicine.*  
B.A., Indiana, 1929; M.D., 1932.
- Diane Croll, *Clinical Assistant Professor of Pathology.*  
M.D., Manitoba (Canada), 1940; M.S., McGill, 1942.
- Howard Kelly Crutcher, *Clinical Assistant Professor of Obstetrics and Gynecology.*  
M.D., Baylor, 1927.
- Ruby Kathryn Daniel, *Clinical Assistant Professor of Ophthalmology.*  
M.D., Baylor, 1928; M.S., Minnesota, 1938.
- Richard Arthur Dathe, *Clinical Assistant Professor of Medicine.*  
B.S., Southern Methodist, 1931; M.D., Baylor, 1933.
- Green Adkins Davidson, *Clinical Assistant Professor of Medicine.*  
B.S., Agricultural and Mechanical College of Texas, 1920; M.D., Baylor, 1926.
- Percival Alexander Duff, *Clinical Assistant Professor of Urology.*  
M.D., Rochester, 1934; Med. 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.
- Ivan Albert Estes, *Clinical Assistant Professor of Obstetrics.*  
M.D., Baylor, 1912.
- Edwin G. Faber, *Clinical Assistant Professor of Medicine.*  
M.D., Colorado, 1919.
- Thomas W. Farmer, *Assistant Professor of Neurology in the Department of Neuropsychiatry.*  
B.A., Harvard, 1935; M.D., 1941; M.A., Duke, 1937.
- 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.
- Elma May Fry, *Clinical Assistant Professor of Gynecology.*  
B.S., Chicago, 1923; M.D., Rush Medical College, 1926.
- Guy Leon Hacker, *Clinical Assistant Professor of Pediatrics.*  
M.D., Baylor, 1931.



- Donald Grant Harrel, *Clinical Assistant Professor of Obstetrics and Gynecology*.  
B.S., Oklahoma, 1934; M.D., 1936; M.S., Wayne, 1941.
- Francis T. Harrington, *Clinical Assistant Professor of Neuropsychiatry*.  
B.A., California, 1929; M.A., Southern California, 1930; M.D., St. Louis, 1935.
- Ben Franklin Harrison, *Clinical Assistant Professor of Surgery*.  
M.D., Baylor, 1936.
- John L. Jenkins, *Clinical Assistant Professor of Otolaryngology*.  
B.S., Omaha, 1918; M.D., Nebraska, 1922.
- George M. Jones, *Clinical Assistant Professor of Medicine*.  
B.A., B.S., Southern Methodist, 1933; M.A., 1935; M.D., Baylor, 1938.
- J. 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., University and Bellevue Hospital Medical College, 1934.
- LeRoy J. Kleinsasser, *Clinical Assistant Professor of Surgery*.  
B.S., South Dakota, 1934; M.D., Nebraska, 1936.
- 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*.  
M.D., Baylor, 1935.
- William Greene Langston, *Clinical Assistant Professor of Obstetrics and Gynecology*.  
M.D., Baylor, 1938.
- Edward Paul Leeper, *Clinical Assistant Professor of Medicine*.  
B.A., Texas, 1924; M.D., 1928.
- Paul Michael Levin, *Clinical Assistant Professor of Neuropsychiatry*.  
B.A., Johns Hopkins, 1926; M.D., Rochester, 1930.
- Bernard M. Lipschultz, *Clinical Assistant Professor of Medicine*.  
B.S., Illinois, 1935; M.D., 1937.
- Thomas Stafford Love, *Clinical Assistant Professor of Otolaryngology*.  
M.D., Tulane, 1920.
- B. K. Lovell, *Clinical Assistant Professor of Radiology*.  
M.D., Wisconsin, 1936.
- Joseph Hill McCracken, Jr., *Clinical Assistant Professor of Surgery*.  
M.D., Baylor, 1926.
- Malcolm Kelley McCullough, *Clinical Assistant Professor of Ophthalmology*.  
B.A., Daniel Baker College, 1917; M.D., Texas, 1921.
- William Gordon Maddox, *Clinical Assistant Professor of Medicine*.  
Ph.G., Texas, 1921; M.D., Baylor, 1928.
- James Robert Maxfield, Jr., *Clinical Assistant Professor of Radiology*.  
B.A., Baylor, 1931; M.D., 1935.
- Morton Leonard Mazer, *Clinical Assistant Professor of Radiology*.  
B.A., Pennsylvania, 1934; M.D., 1938.
- Matthew Hill Metz, *Clinical Assistant Professor of Medicine*.  
M.D., Baylor, 1932.
- Halcuit Moore, *Clinical Assistant Professor of Pediatrics*.  
B.A., Southern Methodist, 1931; M.D., Harvard, 1935.
- Ramsay Moore, *Clinical Assistant Professor of Pediatrics*.  
M.D., Texas, 1919.
- A. Truett Morris, *Clinical Assistant Professor of Obstetrics*.  
M.D., Baylor, 1930.
- Cleve C. Nash, *Clinical Assistant Professor of Neurosurgery*.  
M.D., Washington (St. Louis), 1907.
- Frank Hawley Newton, *Clinical Assistant Professor of Ophthalmology*.  
B.A., Texas, 1907; M.D., 1914.
- Floyd Alvin Norman, *Clinical Assistant Professor of Pediatrics*.  
M.D., Texas, 1935.



- John McIver Pace, *Clinical Assistant Professor of Urology.*  
M.D., Baylor, 1931; M.S., Minnesota, 1935.
- Donald L. Paulson, *Clinical Assistant Professor of Thoracic Surgery.*  
B.S., Minnesota, 1935; M.D., 1936; M.S., 1937; Ph.D., 1942.
- Frank Percy, *Clinical Assistant Professor of Neuropsychiatry.*  
B.S., Chicago, 1922; Ph.D., 1924; M.D., Rush Medical College, 1928.
- Jack Furman Perkins, *Clinical Assistant Professor of Pediatrics.*  
M.D., Vanderbilt, 1914.
- William Henry Potts, Jr., *Clinical Assistant Professor of Medicine.*  
B.A., Texas, 1922; M.D., Harvard, 1926.
- Oran V. Prejean, *Clinical Assistant Professor of Obstetrics and Gynecology.*  
B.S., Southwestern Louisiana Institute, 1935; M.D., Tulane, 1937.
- Francis Reichsman, *Assistant Professor of Medicine.*  
M.D., Vienna, 1938.
- Penn Riddle, *Clinical Assistant Professor of Surgery.*  
B.S., Texas Christian, 1921; M.D., Baylor, 1919.
- Edward Still Ross, *Clinical Assistant Professor of Medicine.*  
B.A., Baylor, 1924; M.D., 1928.
- John Collier Rucker, *Clinical Assistant Professor of Obstetrics and Gynecology.*  
B.A., M.D., Baylor, 1935.
- Robert Alonzo Sage, *Assistant Professor of Medical Art.*  
B.A., Iowa, 1931.
- Ruth Maxwell Sanders, *Assistant Professor of Medical Art.*  
B.A., Southern Methodist, 1927.
- J. J. Sazama, 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.*  
B.A., Baylor, 1929; M.D., 1933.
- Marcus Stuart Seely, *Clinical Assistant Professor of Gynecology.*  
M.D., Baylor, 1913.
- Frank A. Selecman, *Clinical Assistant Professor of Surgery.*  
B.A., Southern Methodist, 1922; B.S., 1923, M.D., Baylor, 1927.
- Charles Willis Sensenbach, *Assistant Professor of Medicine.*  
B.A., North Carolina, 1935; M.D., Harvard, 1939.
- James Howard Shane, *Clinical Assistant Professor of Urology.*  
B.A., Texas, 1923; M.D., Harvard, 1927.
- 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., Missouri, 1925; M.D., Washington (St. Louis), 1929.
- Charles Bliss Shuey, *Clinical Assistant Professor of Medicine.*  
M.D., Baylor, 1934.
- Andrew B. Small, *Clinical Assistant Professor of Surgery.*  
B.S., University of the South, 1927; M.D., Baylor, 1932.
- Ralph Smith, *Clinical Assistant Professor of Urology.*  
M.D., Baylor, 1920.
- Richard Mays Smith, *Clinical Assistant Professor of Medicine.*  
M.D., Jefferson Medical College, 1926.
- Davis Spangler, *Clinical Assistant Professor of Radiology.*  
M.D., Texas, 1913.
- Elias Strauss, *Assistant Professor of Medicine and Bacteriology.*  
B.S., M.D., Columbia, 1937.
- Paul Jasper Thomas, *Clinical Assistant Professor of Medicine.*  
B.S., Southern Methodist, 1935; M.D., Baylor, 1936.



Julius Walker Vieaux, *Clinical Assistant Professor of Obstetrics and Gynecology.*

B.S., Northwestern, 1931; M.D., Washington (St. Louis), 1935.

Charles Herbert Warren, *Clinical Assistant Professor of Surgery.*

Phar.D., Vanderbilt, 1912; M.D., 1914.

Merritt Bryant Whitten, *Clinical Assistant Professor of Medicine.*

B.S., Oregon, 1921; M.D., 1924; M.S., Minnesota, 1929.

Claude D. Winborn, *Clinical Assistant Professor of Otolaryngology.*

B.A., M.D., Baylor, 1931.

Watt Wellington Winn, *Clinical Assistant Professor of Obstetrics.*

M.D., Baylor, 1927.

Oscar John Wollenman, Jr., *Clinical Assistant Professor of Pathology.*

B.S., Central College (Missouri), 1934; M.D., Vanderbilt, 1938.

Wilhelm Alexander Zuelzer, *Clinical Assistant Professor of Orthopedic Surgery.*

M.D., Berlin, 1931.

### Instructors

Raymond H. Abrams, *Clinical Instructor in Obstetrics and Gynecology.*

B.S., Illinois, 1939; M.D., 1941.

Lee Joseph Alexander, *Clinical Instructor in Dermatology and Syphilology.*

M.D., Tulane, 1934; M.P.H., Johns Hopkins, 1940.

Anthony Louis Alfieri, *Clinical Instructor in Pediatrics.*

B.M., Louisiana State, 1935; M.D., 1936.

Billie Louis Aronoff, *Clinical Instructor in Surgery.*

M.D., Baylor, 1938.

Charles A. Ault, Jr., *Clinical Instructor in Medicine.*

M.D., Baylor, 1937.

Dale James Austin, *Clinical Instructor in Surgery and Anatomy.*

B.S., Southern Methodist, 1933; M.D., Baylor, 1938.

John Avera, *Clinical Instructor in Medicine.*

B.A., Wake Forest College, 1940; M.D., Bowman Gray School of Medicine, 1944.

Sydney Surratt Baird, *Clinical Instructor in Urology.*

B.A., Southern Methodist, 1922; M.D., Baylor, 1926.

John Ollen Baker, *Clinical Instructor in Obstetrics.*

B.A., West Texas State Teachers College, 1928; M.D., Baylor, 1933.

Thomas S. 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.

William Thomas Barr, *Clinical Instructor in Otolaryngology and Bronchoscopy.*

B.A., Rice Institute, 1928; M.D., Texas, 1933.

Harriet Hegar Bates, *Instructor in Pediatrics.*

B.A., Texas, 1941; M.D., 1943.

Thomas Ray Bennett, Jr., *Clinical Instructor in Obstetrics and Gynecology.*

M.D., Baylor, 1937.

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 L. Boland, *Clinical Instructor in Neurosurgery.*

B.A., Johns Hopkins, 1937; M.D., 1942; M.A., Michigan, 1948.

Allan Bookatz, *Clinical Instructor in Surgery.*

B.A., Miami, 1933; M.D., Western Reserve, 1936.

John Bookout Bourland, *Clinical Instructor in Obstetrics and Gynecology.*

B.A., Harvard, 1933; M.D., Washington (St. Louis), 1937.



- Ruth Boutwell, *Instructor in Psychiatric Social Work.*  
B.A., Scarritt College, 1923; M.S.W., Oklahoma, 1936.
- George Robert Branch, *Clinical Instructor in Pediatrics.*  
B.S. in Med., Texas, 1940; M.D., 1941.
- William A. Brown, Jr., *Clinical Instructor in Obstetrics and Gynecology.*  
B.A., Southern Methodist, 1937; M.D., Texas, 1941.
- Stewart Rike Bumpass, *Clinical Instructor in Surgery.*  
M.D., Baylor, 1924.
- Sam R. Burnett, *Clinical Instructor in Anatomy and Surgery.*  
M.D., Baylor, 1940.
- Genette Ulvin Burruss, *Clinical Instructor in Neuropsychiatry.*  
B.A., Minnesota, 1923; M.A., 1927.
- Charles Dan Bussey, *Clinical Instructor in Surgery.*  
B.A., Baylor, 1929; M.D., Rush Medical College, 1934; M.S., Minnesota, 1938.
- Earl Love Carter, *Clinical Instructor in Gynecology.*  
M.D., Baylor, 1918.
- Harold Gilmore Clark, *Clinical Instructor in Gynecology.*  
M.D., Baylor, 1927.
- Gwendolyn Crass, *Instructor in Clinical Pathology.*  
B.A., Southern Methodist, 1934; M.D., Texas, 1944.
- William M. Daily, *Clinical Instructor in Medicine.*  
B.A., Ouachita College, 1937; M.D., Arkansas, 1941.
- Lawrence Earl Darrough, *Clinical Instructor in Otolaryngology.*  
M.D., Washington (St. Louis), 1924.
- Vanda Davidson, *Clinical Instructor in Obstetrics and Gynecology.*  
B.S., Louisiana Polytechnic Institute, 1938; M.D., Tulane, 1942.
- James Tickwell Downs III, *Clinical Instructor in Obstetrics and Gynecology.*  
B.A., Texas, 1938; M.D., 1941.
- Charles Newton Duncan, *Clinical Instructor in Medicine, Anatomy, and Biochemistry.*  
B.S., Southern Methodist, 1935; M.D., Baylor, 1937.
- Jacob Saul Fine, *Clinical Instructor in Pediatrics.*  
B.A., Bowdoin College, 1933; M.A., Princeton, 1934; M.D., Yale, 1939.
- Harold Freed, *Clinical Instructor in Medicine.*  
M.D., Texas, 1920.
- 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.
- W. N. Fuqua, *Clinical Instructor in Surgery.*  
D.D.S., Baylor, 1936; M.D., 1940.
- 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.
- Sidney Galt, *Clinical Instructor in Surgery.*  
B.A., Agricultural and Mechanical College of Texas, 1930; M.D., Baylor, 1934.
- David J. Geigerman, *Clinical Instructor in Anesthesiology.*  
B.S., Wisconsin, 1942; M.D., Oklahoma, 1944.
- Dan Cummins Gill, *Clinical Instructor in Surgery.*  
M.D., Duke, 1938.
- Arthur Paul Gottlich, *Clinical Instructor in Gynecology.*  
B.S., Southern Methodist, 1935; M.D., Baylor, 1937.
- Edwin Gulledge Grafton, Jr., *Clinical Instructor in Ophthalmology.*  
B.A., Texas, 1936; M.D., Harvard, 1940.
- Harold Grant, *Clinical Instructor in Medicine.*  
B.A., Washington (St. Louis), 1940; M.D., 1943.



- 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.
- Gaston Green Harrison, *Clinical Instructor in Obstetrics.*  
B.A., Vanderbilt, 1921; M.D., 1924.
- Gaylord A. Hart, *Clinical Instructor in Surgery.*  
B.A., Rice Institute, 1928; M.D., Texas, 1932.
- Thomas Haynes Harvill, *Instructor in Medicine.*  
M.D., Texas, 1936.
- William Carter Hawkins, *Clinical Instructor in Pediatrics.*  
M.D., Duke, 1940.
- James Leeper Hawley, *Clinical Instructor in Medicine.*  
B.S., Agricultural and Mechanical College of Texas, 1931; M.D., Baylor, 1935.
- Robert P. Hays, *Clinical Instructor in Surgery.*  
B.A., Illinois, 1932; M.D., Louisiana State, 1936.
- James Henry Herndon, *Clinical Instructor in Medicine.*  
M.D., Baylor, 1934.
- Richard Benedict Herrick, *Clinical Instructor in Orthopedic Surgery.*  
B.A., Iowa, 1942; M.D., 1943.
- William B. Hesselbrock, *Clinical Instructor in Bacteriology and Immunology.*  
B.A., Cincinnati, 1936; M.S., 1939; Ph.D., 1943.
- Carl Archibald Hoefler, *Clinical Instructor in Ophthalmology.*  
B.A., Nebraska, 1921; B.S., M.D., 1924.
- Clarence Schele Hoekstra, *Clinical Instructor in Neuropsychiatry.*  
B.S., M.D., Nebraska, 1939.
- Marianna Hood, *Clinical Instructor in Obstetrics and Gynecology.*  
B.S., Texas State College for Women, 1936; M.D., Tulane, 1941.
- J. 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.
- Elizabeth Shimer Hutchison, *Clinical Instructor in Medicine.*  
B.A., Western Reserve, 1929; M.D., 1932.
- Marion Thomas Jenkins, *Instructor in Surgery and Anesthesia.*  
B.A., Texas, 1937; M.D., 1940.
- Clive R. Johnson, *Clinical Instructor in Thoracic Surgery.*  
M.D., Rush Medical College, 1937; M.S., Minnesota, 1942.
- Carroll Everdon Kern, *Clinical Instructor in Neurosurgery.*  
B.S., Indiana, 1937; M.D., 1940.
- Frank Hereford Kidd, Jr., *Clinical Instructor in Surgery and Anatomy.*  
B.S., Southern Methodist, 1931; M.D., Baylor, 1937.
- Theodore Arthur Klecka, *Clinical Instructor in Orthopedic Surgery.*  
B.S. in Phar., Texas, 1937; M.D., 1941.
- William Mood Knowles, *Clinical Instructor in Ophthalmology and Otolaryngology.*  
B.A., Southwestern, 1910; M.D., Southern Methodist, 1913.
- Robert Arthur Knox, *Clinical Instructor in Pediatrics.*  
B.S., Washington and Jefferson College, 1911; M.S., 1916; M.D., Jefferson Medical College, 1916.
- Louis Albertus Kregel, *Clinical Instructor in Surgery.*  
B.S., Wisconsin, 1938; M.D., 1940.
- Charles N. LaDue, *Clinical Instructor in Medicine.*  
M.D., Texas, 1938.
- Ivev Earl Lamberth, Jr., *Clinical Instructor in Anesthesia.*  
B.A., Baylor, 1938; M.D., 1942.



- Ridings Edward Lee, *Clinical Instructor in Gynecology*.  
B.S., M.D., Baylor, 1931.
- Eugene P. Legg, *Clinical Instructor in Orthopedic Surgery*.  
M.D., Texas, 1936.
- Earl L. Loftis, *Clinical Instructor in Dermatology and Syphilology*.  
M.D., Baylor, 1925.
- Albert O. Loiselle, *Clinical Instructor in Orthopedic Surgery*.  
M.D., Loyola (Chicago), 1939.
- Hugh Lawson McClung, *Clinical Instructor in Medicine*.  
B.A., Harvard, 1932; M.D., 1936.
- Leonard Lincoln Madison, *Clinical Instructor in Medicine*.  
B.A., Ohio, 1941; M.D., Long Island, 1944.
- George Philip Manire, *Instructor in Bacteriology and Immunology*.  
B.S., North Texas State Teachers College, 1940; M.S., 1941; Ph.D., California, 1949.
- Oscar 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.
- Porter Kahn Mason, *Clinical Instructor in Medicine*.  
M.D., Baylor, 1934.
- Hal Wendell Maxwell, *Clinical Instructor in Ophthalmology*.  
B.A., Southern Methodist, 1929; M.D., Baylor, 1933.
- Evri Bear Mendel, *Clinical Instructor in Obstetrics and Gynecology*.  
B.A., Rice Institute, 1935; M.D., Texas, 1939.
- Benjamin August Merrick, *Clinical Instructor in Medicine*.  
M.D., Baylor, 1938.
- Logan Underwood Mewhinney, *Clinical Instructor in Pediatrics*.  
B.A., Texas, 1938; M.D., 1941.
- John S. Minnett, *Clinical Instructor in Obstetrics*.  
M.D., Baylor, 1932.
- Joseph D. Mitchell, Jr., *Clinical Instructor in Urology*.  
B.S., Oklahoma, 1935; M.D., Vanderbilt, 1939.
- Henry Gough Montgomery, *Clinical Instructor in Surgery*.  
M.D., Baylor, 1940.
- John C. Montgomery, *Clinical Instructor in Neuropsychiatry*.  
B.A., Baylor, 1923; M.D., 1931.
- Ken Mooney, *Clinical Instructor in Urology*.  
M.D., Baylor, 1937.
- Leo Arthur Nelson, *Clinical Instructor in Otolaryngology*.  
M.D., State University of Iowa, 1916.
- Philip D. Newell, *Clinical Instructor in Obstetrics and Gynecology*.  
B.A., Wabash College, 1934; M.D., Wayne, 1941.
- Patricia Nadine O'Neill, *Instructor in Medical Art*.  
B.A., B.S., Texas State College for Women, 1943; M.M.A., Southwestern Medical College, 1947.
- Barton Enoch Park, *Clinical Instructor in Surgery and Surgical Anatomy*.  
B.A., M.D., Baylor, 1929.
- William T. Payne III, *Clinical Instructor in Orthopedic Surgery*.  
B.S., Southern Methodist, 1941; M.D., Baylor, 1943.
- Ludlow M. Pence, *Instructor in Neurology*.  
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, Jr., *Clinical Instructor in Pediatrics*.  
B.S., Virginia, 1938; M.D., 1940.
- Sally Ann Provence, *Clinical Instructor in Pediatrics*.  
B.A., Mary Hardin-Baylor College, 1937; M.D., Baylor, 1941.
- Paul Milligan Rattan, *Clinical Instructor in Medicine*.  
M.D., Baylor, 1933.
- Alphonzo Morris Reagan, *Clinical Instructor in Medicine*.  
B.A., M.D., Baylor, 1928.
- Walter Gowans Rice, *Instructor in Clinical Pathology*.  
M.D., Toronto, 1938.
- Joseph Garland Riley, *Clinical Instructor in Plastic Surgery*.  
M.D., Indiana, 1938.
- James E. Robertson, *Clinical Instructor in Medicine*.  
M.D., Harvard, 1935.
- Raoul S. Rosenthal, *Clinical Instructor in Obstetrics*.  
M.D., Baylor, 1934.
- Robert Jarman Rowe, *Clinical Instructor in Proctology*.  
B.A., M.D., Baylor, 1936; M.S., Temple, 1949.
- William H. Rumpf, *Clinical Instructor in Obstetrics and Gynecology*.  
B.S., Minnesota, 1920; B.M., 1921; M.D., 1922.
- O. Perdue Sanders, *Clinical Instructor in Pediatrics*.  
M.D., Baylor, 1941.
- Albert John Schuett, *Clinical Instructor in Medicine*.  
B.A., Baylor, 1919; M.D., 1921.
- Maurice M. Scurry, *Clinical Instructor in Medicine*.  
B.A., Texas, 1933; M.D., 1938.
- Manning Brady Shannon, *Clinical Instructor in Surgery*.  
M.D., Baylor, 1937.
- Thomas L. Shields, *Clinical Instructor in Dermatology and Syphilology*.  
M.D., Baylor, 1940.
- Robert S. Sparkman, *Clinical Instructor in Surgery and Biochemistry*.  
B.A., M.D., Baylor, 1935.
- H. Earl Taylor, *Clinical Instructor in Surgery*.  
B.S. in Med., Texas, 1931; M.D., 1935.
- Irene Tobias, *Instructor in Neuropsychiatry*.  
Diploma, New York School of Social Work, 1941; M.S., Columbia, 1948.
- Nathan Tobolowsky, *Clinical Instructor in Surgery*.  
B.A., Southern Methodist, 1940; M.D., Baylor, 1942.
- Jay Lester Touchstone, *Clinical Instructor in Gynecology*.  
M.D., Baylor, 1917.
- 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-Maximilians University, 1919.
- Margaret Watkins, *Instructor in Orthopedic Surgery*.  
B.A., Texas, 1934; M.D., Baylor, 1938.
- Willard Bryan Weary, *Clinical Instructor in Neurosurgery*.  
B.A., Nebraska Wesleyan, 1929; M.D., Chicago, 1936.
- Mark L. Welch, *Clinical Instructor in Surgery*.  
M.D., Arkansas, 1941.
- Ann West, *Clinical Instructor in Medicine*.  
M.D., Baylor, 1930.
- T. A. Wharton, *Clinical Instructor in Dermatology and Syphilology*.  
M.D., Southwestern Medical College, 1944.



- Raymond S. Willis, *Clinical Instructor in Gynecology*.  
M.D., Baylor, 1933.
- Robert Erle Winn, *Clinical Instructor in Neuropsychiatry*.  
B.A., Southern Methodist, 1927; M.D., Baylor, 1932.
- Joseph Wolfe, *Clinical Instructor in Urology*.  
M.D., Baylor, 1923.
- Paul M. Wolff, *Clinical Instructor in Gynecology*.  
M.D., Heidelberg, 1908.
- Julius Wolfram, *Clinical Instructor in Medicine*.  
B.A., Columbia, 1932; M.D., 1936.
- Joe Billy Wood, *Clinical Instructor in Anesthesiology*.  
B.A., Texas, 1935; M.D., Baylor, 1939.
- Lawrence E. Woodard, *Clinical Instructor in Obstetrics and Gynecology*.  
B.A., Friends, 1936; M.D., Northwestern, 1941.
- Jack I. Woolf, *Clinical Instructor in Neurosurgery*.  
M.D., Baylor, 1936.
- J. Wade Youngblood, *Clinical Instructor in Otolaryngology*.  
M.D., Baylor, 1934.
- Ladislav Zbranek, *Clinical Instructor in Neuropsychiatry*.  
M.D., St. Louis, 1927.

#### Assistants

- John Harry Abramson, *Clinical Assistant in Medicine*.  
M.D., Louisiana, 1940.
- Robert Perry Addison, *Clinical Assistant in Medicine*.  
M.D., Baylor, 1926.
- James E. Ashmore, *Assistant in Biochemistry*.  
B.S., M.S., North Texas State Teachers College, 1948.
- Frank Hutches Austin, *Clinical Assistant in Surgery*.  
B.A., Texas, 1926; M.D., 1932.
- Violet Baird, *Librarian and Assistant in Library Science*.  
B.A., Rice Institute, 1931; M.A., Louisiana State, 1934; B.S. in L.S., 1935.
- Ted Eugene Becker, *Clinical Assistant in Neuropsychiatry*.  
B.A., Texas Christian, 1943; M.D., Vanderbilt, 1946.
- Robert Wolf Biach, *Clinical Assistant in Neuropsychiatry*.  
B.S., Yale, 1933; M.D., 1938.
- Charles Lyndon Bloss, *Clinical Assistant in Neuropsychiatry*.  
M.D., Baylor, 1943.
- Raymond Gowdy Boster, Jr., *Clinical Assistant in Medicine*.  
B.A., Texas, 1941; M.D., 1945.
- Homer G. Brelsford, *Clinical Assistant in Anatomy*.  
B.A., Texas, 1941; M.D., 1944.
- Emmett B. Bruton, *Clinical Assistant in Medicine*.  
M.D., Baylor, 1916.
- Howard M. Burkett, *Clinical Assistant in Neuropsychiatry*.  
M.D., Tennessee, 1938; M.S., Michigan, 1948.
- Ronald M. Burnside, *Clinical Assistant in Ophthalmology*.  
B.A., Texas, 1937; M.D., 1941.
- Emma Dorothy Carter, *Clinical Assistant in Neuropsychiatry*.  
B.A., Southern Methodist, 1929; M.A., Teachers College, Columbia, 1937; M.S.W., Tulane, 1945.
- Alfred M. Cinnamon, *Clinical Assistant in Medicine*.  
M.D., Baylor, 1930.
- Muriel Edwards Clinnin, *Assistant in Histology and Embryology*.  
B.S., Mundelein College, 1939; M.S., Illinois, 1941.
- Leo Goudchaux Davis, *Clinical Assistant in Ophthalmology*.  
M.D., Baylor, 1931.



- Milton Victor Davis, *Clinical Assistant in Anatomy*.  
M.D., Southwestern Medical College, 1944.
- Kate A. Dinsmore, *Clinical Assistant in Neuropsychiatry*.  
Diploma, Smith College School for Social Work, 1924; B.A., Southern Methodist, 1933; M.A., 1935.
- Ralph Elwood Donnell, Jr., *Clinical Assistant in Anatomy*.  
B.S., Baylor, 1941; M.D., Southwestern Medical College, 1944.
- Charles Robert Finnegan, *Clinical Assistant in Medicine*.  
B.A., Ripon College, 1915; M.D., St. Louis, 1919.
- Geraid Giges, *Clinical Assistant in Neuropsychiatry*.  
B.S., The College of the City of New York, 1943; M.D., New York, 1946.
- Jules Glenn, *Clinical Assistant in Neuropsychiatry*.  
B.A., Columbia College, 1942; M.D., New York, 1946.
- Richard Lawrence Hermes, *Assistant in Obstetrics and Gynecology*.  
B.S., Pittsburgh, 1937; M.D., 1939.
- Robert N. Hesser, *Clinical Assistant in Neuropsychiatry*.  
M.D., Tulane, 1937.
- George Truett James, *Clinical Assistant in Anatomy*.  
B.A., Alabama, 1941; M.D., Baylor, 1944.
- James Harold Johnson, Jr., *Clinical Assistant in Anatomy*.  
M.D., Southwestern Medical College, 1944.
- Horace Goode Love, Jr., *Clinical Assistant in Anatomy*.  
B.S., Southern Methodist, 1940; M.D., Southwestern Medical College, 1944.
- Bernard E. McConnell, *Clinical Assistant in Anatomy*.  
M.D., Southwestern Medical College, 1947.
- James Amos McLean, *Assistant in Physiology and Pharmacology*.  
B.S., Michigan, 1943; M.D., Michigan, 1946.
- Arch J. McNeill, *Clinical Assistant in Medicine*.  
M.D., Baylor, 1936.
- Eugene E. Mason, *Clinical Assistant in Medicine*.  
B.S., Southern Methodist, 1937; M.D., Baylor, 1940.
- Albert E. Meisenbach, Jr., *Clinical Assistant in Ophthalmology*.  
B.A., Washington (St. Louis), 1933; M.D., 1937.
- Alan D. Miller, *Clinical Assistant in Neuropsychiatry*.  
B.A., Amherst College, 1942; M.D., New York, 1945.
- Joe Vern Moody, *Clinical Assistant in Medicine*.  
M.D., Texas, 1939.
- Eugene V. Nininger, *Clinical Assistant in Neuropsychiatry*.  
B.M., Kansas, 1942; M.D., 1946.
- Justin Dennis O'Brien, *Clinical Assistant in Proctology*.  
M.A., Dallas, 1918; M.D., Northwestern, 1922.
- Charles William Orr, *Clinical Assistant in Anatomy*.  
M.D., Baylor, 1939.
- Elinor Calmbach Reinmiller, *Assistant Librarian and Assistant in Library Science*.  
B.A., Iowa, 1939; B.S. in L.S., North Texas State Teachers College, 1946.
- Paul Alexander Richter, *Clinical Assistant in Ophthalmology*.  
B.A., Rice Institute, 1933; M.D., Tulane, 1937.
- Mrs. Virginia Rogers, *Clinical Assistant in Neuropsychiatry*.  
B.E., Milwaukee State Teachers College, 1936; M.A., Chicago, 1945.
- Charles D. Schilling, *Clinical Assistant in Anatomy*.  
B.A., Amherst College, 1937; M.D., Virginia, 1941.
- Gus Schreiber, Jr., *Clinical Assistant in Medicine*.  
B.S., Southern Methodist, 1936; M.D., Baylor, 1938.
- Charles Leonard Smith, *Clinical Assistant in Pediatrics*.  
B.A., Southern Methodist, 1941; M.D., Southwestern Medical College, 1944.
- Cecil Irving Stell, *Clinical Assistant in Otolaryngology*.  
B.S., Southern Methodist, 1933; M.D., Baylor, 1937.



James Keith Tarrer, *Clinical Assistant in Otolaryngology*.  
B.S., M.D., Arkansas, 1940.

Albert M. Tocker, *Clinical Assistant in Applied Immunology*.  
B.A., Syracuse, 1928; M.D., Washington (St. Louis), 1932.

Kenneth P. Wittstruck, *Clinical Assistant in Pathology*.  
M.D., Nebraska, 1943.

Joseph Zinkin, *Clinical Assistant in Neuropsychiatry*.  
B.S., New York, 1931; M.D., Geneva, 1935.

### Fellows

Julian H. Acker, *Fellow in Medicine*.  
B.S., Southern Methodist, 1943; M.D., Baylor, 1944.

William T. Bailey, Jr., *Research Fellow in Medicine*.  
B.A., Vanderbilt, 1942; M.A., 1943; M.D., 1947.

John Telemichus Binion, *Student Fellow in Internal Medicine*.

Stanley Lewis Clayton, *Fellow in Cancer Research*.  
B.A., Texas, 1938; M.D., 1941.

Sherman Tipton Coleman, *Student Fellow in Experimental Surgery*.

Irving Cramer, *Fellow in Experimental Surgery*.  
B.A., Cornell, 1937; M.D., Albany Medical College, 1941.

Elvia Etheridge Eddleman, Jr., *Fellow in Internal Medicine*.  
B.S., Howard College, 1944; M.D., Emory, 1948.

Seymour Eisenberg, *Fellow in Medicine*.  
B.A., North Carolina, 1940; M.D., Bowman Gray School of Medicine, 1944.

Morris J. Fogelman, *Fellow in Experimental Surgery*.  
B.A., Illinois, 1942; M.D., 1944; M.S., 1948.

Hanes M. Fowler, *Research Fellow in Dermatology and Syphilology*.  
B.S., Chicago, 1933; M.D., Rush Medical College, 1936.

Raymond Georges Gottschalk, *Research Fellow in Experimental Medicine*.  
B.S., Liege (Belgium), 1936; M.D., 1940.

Marion Joseph Greve, *Research Fellow in Medicine*.  
B.A., Rice Institute, 1942; M.D., Harvard, 1945.

James Holman, *Fellow in Medicine*.  
B.S., Baylor, 1943; M.D., Southwestern Medical College, 1945.

James B. Ivers, *Research Fellow in Surgery*.  
M.D., Texas, 1948.

Robert Forrester Jones, *Student Fellow in Experimental Surgery*.

Billy Byrd Oliver, *Fellow in Medicine*.  
B.A., East Texas State Teachers College, 1945; M.D., Southwestern Medical College, 1945.

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

Alice Lorraine Smith, *Fellow in Pathology*.  
B.A., Texas, 1940; M.D., Southwestern Medical College, 1946.

Louis Tobian, Jr., *Fellow in Medicine*.  
B.A., Texas, 1940; M.D., Harvard, 1944.

John Crothers Vanatta III, *Fellow in Physiology and Pharmacology; Fellow in Experimental Medicine*.  
B.A., Indiana, 1941; M.D., 1944.

Harold Warshaw, *Fellow in Experimental Surgery*.  
B.S., St. Joseph's College, 1938; M.D., Jefferson Medical College, 1942.

Kathryn W. Willis, *Student Fellow in Internal Medicine*.

Ben Wilson, Jr., *Fellow in Experimental Surgery*.  
B.A., Indiana, 1942; M.D., 1944.



## RESIDENTS IN BAYLOR UNIVERSITY HOSPITAL

- Martin V. Atchison, *Orthopedic Surgery*.  
M.D., Southwestern Medical College, 1944.
- Donald R. Bernhardt, *Radiology*.  
B.A., Columbia College, 1943; M.D., New York, 1945.
- Charles Richard Bowers, *Surgery*.  
M.D., Johns Hopkins, 1947.
- Donald H. Brandt, *Surgery*.  
B.S., Southern Methodist, 1941; M.D., Texas, 1944.
- Charles Henley Bruce, *Surgery*.  
B.S., Georgia, 1941; M.D., 1948.
- J. Harold Cheek, *Surgery*.  
B.A., Texas Technological College, 1941; M.D., Baylor, 1944.
- Richard E. Collier, *Surgery*.  
M.D., Southwestern Medical College, 1948.
- Maurice L. Fergeson, *Surgery*.  
B.S., Baylor, 1942; M.D., 1944.
- C. Herbert Fredell, *Surgery*.  
B.S., Chicago, 1944; M.D., 1947.
- Clarence E. Gordon, *Pathology*.  
B.S., Trinity, 1937; M.D., Southwestern Medical College, 1944.
- Richard Brookshire Hunter, *Medicine*.  
M.D., Louisiana State, 1948.
- Leonard Kreissl, *Pathology*.  
B.S., Loyola (Chicago), 1944; M.D., Marquette, 1945.
- Thomas P. Marinis, *Surgery*.  
M.D., Cincinnati, 1941.
- Harold A. Mattson, *Orthopedics*.  
B.S., Nebraska, 1940; M.D., 1943.
- Harold M. Mims, *Pathology*.  
M.D., Georgia, 1948.
- Gerald G. Mullikin, *Anesthesiology*.  
M.D., Oklahoma, 1948.
- Asa A. Newsom, *Obstetrics and Gynecology*.  
M.D., Southwestern Medical College, 1947.
- Harry Jay Renken, Jr., *Medicine*.  
B.S., Southern Methodist, 1946; M.D., Southwestern Medical College, 1947.
- T. E. Rogers, Jr., *Obstetrics and Gynecology*.  
B.A., Mercer, 1939; M.D., Georgia, 1943.
- Ray G. Stark, *Anesthesiology*.  
B.S., Kentucky, 1933; M.B., Louisiana State, 1939; M.D., 1940.
- James Walton Tabler, *Obstetrics and Gynecology*.  
B.S., Southwest Texas State Teachers College, 1939; M.D., Baylor, 1943.
- Arthur Marvin Wells, *Surgery*.  
B.S., Western Kentucky State Teachers College, 1945; M.D., Vanderbilt, 1947.
- Jerome J. Wiesner, *Radiology*.  
B.A., Texas, 1943; M.D., 1945.



Robert Wilkens, *Thoracic Surgery*.

B.A., Columbia, 1941; M.D., New York Medical College, 1943.

Kenneth P. Wittstruck, *Pathology*.

M.D., Nebraska, 1943.

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Edward Hawkins, *Administrative Resident*.

B.S., Southern Methodist, 1948; M.H.A., Northwestern, 1949.

Ray Woodham, *Administrative Resident*.

B.S., Alabama, 1948; M.H.A., Minnesota, 1949.

### RESIDENTS IN THE CHILDREN'S MEDICAL CENTER

George W. Brown, *Pediatrics*.

B.S., Baylor, 1943; M.D., Southwestern Medical College, 1945.

H. Norman Chandler, *Pediatrics*.

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

William B. Dean, *Pediatrics*.

M.D., Baylor, 1947.

Ben W. Denny, *Pediatrics*.

M.D., Tulane, 1947.

Hugh G. K. English, *Pediatrics*.

B.A., Southern Methodist, 1944; M.D., Tulane, 1947.

Conrad James Krafft, *Pediatrics*.

B.S., Texas, 1943; M.D., Illinois, 1947.

Herman O. Krempin, *Pediatrics*.

M.D., Texas, 1946.

Charles H. Lodowski, *Pediatrics*.

B.S., Villanova College, 1939; M.S., Pittsburg, 1941; M.D., Southwestern Medical College, 1948.

Thomas C. Nolan, *Pediatrics*.

M.D., Georgia, 1948.

Creighton Reid, *Pediatrics*.

M.D., Oklahoma, 1945.

Joe G. Roach, *Pediatrics*.

B.A., Baylor, 1942; M.D., Southwestern Medical College, 1945.

Charles Smith, *Pediatrics*.

B.A., Southern Methodist, 1943; M.D., Baylor, 1947.

Louis R. Turbeville, Jr., *Pediatrics*.

M.D., Tulane, 1948.

### RESIDENTS IN THE METHODIST HOSPITAL

Robert A. Atkins, *Surgery*.

B.S., Illinois, 1944; M.D., 1945.

Tom C. Burditt, *Obstetrics and Gynecology*.

M.D., Baylor, 1947.

Guy K. Driggs, *Surgery*.

M.D., Maryland, 1946.

Riley Payton Foster, *Surgery*.

M.D., Oklahoma, 1947.



- Ernest C. Heath, Jr., *Obstetrics and Gynecology*.  
B.A., California (Los Angeles), 1942; M.D., Hahnemann Medical College, 1946.
- Hodgie Clayton Henderson, Jr., *Obstetrics and Gynecology*.  
B.A., Hendrix College, 1941; M.D., Southwestern Medical College, 1944.
- John B. Holder, *Surgery*.  
B.S., Baylor, 1945; M.D., 1947.
- Eleanor C. F. Lu, *Pediatrics*.  
B.S., Peiping Yenching University, 1941; M.D., West China Union University Medical School, 1947.
- Richard H. Moorman, *Surgery*.  
B.A., Texas, 1942; M.D., 1945.
- William Alfred O'Quinn, *Medicine*.  
B.S., Baylor, 1943; M.D., Southwestern Medical College, 1946.
- Wayne Reeser, *Radiology*.  
B.S., Illinois, 1935; M.D., 1938.
- George T. Van Rooy, *Medicine*.  
B.S., M.B., Minnesota, 1941; M.D., 1942.
- Floyd H. Verheyden, *Medicine*.  
B.S. in Phar., Texas, 1939; M.D., Southwestern Medical College, 1946.
- Shen Kuang Wang, *Surgery*.  
M.D., National Central University (China), 1945.
- Harris A. Weisse, *Obstetrics and Gynecology*.  
M.D., George Washington, 1944.

#### RESIDENTS IN PARKLAND HOSPITAL

- William T. Bailey, *Internal Medicine*.  
B.A., M.A., Vanderbilt, 1942; M.D., 1947.
- Charles R. Bates, *Obstetrics and Gynecology*.  
B.S., Louisiana State, 1940; M.D., 1943.
- Maurice S. Birbari, *Obstetrics and Gynecology*.  
B.A., American University of Beirut (Lebanon), 1943; M.D., Southwestern Medical College, 1948.
- Martin H. Boone, Jr., *Surgery*.  
M.D., Pennsylvania, 1948.
- William K. Brown, *Internal Medicine*.  
B.A., Rice Institute, 1943; M.D., Virginia, 1947.
- Robert G. Campbell, *Obstetrics and Gynecology*.  
M.D., Southwestern Medical College, 1947.
- Willis T. Carson, *Ophthalmology and Otolaryngology*.  
B.B.A., Texas Technological College, 1942; M.D., Southwestern Medical College, 1947.
- Gus George Casten, *Internal Medicine*.  
M.D., Southwestern Medical College, 1948.
- Stephen W. Cobb, *Obstetrics and Gynecology*.  
B.A., Texas, 1943; M.D., Harvard, 1945.
- Charles Max Cole, *Surgery*.  
B.A., Southern Methodist, 1937; M.D., State University of Iowa, 1942.
- Edmund L. Dubois, *Internal Medicine*.  
B.A., Johns Hopkins, 1943; M.D., 1946.



- Elvia E. Eddleman, Jr., *Internal Medicine*.  
B.S., Howard College, 1944; M.D., Emory, 1948.
- Seymour Eisenberg, *Internal Medicine*.  
B.A., North Carolina, 1940; M.D., Bowman Gray School of Medicine, 1944.
- Marion J. Greve, *Internal Medicine*.  
B.A., Rice Institute, 1942; M.D., Harvard, 1945.
- Douglas M. Haynes, *Obstetrics and Gynecology*.  
B.A., B.S., Southern Methodist, 1943; M.D., Southwestern Medical College, 1946.
- Richard L. Hermes, *Obstetrics and Gynecology*.  
B.S., Pittsburgh, 1937; M.D., 1939.
- Alan E. Lindsay, *Internal Medicine*.  
M.D., Southwestern Medical College, 1948.
- Henry C. McDonald, Jr., *Orthopedics*.  
M.D., Texas, 1946.
- Arthur T. Mims, *Surgery*.  
B.A., Texas, 1941; M.D., Southwestern Medical College, 1945.
- Orville Bruce Moon, *Urology*.  
B.A., Arizona, 1939; M.D., Baylor, 1943.
- Hugh D. Murrar, *Obstetrics and Gynecology*.  
B.S., Southwestern (Tennessee), 1943; M.D., Tennessee, 1946.
- Joseph F. Nagel, *Radiology*.  
M.D., Cincinnati, 1946.
- Billy B. Oliver, *Internal Medicine*.  
B.A., East Texas State Teachers College, 1941; M.D., Southwestern Medical College, 1945.
- J. Walter Park III, *Thoracic Surgery*.  
B.S., North Texas State Teachers College, 1941; M.D., Southwestern Medical College, 1944.
- Elmer E. Purcell, Jr., *Pathology*.  
B.S., Hendrix College, 1945; M.D., Arkansas, 1946.
- David D. Reisman, *Urology*.  
B.A., Wayne Liberal Arts College, 1939; M.D., Wayne Medical School, 1943.
- William E. Shields, *Surgery*.  
B.S., Wake Forest College, 1941; M.D., Bowman Gray School of Medicine, 1941.
- Crysyp Sory, *Radiology*.  
B.S., Southern Methodist, 1934; M.D., Tulane, 1938.
- Jerry A. Stirman, *Surgery*.  
M.D., Texas, 1947.
- William L. Thornton, *Surgery*.  
B.S., Mississippi, 1943; M.D., Pennsylvania, 1947.
- Elgin W. Ware, Jr., *Urology (Surgery)*.  
B.S., Southern Methodist, 1945; M.D., Southwestern Medical College, 1946.
- Ben J. Wilson, *Surgery*.  
B.A., Indiana, 1942; M.D., 1944.
- Joe W. Woodward, *Orthopedics*.  
B.A., Baylor, 1939; M.D., Texas, 1942.
- Christine Zarafonitis, *Surgery*.  
B.A., Texas, 1943; M.S., Wisconsin, 1945; M.D., Southwestern Medical College, 1948.



## RESIDENTS IN ST. PAUL'S HOSPITAL

- Jack Alexander, *Surgery*.  
M.D., Baylor, 1946.
- Marvin Daniel Blackburn, Jr., *Pathology*.  
B.S., Southern Methodist, 1938; M.D., Baylor, 1942.
- Ralph Roy Buie, *Medicine*.  
B.S., North Texas State Teachers College, 1941; M.D., Tulane, 1948.
- Ben M. Colletti, *Pediatrics*.  
M.D., Texas, 1945.
- Loyce Leanore Crawford, *Pediatrics*.  
B.A., Centenary College, 1944; M.D., Tulane, 1949.
- William Edwin Gibbons, *Surgery*.  
M.D., Southwestern Medical College, 1948.
- Michael Joseph Healy, *Surgery*.  
M.D., St. Louis, 1948.
- Ed Bumpass Helms, *Medicine*.  
M.D., Tulane, 1948.
- Kathleen Carmen Jones, *Obstetrics and Gynecology*.  
B.A., Baylor, 1943; M.D., Southwestern Medical College, 1947.
- George H. Kollmar, *Surgery*.  
B.S., Wheaton College (Illinois), 1938; M.D., Columbia, 1942.
- Lemuel Weyher Kornegay, *Surgery*.  
B.S., Davidson College, 1939; M.D., Duke, 1943.
- Talmadge Dewitt Mayo, Jr., *Obstetrics and Gynecology*.  
M.D., Texas, 1948.
- Robert Edward Murphy, *Obstetrics and Gynecology*.  
B.S., Notre Dame, 1949; M.D., St. Louis, 1948.
- Thomas Hall Obenchain, Jr., *Medicine*.  
B.A., Rice Institute, 1945; M.D., Texas, 1945.
- Donald H. Sallenbach, *Pathology*.  
M.D., Nebraska, 1947.
- Vernon Sammons, *Surgery*.  
M.D., Tennessee, 1944.
- Hsi-Ching Teng, *Medicine*.  
B.S., St. John's University (Shanghai), 1942; M.D., 1945.

RESIDENTS IN VETERANS ADMINISTRATION HOSPITAL  
AT DALLAS

- Jack A. Bernard, *Internal Medicine*.  
B.A., Vanderbilt, 1940; M.D., 1943.
- Richard E. Block, *Internal Medicine*.  
B.A., Texas, 1943; M.D., 1947.
- Arthur M. Boyd, *Radiology*.  
B.S., East Texas State Teachers College, 1941; M.D., Southwestern Medical College, 1945.
- Homer G. Brelsford, *General Surgery*.  
B.A., Texas, 1941; M.D., 1944.
- Guy D. Callaway, Jr., *Internal Medicine*.  
M.D., Washington (St. Louis), 1944.



- Allen D. Campbell, Jr., *Ophthalmology*.  
B.S., Baylor, 1945; M.D., Southwestern Medical College, 1947.
- Irving Cramer, *General Surgery*.  
B.A., Cornell, 1937; M.D., Albany Medical College, 1941.
- Lloyd K. Darwin, *General Surgery*.  
B.S., Agricultural and Mechanical College of Texas, 1943; M.D., Texas, 1946.
- Milton V. Davis, *General Surgery*.  
M.D., Southwestern Medical College, 1944.
- Ralph E. Donnell, *Orthopedic Surgery*.  
B.S., Baylor, 1942; M.D., Southwestern Medical College, 1944.
- George W. Dorman, *General Surgery*.  
B.S., Baylor, 1943; M.D., Southwestern Medical College, 1945.
- Jack C. Fitzpatrick, *Internal Medicine*.  
M.D., Southwestern Medical College, 1946.
- Harold R. Hipp, *Internal Medicine*.  
B.A., Arkansas College, 1935; M.D., Arkansas, 1943.
- Rex J. Howard, *Orthopedic Surgery*.  
B.S., Texas Christian, 1940; M.D., Southwestern Medical College, 1944.
- Richard B. Kleiman, *Internal Medicine*.  
B.A., Texas, 1944; M.D., 1947.
- Lawrence P. Kleuser, *Orthopedic Surgery*.  
M.D., Texas, 1947.
- William M. Lewallen, Jr., *Otolaryngology*.  
B.S., Southern Methodist, 1945; M.D., Southwestern Medical College, 1947.
- Robert M. Lipschutz, *Internal Medicine*.  
B.A., Pennsylvania, 1943; M.D., 1948.
- Powell B. Loggan, *General Surgery*.  
B.A., Oregon, 1941; M.D., Wisconsin, 1943.
- Leonard L. Madison, *Internal Medicine*.  
B.A., Ohio State, 1941; M.D., Long Island College of Medicine, 1944.
- William F. Miller, *Internal Medicine*.  
B.A., Wittenberg College, 1942; M.D., Western Reserve, 1945.
- Helmut A. Mueller, *Radiology*.  
B.A., Franklin and Marshall College, 1941; M.D., Buffalo, 1944.
- Daniel J. Nathan, *Internal Medicine*.  
M.D., Syracuse, 1948.
- Lamar H. Ochs, *Internal Medicine*.  
B.A., Washington (St. Louis), 1941; M.D., 1944.
- John E. Rainey, Jr., *Pathology*.  
B.S., Agricultural and Mechanical College of Texas, 1943; M.D., Texas, 1946.
- Edward R. Richardson, *Orthopedic Surgery*.  
B.A., Dartmouth College, 1946; M.D., Albany Medical College, 1943.
- Vern Rohrer, *Radiology*.  
B.S., North Texas State Teachers College, 1936; M.S., 1940; M.D., Southwestern Medical College, 1944.
- Harry C. Sammons, *Anesthesiology*.  
B.A., Marietta College, 1944; M.D., Duke, 1947.



Eldon K. Siebel, *General Surgery*.

M.D., Southwestern Medical College, 1944.

L. Allen Smith, *Internal Medicine*.

B.A., Kansas, 1944; B.S., Missouri, 1944; M.D., Long Island College of Medicine, 1946.

Lex B. Smith, *Internal Medicine*.

M.D., Texas, 1944.

Herbert A. Topper, *Internal Medicine*.

M.D., Illinois, 1942; B.S., Northwestern, 1944.

Louis B. Turner, *Internal Medicine*.

B.A., Columbia College, 1942; M.D., Columbia, 1944.

Harold Warshaw, *General Surgery*.

B.S., St. Joseph College, 1938; M.D., Jefferson Medical College, 1942.

#### RESIDENTS IN VETERANS ADMINISTRATION HOSPITAL AT McKINNEY

Gilbert E. Adami, *Surgery*.

M.D., Tulane, 1945.

Reubin Andres, *Medicine*.

M.D., Southwestern Medical College, 1947.

Bernard Bercu, *Medicine*.

M.D., Washington (St. Louis), 1944.

Douglas E. Bibby, *Radiology*.

M.D., Texas, 1946.

Colon U. Bickford, *Radiology*.

B.S., Oklahoma, 1938; M.D., 1948.

Vernon M. Bryant, *Orthopedics*.

B.A., Atlantic Christian College, 1932; M.D., Medical College of Virginia, 1940.

Billie D. Burdeaux, *Orthopedics*.

B.A., Sam Houston State Teachers College, 1941; M.D., Texas, 1944.

John C. Carmen, *Thoracic Surgery*.

B.A., Utah, 1941; M.D., George Washington, 1944.

Urban J. Collignon, *Medicine*.

B.A., Indiana, 1938; M.S., 1941; M.D., 1944.

Terrell Covington, Jr., *Medicine*.

B.A., Washington (St. Louis), 1940; M.D., 1943.

William A. Dawson, *Anesthesiology*.

B.S., Chicago, 1920; M.D., Rush Medical College, 1922.

William G. Dixon, *Surgery*.

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

Martin Donelson, Jr., *Surgery*.

B.S., Hampden-Sydney College, 1938; M.D., Virginia, 1942.

Leonard J. Flohr, *Medicine*.

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

Robert T. Fox, *Surgery*.

B.A., Ohio State, 1938; M.D., Jefferson Medical College, 1942.

Seymour B. Gostin, *Ophthalmology*.

B.A., Duke, 1937; M.D., New York, 1940.

Charles M. Harvey, *Medicine*.

M.D., Texas, 1947.



- William S. Hotchkiss, *Thoracic Surgery*.  
B.S., McMurry College, 1935; M.D., Texas, 1939.
- George O. Hutcheson, *Tuberculosis*.  
B.S., North Texas State Teachers College, 1941; M.D., Texas, 1947.
- William J. Hutchison, *Orthopedics*.  
B.S., Northwestern, 1943; M.D., 1946.
- Valentine E. Jenkins, *Medicine*.  
B.S., Emory, 1943; M.D., 1945.
- James N. Jeter, *Surgery*.  
B.S., Tennessee, 1937; M.D., 1940.
- James H. Johnson, *Surgery*.  
M.D., Southwestern Medical College, 1944.
- George W. Jones, *Medicine*.  
B.A., Texas, 1941; M.D., Southwestern Medical College, 1944.
- Jerome H. Kay, *Surgery*.  
B.A., California, 1943; M.D., 1945.
- Samuel R. Kennamer, *Medicine*.  
B.A., Alabama, 1942; M.D., Jefferson Medical College, 1945.
- Ernest Lampert, *Surgery*.  
M.D., Toronto, 1941.
- William M. Leebron, *Surgery*.  
B.S., Ursinus College, 1936; M.D., Pennsylvania, 1940.
- Kurt Lekisch, *Tuberculosis*.  
M.A., Oberieral School, Mainz, Germany, 1931; M.D., University of Berne (Switzerland), 1937.
- David C. Lindsey, *Tuberculosis*.  
M.D., Baylor, 1943.
- Horace G. Love, *Surgery*.  
B.S., Southern Methodist, 1940; M.D., Southwestern Medical College, 1944.
- Bernard E. McConnell, *Orthopedics*.  
M.D., Southwestern Medical College, 1947.
- Charles E. McKenzie, *Anesthesiology*.  
B.A., Texas, 1943; M.D., 1945.
- John B. McKinnon, *Medicine*.  
B.S., Southwestern, 1940; M.D., Vanderbilt, 1943.
- William B. Mayfield, *Tuberculosis*.  
B.A., Baylor, 1942; M.D., 1945.
- Philip O. Montgomery, *Pathology*.  
B.S., Southern Methodist, 1942; M.D., Columbia, 1945.
- Warren W. Moorman, *Medicine*.  
B.A., Texas, 1940; M.D., 1942.
- Charles W. Orr, *Surgery*.  
M.D., Baylor, 1939.
- Noah H. Range, *Surgery*.  
M.D., Tulane, 1946.
- Joseph H. Rappeport, *Urology*.  
B.S., Tulane, 1943; M.D., 1945.
- Paul L. Richburg, *Tuberculosis*.  
B.S., Southern Methodist, 1938; M.D., Southwestern Medical College, 1947.



Charles D. Schilling, *Surgery*.

B.A., Amherst College, 1937; M.D., Virginia, 1941.

Samuel M. Sevier, *Medicine*.

M.D., Southwestern Medical College, 1944.

Clinton M. Shaw, *Medicine*.

B.A., Oklahoma, 1943; M.D., 1945.

Roy S. Sheffield, *Medicine*.

M.D., Southwestern Medical College, 1945.

Jack Carl Smith, *Pathology*.

M.D., Southwestern Medical College, 1945.

William W. Tevis, *Tuberculosis*.

B.A., Municipal University of Wichita, 1944; M.D., Washington (St. Louis), 1947.

Myrick N. Triplett, *Medicine*.

B.A., Texas Technological College, 1943; M.D., Southwestern Medical College, 1947.



## **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,\* and its future policies will now be guided by the Board of Regents of The University of Texas. 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 and to aid in developing a great medical center in Dallas.

### **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. These provide teaching space for the preclinical courses as well as research laboratories for both the preclinical and clinical faculty. The Medical Art Department, auditorium, library, and additional research laboratories are housed in the immediate vicinity.

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\*September, 1949.



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 370 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.

*\*Parkland Hospital Clinic* occupies the first two floors and part of the third floor of the south wing of the hospital building. This out-patient 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 out-patient clinic. In the past four years there have been approximately 60,000 patient visits yearly. All patients are available for teaching purposes.

The out-patient 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 36,000 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 out-patient 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 may follow the patient's progress in the hospital as well as in the out-patient clinic. The bed capacity of Parkland Hospital is approximately 370 beds. This is adequate to admit any clinic patient in need of hospitalization.

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

*\*The Dallas Syphilis and Venereal Disease Clinic* is housed in part of the out-patient wing of Parkland Hospital. It was primarily designed as a diagnostic and treatment center for all venereal diseases and serves this function by treating approximately 200 patients per day. Between 2,500 and 3,000 new patients are admitted each year.

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\*Dallas City-County Hospital System.



Besides diagnosing and treating venereal diseases, the clinic personnel engages in epidemiological work which consists of bringing under treatment and observation contacts of infectious venereal diseases and following up contacts.

It has, in addition to the above, two very important major functions, namely, teaching and research. At present senior students obtain a total of twelve hours of instruction in the Clinic. The main research problem at present is investigation of the use of penicillin in the treatment of early syphilis.

*The Penicillin Research Center* is located one block from the Southwestern Medical School and is a branch of the Venereal Disease Clinic.

A hospital with twenty beds devoted to experimental penicillin therapy, particularly of neurosyphilis, is operated by the Center.

Operated on private philanthropic funds, the Center makes no charge for hospital care. It is incorporated as a nonprofit research center. Karl Hobilzelle, Arthur Schoch, and Robert B. Holland are the trustees.

\**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 471 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.

*Gaston Hospital* is a privately operated institution which offers general clinic and diagnostic work. With its 55 beds, it co-operates in giving clinical instruction in surgery to students of the fourth year.

*The Medical Arts Hospital* was organized by a group of specialists and is operated privately for general clinic care and special diagnostic work. It has a capacity of 112 beds.

*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 250 beds. It also co-operates with the Medical School in offering its clinics and wards for clinical teaching purposes.

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\*Dallas City-County Hospital System.



*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 364-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 3,000 out-patient cases monthly in all departments. Parkland Hospital co-operates in this group service and shares its pediatric and contagious diseases section 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 1,000 clinic 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 clinic 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. With an annual number of cases approximating 1,000 and about 35 new cases accepted monthly, the Clinic serves all agencies both in an advisory capacity and as a center for instruction.

†*Freeman Memorial Clinic* furnishes out-patient treatment for children up to fifteen years of age. There are seven beds for out-of-town patients and there are approximately 3,700 clinic admissions yearly. Their facilities are shared with the Medical School for teaching purposes.

†*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. Students have the unique opportunity of instruction in developmental diagnosis and the care of well babies.

†*O'Connor Hospital for Tuberculous Children*, with a capacity of 15 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 the teaching of the clinical years.

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†Children's Medical Center.



*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 23,000 volumes and receives currently over 550 domestic and foreign serial publications. The collection is at present housed in a temporary building at Rosewood and Oak Lawn, near the Medical School, and is available not only to the faculty and students of the Southwestern Medical School but also to the practicing physicians of Dallas.

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.

The library is under a committee of the faculty and full-time trained librarians, who are available to help patrons locate desired research material and to instruct students in the use of the library. 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.

### LOAN FUNDS

*The Tinsley R. Harrison Student Loan Fund.*—Mr. Samuel A. Levine donated a loan fund as a token of his esteem for Dr. Tinsley R. Harrison, 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.

*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.



## ORGANIZATIONS AND AWARDS

### THE HO DIN

When the Trustees of the Southwestern Medical Foundation authorized the establishment of the Southwestern Medical College on May 5, 1943, they at the same time instituted an award which should be distinctive of the Medical College 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 PI ALPHA FRATERNITY

Alpha Pi Alpha is the local honorary scholastic medical fraternity. It was established at Southwestern Medical College in 1944, and its membership is restricted to the highest 10 per cent of the fourth-year class. Selection is based entirely on scholastic standing. Approximately one-half of the members may be elected from qualified students of the third-year class. As a part of its activities, the group seeks to encourage improved scholarship throughout the Medical School.

### ALPHA PI ALPHA PLAQUE

In its effort to encourage improved scholarship, Alpha Pi Alpha Fraternity offered a plaque upon which the name of the scholastically highest-ranking social fraternity or sorority should be placed each year. The award carried the stipulation that the group winning first scholastic honors for three consecutive years should retain permanent possession of the plaque.

The Phi Delta Epsilon Fraternity won the Alpha Pi Alpha Plaque for three consecutive years and donated it to the Medical School as a perpetual award. It has been placed in the Library and will have added to it each year the name of the fraternity or sorority entitled to this honor.

### 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 they have engraved thereon the name of the recipient.



## 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 Lectureship presented by the Phi Beta Pi medical fraternity. Members of the Dallas County Medical Society and members of the faculty and student body are invited to hear a speaker who is well known and recognized in the medical profession, and who comes to Dallas for the express purpose of this Lectureship.

### PHI CHI ALUMNI LECTURESHIP

Each scholastic year a lectureship for the Medical School student body and faculty is held by the Phi Chi medical fraternity under the sponsorship of 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.

### FACULTY SCIENTIFIC PROGRAM

Each week meetings are held for the purpose of reporting and discussing some subject from recent literature. Often original investigations are reported prior to publication or presentation at national or local societies. Guest speakers during the year contribute much to the value of these meetings.

## 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, including women's 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 enrolled in The Southwestern Medical School of The University of Texas.



The benefits 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 immediately after midnight of the night following completion of an 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 the School.

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

1. Immunizations. All students are required to be vaccinated satisfactorily against smallpox and are urged to submit to vaccination against typhoid-paratyphoid fevers, tetanus, and diphtheria.

2. Examinations. Every student will be given an examination by members of the staff upon first entering the 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 5, below.)*

3. Consultation with the Student Health Service physicians during office hours, at the Medical School. Consultation with other members of the medical staff will be arranged when necessary, or when desired on the part of the student.

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

5. 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.

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

7. Diagnostic X-ray examinations are furnished. *All students are required to have chest X-ray examinations at regular intervals. Cases of failure to comply with this requirement will be referred to the Dean for disciplinary action.*

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

9. 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 5, 6, 7, and 8 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 in the office of the Dean. 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.

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\*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 "domociled 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.



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), three letters testifying to good moral character and fitness for the profession of medicine, 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.

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 as soon as the applicant is qualified. This may be possible after the completion of seventy-five semester hours of premedical study, depending upon the distribution of courses completed. The Committee on

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 fee for all semesters subsequent to 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.



Admissions will list applicants on the basis of weighted premedical scholastic performance and the medical aptitude test and will call for personal interviews, beginning at the top of this list and continuing until the class and some alternates have been chosen.

Admission to The Southwestern Medical School of The University of Texas requires minimum credit for ninety semester hours of college courses, including forty-four semester hours of prescribed courses, from recognized and accredited colleges. In addition, eligibility for selection will be based on a scholarship average of *C* or better over all work taken and no grade average below *C* will be considered on any of the prescribed premedical courses listed below. 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.\*

Courses in psychology, philosophy, sociology, and mathematics† are strongly recommended.

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

### **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 degrees from The University of Texas by action of the Board of Regents of the University.

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

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

†Beginning in 1952, six semester hours in mathematics, including college algebra and trigonometry (or analytical geometry, if desired, where trigonometry was taken in high school), will be required for admission.



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. This will be applied to the laboratory and library deposit mentioned below when the student matriculates. The deposit is forfeited if the applicant does not register.

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

The tuition fee 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 seniors. Any senior who withdraws before graduation will be entitled to a refund of the graduation fee. All fees are payable in full at the time of registration. For any student who withdraws from the School during the first term, a refund of two-thirds of the tuition fees paid will be made; for any student who withdraws from the School during the second term, a refund of one-third of the tuition fees paid will be made. No other fees are refundable.

### OTHER EXPENSES

*Microscopes.*—Microscopes are essential for the work of the medical student. They are available on a rental basis to students of the first-year class. The rental fee at present is \$15.00 a year and is not refundable.

*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, \$240.00; second year, \$100.00; third year, \$220.00; fourth year, \$65.00.

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



## INSTRUCTION

### PROMOTIONS

When students satisfactorily complete the course requirements of an academic session they are advanced to the next higher session, provided there are no reasons to make this procedure unwise in any particular instance.

Students will wisely place emphasis on the acquisition of knowledge rather than on an effort to get grades. The conduct, attitude, and performance of students is 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's Office is also informed. If the Dean's Office finds that other departments are in doubt regarding the student's performance, or if other departments report that the student's performance is unsatisfactory, the student is required to submit promptly to consultation with and possibly examination by a representative faculty committee. This committee will make appropriate recommendations to the Dean's Office regarding the matter.

### 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 at The Southwestern Medical School of The University of Texas leading to the degree of Master of Medical Art may be offered on an individual basis by approval prior to the beginning of such work, under the auspices and regulations of the Graduate School of the University.

The Admissions Committee 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. After admission each student is assigned to a special committee appointed by the Dean and consisting of two members of the major department and at least two members from other departments. This special committee shall determine the scope of the work to be done, shall evaluate the student's thesis, and shall conduct his examination.

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

1. A bachelor of arts 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:* 8 semester hours of general and vertebrate not including botany.

*Physics:* 8 semester hours, including heat, sound, light, electricity, and mechanics.

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

*Electives:* Sufficient to complete 90 semester hours.

*Averages:* *C* average or better on all the work attempted, with no grade below *C* on any of the prescribed subjects listed above. *B* average or better on art 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 71 semester hours in courses approved for graduate credit including the thesis, with a grade of at least *B* in each course, is required for the degree of Master of Medical Art. Of the 71 hours required, not less than 37 must be earned in the Department of Medical Art. With the approval of the special committee, transferred credits may be used toward fulfillment of the semester hour requirements but may not reduce the minimum residence requirements.

	Semester Hours of Credit Equivalent
First Year	
<i>Histology</i> .....	5
<i>Gross Anatomy</i> .....	10
<i>Anatomical Drawing</i> .....	5
<i>Drawing Techniques</i> suitable for publication, exhibit and teaching	7
<i>Physiology</i> .....	7
Second Year	
<i>Pathology</i> .....	10
<i>Pathology and Autopsy Drawing</i> .....	2
<i>Drawings of surgical procedures and endoscopic drawing</i> .....	8
<i>Photographic Chemistry</i> .....	2
<i>Photographic Optics</i> .....	2
<i>Photography and Photomicrography</i> (including color photography)	4
<i>Planning and Preparation of Exhibits and Display</i> .....	3
<i>Master's Thesis</i> .....	6

*Thesis:* A thesis must be completed and must show sufficient evidence of the ability to produce acceptable work in Medical Art. It may take the form of a paper suitable for publication in a scientific journal and must be completed and presented to the special 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 author's committee, must be in the hands of the Dean by the last week in May before the degree is awarded.

*Degree Examination:* After meeting all other requirements for the degree, including acceptance of the thesis, at a time determined by the special committee but not later than the last week in April, the student must also pass a formal examination demonstrating his or her ability to practice 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 the inauguration of a 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.



### STANDARDS OF SCHOLARSHIP

Departments submit grades for students to the Dean's Office at periodic intervals throughout each course. If these grades show a student's performance to be doubtful or unsatisfactory, an appropriate and representative faculty committee examines the student in order to make suitable recommendations regarding that student's future. General examinations before appropriate faculty committees may be required of any student before advancement from the second-year's work into the third-year's effort. Similar examinations may be required of any student before advancement to the fourth year of medical study.

*Examinations and the conduct of students generally are in accord with 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, 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.

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.



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.

The academic year is divided into three terms of twelve weeks each. 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.

#### 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, each of twelve weeks of instruction, and each term has approximately the same number of clock hours of instruction. The unit system for the evaluation of courses and hours in determining quality points for promotion shall be classified in general as follows:

Less than 100 clock hours of instruction.....	sub-unit value
100 hours of instruction.....	one unit
200 hours of instruction.....	two units

The sub-unit courses may be grouped to form composite units with the value set according to the total hours of instruction.

#### SUMMARY OF COURSES, HOURS, UNITS FOR EACH YEAR

##### First Year

<i>Course</i>	<i>Clock Hours</i>	<i>Unit Value</i>
Anatomy, Gross .....	300	3
Neuroanatomy .....	100	1
Biochemistry .....	200	2
Histology and Embryology .....	200	2
Physiology .....	300	3
<b>Total</b> .....	<b>1,100 hours</b>	<b>11 units</b>
<b>Sub-unit courses</b>		
Art of Medicine.....	48	
Biophysics .....	36	
Correlation .....	36	
History of Medicine.....	9	
Introduction to Medicine.....	36	
Radiology .....	36	
<b>Total</b> .....	<b>1,301 hours</b>	



**Second Year**

<i>Course</i>	<i>Clock Hours</i>	<i>Unit Value</i>
Bacteriology and Immunology.....	210	2
Clinical Pathology.....	150	1.5
Introduction to Medicine.....	150	1.5
Art of Medicine.....	110	1
Pathology.....	300	3
Pharmacology.....	150	1.5
Public Health and Preventive Medicine.....	100	1
<b>Total</b> .....	<b>1,180 hours</b>	<b>11.5 units</b>
<b>Sub-unit courses</b>		
History of Medicine.....	9	
Pathologic Radiology.....	32	
<b>Total</b> .....	<b>1,221 hours</b>	

**Third Year**

Medicine.....	600	6
Obstetrics and Gynecology.....	200	2
Pediatrics.....	200	2
<b>Sub-unit courses</b>		
Anesthesiology.....	6	1.5
Dermatology and Syphilology.....	36	
History of Medicine.....	9	
Neurology.....	12	
Neuropsychiatry.....	36	
Neurosurgery.....	12	
Ophthalmology.....	12	
Orthopedic Surgery.....	24	
Otolaryngology.....	12	
Pathological Physiology.....	36	
Proctology.....	7	
Public Health and Preventive Medicine.....	36	
Surgery (general).....	30	
Surgical Anatomy.....	36	
Thoracic Surgery.....	17	
Urology.....	24	
<b>Total</b> .....	<b>1,345 hours</b>	<b>11.5 units</b>

**Fourth Year**

Surgery.....	650	6.5
Obstetrics and Gynecology.....	300	3
Pediatrics.....	300	3
<b>Total</b> .....	<b>1,250 hours</b>	<b>12.5 units</b>



<i>Course</i>	<i>Clock Hours</i>	<i>Unit Value</i>
<b>Composite courses</b>		
Clinical Pathological Conference.....	48	
Medical Jurisprudence .....	12	
Medical Management .....	24	
Pathological Physiology .....	36	
Public Health and Preventive Medicine.....	36	
Specialties .....	250	
<b>Total .....</b>	<b>1,656 hours</b>	

**MEDICAL ART AND VISUAL EDUCATION****First Year**

<i>Course</i>	<i>Clock Hours</i>	<i>Semester Hour Equivalent</i>
<b>Medical Courses:</b>		
Anatomy, Gross .....	300	10
Histology .....	150	5
Physiology .....	234	7
<b>Medical Art Courses:</b>		
Anatomical Drawing .....	234	5
Drawing Techniques .....	270	7
<b>Total .....</b>	<b>1,188</b>	<b>34</b>

**Second Year**

<b>Medical Course:</b>		
Pathology .....	300	10
<b>Medical Art Courses:</b>		
Pathology and Autopsy Drawing .....	108	2
Drawings of Surgical Procedure.....	360	8
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
<b>Total .....</b>	<b>1,578</b>	<b>37</b>

**POSTGRADUATE DIVISION**

No organized courses in the Postgraduate Division are offered at the present time. Limited fellowships are offered by a few of the clinical departments, and certain of the lecture courses for regular students are open to all interested doctors in the area.

A graduate course in urology sponsored by the South Central Section of the American Urological Association will be given under the auspices of Southwestern Medical School in January of 1951.



## **COURSES OF INSTRUCTION**

### **ANATOMY**

PROFESSORS DUNCAN, CARTER; SPECIAL LECTURER D'ERRICO; ASSOCIATE PROFESSORS BRADLEY, PEDEN; INSTRUCTORS AUSTIN, BURNETT, DUNCAN, KIDD; ASSISTANTS BRELSFORD, CLINNIN, DAVIS, DONNELL, JAMES, JOHNSON, LOVE, MCCONNELL, ORR, SCHILLING

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 AND CENTRAL NERVOUS SYSTEM—400 HOURS.**

The first unit of study is devoted to dissection of the upper and lower limbs, thorax, abdomen, and pelvis. Students working in groups of four 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.

Anatomy of the nervous system includes 100 hours of lectures, recitations, demonstrations, and laboratory work. The first part of the course is concerned with a study of the gross external features of the brain and spinal cord, including blood supply and meninges. For the internal structure, the students are required to prepare and study dissections of the brain and brain slices. This is supplemented by prepared histological slides. The blood supply of each part is stressed as it is studied, with special emphasis on the relation of the blood vessels to pathological changes in the nervous system. A detailed study of the neuron chains, fiber tracts, and important reflex arcs is made by illustrating these on normal slides, and on pathological slides showing tract degeneration. During the course, each student is required to make a diagrammatic chart illustrating the more important fiber tracts, reflex arcs, and the functional components of the cranial and spinal nerves.

Clinical application of the anatomy of the nervous system is made as often as is deemed practical. Discussions are conducted by neurologists and neurosurgeons. Occasional clinical cases are shown to the class to emphasize the function of parts being studied.

### **Third Year**

#### **COURSE III—SURGICAL ANATOMY—36 HOURS.**

In co-operation with the clinical departments a study is made of applied anatomy of the chest, abdomen and pelvis. Instruction consists of lectures and quizzes by the staff, and demonstrations by members of the class on cross sections and specially prepared dissections. In every instance the closest correlation is made between anatomy and clinical medicine and surgery.



**SPECIAL COURSES—HOURS TO BE ARRANGED.***A. Fetal Anatomy.*

Elective work offered to a limited number of juniors, seniors, and post-graduate students. Dissections and demonstrations are conducted on both full term and premature fetuses. Special emphasis is placed on a study of those parts most likely to be involved in the various congenital malformations usually seen in clinical work.

*B. Special Neuroanatomy.*

Elective work consisting of special studies of prepared slides and parts of dissected brains. A portion of the time will be devoted to reviews of selected original papers on neuroanatomy and neurophysiology. Open to a limited number of third- and fourth-year and postgraduate students.

*C. Microtechnic.*

Study of the basic principles essential to the preparation of tissues for microscopic study, with practice in the more commonly used methods. Open to a limited number of third- and fourth-year and postgraduate students.

**BACTERIOLOGY AND IMMUNOLOGY**

PROFESSOR SULKIN; ASSOCIATE PROFESSOR PIKE; ASSISTANT PROFESSORS  
FARMER, STRAUSS; INSTRUCTORS HESSELBROCK, MANIRE; 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 microbial infection are discussed. The mechanism of immunologic reactions and their application to diagnosis, specific 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**

PROFESSORS TIDWELL, HUFFMAN; ASSOCIATE PROFESSOR MARLOW; ASSISTANT PROFESSOR BAGWELL; INSTRUCTORS DUNCAN, SPARKMAN; ASSISTANT ASHMORE

**First Year****COURSE I—BIOCHEMISTRY—200 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.

**Second Year****COURSE II—BIOCHEMISTRY—20 HOURS.**

An attempt is made to guide the student in a thorough review of the fundamentals of biochemistry and to bring the subject matter up-to-date by reviews of more recent articles on that subject. A rational explanation for the chemical processes underlying physiological function and pathological dysfunction is sought in order that the student may have a clearer understanding of the significance and limitations of the results of laboratory investigation.

**COURSE III—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**

ASSOCIATE PROFESSOR REID

**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. Some emphasis is given to the use of radioactive materials in conventional medical



diagnosis and treatment. 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.

### HISTORY OF MEDICINE

PROFESSORS WINANS, REDDICK; ASSOCIATE PROFESSOR HEYER; ASSISTANT PROFESSORS BAGWELL, JONES, THOMAS

*I. First Year.* An introduction to the History of Medicine—9 hours.

The first three lectures constitute an orientation of the medical sciences with their position in science as a whole. The relationship of anthropology, sociology, race, economics, migration and adaptation will be discussed. The remainder of the course will be devoted to a study of the development of the thought in anatomy and chemistry in the prehistoric, ancient, medieval and modern epochs.

*II. Second Year.* A continuation of the first year course—9 hours.

The evolution of present day concepts in pathology and physiology will be presented together with some study of the historical background in obtaining the anamnesis, symptoms and physical findings.

*III. Third Year.*—9 hours.

Special lectures will be given on various historical episodes in medicine with reference to specific diseases. Meetings will be held one evening each month.

### MEDICAL ART AND VISUAL EDUCATION

PROFESSOR WATERS; ASSISTANT PROFESSORS SAGE, SANDERS;  
INSTRUCTOR O'NEILL

Medical Art is the application of art to medicine. The organization and maintenance of a Department of Medical Art and Visual Education involves a number of co-ordinating efforts. The main purpose is to disseminate, through visual means, information relative to the study, prevention, and treatment of disease. This is done by the application of art, photography, and the science of display to these subjects, emphasizing the clearness and accuracy of the picture, and the most favorable method of presentation. To this presentation of information, conveyed through visual perception, we apply the term "visual education."

The Department produces and co-ordinates the visual teaching material for the Medical School and extension programs, and illustrates the research of the preclinical and clinical faculties of the Medical School. It maintains a



co-operative relationship in visual educational activities with all other Departments of the School. When their teaching programs can be better presented by the use of drawings, charts, diagrams, photographs, photomicrographs, and lantern slides, these are produced in the Department. Motion pictures on various medical subjects are produced in black and white, color, and sound.

The Southwestern Medical School is a fully accredited institution offering work leading to the degree of Master of Medical Art. The qualifications of a medical artist are a thorough training in art, with an equally thorough training in those basic sciences of medicine which are applicable to medical illustration. A classroom and laboratories are provided for a limited number of students who may be accepted for training in art, photography, photomicrography, and other methods of visual education as applied to medicine, in addition to the preclinical courses studied in other departments of the Medical School.

### First Year

	<i>Semester Hours of Credit Equivalent</i>
<i>Histology</i> .....	5
About 75 drawings of normal tissues are required in this course.	
<i>Gross Anatomy</i> .....	10
<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> .....	10
A limited number of drawings are made from the diseased tissues studied.	
<i>Pathology and Autopsy Drawing</i> .....	2
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>Semester Hours of Credit Equivalent</i>
<i>Drawings of Surgical Procedure and Endoscopic Drawings</i> .....	8
Sketches are made in the operating room and at the gastroscopic, cystoscopic, and eye clinics. These sketches are then carefully 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 as applied to medicine. Advanced lectures are given on photo-engraving processes and field trips are included.	
<i>Planning and Preparation of Exhibits and Displays</i> .....	3
Practical problems are presented for the student to work up in scale models. A limited amount of work may also be given in the preparation of exhibits for medical presentation.	
<i>Master's Thesis</i> .....	6

#### FILM LIBRARY

The Department is constantly endeavoring to build up a motion picture library of the best teaching films that have been produced. These films cover a variety of medical subjects. Most of them are in color; several are in sound and color. Many more films will be added as they are approved for teaching and as they become available for purchase. The production of new medical teaching films is also a major endeavor of this Department.

#### PROJECTION EQUIPMENT

This 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 audiovisual means to medical education, this Department is constantly conducting research in the 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 especial interest in particular phases of this work.

#### MEDICINE

PROFESSORS HARRISON, WINANS, BLACK, CARLISLE, CARTER, DONALD, MASON, MILLER, REDDICK, ROUSE; LECTURER SANDERS; ASSOCIATE PROFESSORS BARTON, BRERETON, BROWN, CARMAN, FRIEDMAN, HARRIS, HAWKINS, HEYER,



LANZ, MENDENHALL, PATTERSON, RIPPY, SHELburnE, SWEENEY, UNDERWOOD; ASSISTANT PROFESSORS ALLDAY, BAGWELL, BAXTER, BUEHLER, BUFORD, CHAPMAN, COGGESHALL, DATHE, DAVIDSON, FABER, JONES, LEEPER, LIPSCHULTZ, MADDOX, METZ, POTTS, REICHSMAN, ROSS, SENSENBACH, SHELTON, SHUEY, SMITH, STRAUSS, THOMAS, WHITTEN; INSTRUCTORS AULT, AVERA, BARNES, BARNETT, DAILY, DUNCAN, FREED, GALT, GRANT, HARVILL, HAWLEY, HERNDON, HORN, HUTCHISON, LADUE, MADISON, MARIETTA, MASON, MCCLUNG, MERRICK, PICKETT, RATTAN, REAGAN, ROBERTSON, SCHUETT, SCURRY, WEST, WOLFRAM; ASSISTANTS ABRAMSON, ADDISON, BOSTER, BRUTON, CINNAMON, FINNEGAN, MASON, MCNEILL, MOODY, SCHREIBER; FELLOWS ACKER, BAILEY, EDDLEMAN, EISENBERG, GREVE, HOLMAN, OLIVER, TOBIAN; STUDENT FELLOWS BINION, WILLIS

#### EXPERIMENTAL MEDICINE

PROFESSOR GROLLMAN; RESEARCH FELLOW GOTTSCHALK; FELLOW VANATTA

#### DERMATOLOGY AND SYPHILOLOGY

PROFESSOR SHELmIRE; ASSOCIATE PROFESSORS FOX, SCHOCH; ASSISTANT PROFESSOR BRAU; INSTRUCTORS ALEXANDER, BLAIR, HOWELL, LOFTIS, SHIELDS, WASSERMAN, WHARTON; RESEARCH FELLOW FOWLER

#### MEDICINE

The purposes of the teaching in internal medicine are: (1) to train the student to meet responsibility; (2) to create a desire for knowledge; (3) to impart information; and (4) to generate a healthy skepticism and the habit of independent thought. Therefore, the didactic work is limited in amount and the majority of the teaching is done at the bedside in relation to the practical problems which arise in patients. The students function together with the house staff and senior staff as members of a team, the efforts of which are directed at better care for the individual patient.

A series of lectures and clinics are given which serve the purposes of stimulation and orientation, as well as imparting knowledge. The students are expected, on their own initiative, to supplement such formal teaching with reading from books and journals.

Most of the courses are taught by large groups of instructors, and the instructional plan is kept fluid. Hence courses are not permanently assigned to individual teachers.

During the preclinical courses patients are from time to time demonstrated to the students, in order to emphasize the relationship of the basic sciences to the care of the sick. In such clinics no attempt is made to teach clinical medicine as such, but rather to emphasize the fundamental importance of preclinical work.

#### First Year

##### INTRODUCTION TO MEDICINE—36 HOURS.

This lecture series is designed to orient the first-year student for later work in the department.



**Second Year****\*COURSE I—INTRODUCTION TO MEDICINE—160 HOURS.**

This course is divided into several parts, all of which are designed to teach the student how to approach the examination of a patient.

There is a series of lectures and demonstrations on the technique of obtaining a detailed and accurate story of the patient's illness. The pathogenesis of the common causes of the more important symptoms is discussed in a series of case demonstrations and clinics.

The course in physical diagnosis consists of one hour of lecture followed by two hours of practical work. The students first examine normal subjects and later, patients. The class is divided into small groups of six to eight students, with an instructor assigned to each group. The course includes not only the heart and lungs, but the body as a whole.

**Third Year****COURSE II—LECTURES AND CLINICS—48 HOURS.**

One lecture per week and one clinic per week are given in Medicine. The purpose of these is to cover the general principles concerned in the diagnosis and treatment of the more common diseases. These exercises are given in an informal manner at the various hospitals to which the students are assigned.

**COURSE III—CLERKSHIP IN MEDICINE—ABOUT 550 HOURS.**

Each student spends two-thirds of his third year in Medicine working as a clinical clerk. The students are assigned patients and carry out complete examinations, including history, physical examination, and the usual laboratory work. Ward classes or ward rounds are held daily with discussions at the bedside. Students are expected to be available at all times as needed for work on patients. As the student develops experience and begins to display facility in his work, increased responsibilities are assigned to him. During the clerkship period most of the work is on wards, but a small amount of time is spent in the outpatient department.

**COURSE IV—CLINICAL CHEMISTRY—24 HOURS.**

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.

**Fourth Year****COURSE V—PRINCIPLES OF MEDICAL MANAGEMENT—24 HOURS.**

A series of discussions concerning the therapy of the more important and common disorders.

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\*This includes medicine, applied anatomy, neuropsychiatry, and obstetrics and gynecology. The course is valued at 2 units.



**COURSE VI—ELECTIVE COURSES IN MEDICINE.**

Certain lectures are offered which the students are expected to attend, provided such attendance does not interfere with the student's practical bedside work with patients. These lectures include particular emphasis on some of the special fields such as gastroenterology, diseases of the lungs, allergy, and cardiology.

During the elective period of the fourth year a student may elect either clinical or research work by special arrangement with the various members of the staff. Students may also make arrangements for additional work on the wards or in the outpatient department.

**EXPERIMENTAL MEDICINE**

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 aid in such studies as are under investigation in the laboratory.

**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.

### NEUROPSYCHIATRY

PROFESSOR WITT; LECTURERS RAIBLE, SUTHERLAND; ASSOCIATE PROFESSORS MORRIS, TALKINGTON, WEISZ; ASSISTANT PROFESSORS ATEN, FARMER, FORD, HARRINGTON, LEVIN, PEARCY, SCHWENKENBERG, SHELTON; INSTRUCTORS BOUTWELL, BURRUSS, HOEKSTRA, MONTGOMERY, PENCE, TOBIAS, WINN, ZBRANEK; ASSISTANTS BECKER, BIACH, BLOSS, BURKETT, CARTER, DINS-MORE, GIGES, GLENN, HESSER, MILLER, NININGER, ROGERS, ZINKIN

#### First Year

**COURSE I—ART OF MEDICINE—48 HOURS. THREE HOURS PER MONTH DURING THE ENTIRE YEAR.**

This covers the effects of emotional disturbances on the body and a study of conflict-producing situations in man, both from the individual and cultural point of view. Human relationships are studied in the following spheres: family, neighborhood, school, community, religious, occupational, sexual, marital, military, and veteran.

#### Second Year

**COURSE II—THE EXAMINATION OF THE PATIENT'S PERSONALITY—20 HOURS.**

This course is parallel to the course in Introduction to Medicine. It is an extension of Course I concerned with applications of medical psychology and sociology to history taking. Interviewing methods and applications of psychological testing are stressed.

**COURSE III—THE ART OF MEDICINE—90 HOURS.**

This is the clinical application of Courses I and II. Students are assigned in small groups to the various general clinics and services of the hospitals. They are responsible for thorough general write-ups on a few selected cases. Cases are presented by the student in a conference attended by various members of this department and other departments concerned with the problem at hand.

#### Third Year

**COURSE IV—CLINICAL PSYCHIATRY—36 HOURS. ONE HOUR PER WEEK THROUGHOUT THE YEAR.**

Lectures and demonstrations covering the diagnosis, treatment, and management of the more common mental disorders.



**COURSE V—CLINICAL NEUROLOGY—12 HOURS. ONE HOUR PER WEEK THROUGHOUT THE THIRD TERM.**

Lectures and demonstrations covering the diagnosis, pathology, and treatment of the more common and important neurological diseases.

**Fourth Year**

**COURSE VI—ADVANCED CLINICAL PSYCHIATRY—WARD—10 HOURS.**

Each section of six students examines and discusses four hospitalized psychiatric patients representative of important types of mental disorders seen in practice.

**COURSE VII—NEUROPSYCHIATRY—OUT-PATIENT—24 HOURS.**

Each section of the six students is assigned to the Dispensary Service of Parkland Hospital to work with outpatients for a period of four weeks.

**COURSE VIII—NEUROLOGY—OUT-PATIENT—10 HOURS.**

Each section of six students is assigned to the neurology out-patient service for four weeks.

**COURSE IX—NEUROLOGY—4 HOURS.**

Ward walks, demonstrations of outstanding neurological disorders.

**OBSTETRICS AND GYNECOLOGY**

EMERITUS PROFESSORS BOURLAND, DUNLAP; PROFESSORS MENGERT, GILBERT, MAFFETT, MASSEY, ROBINSON; ASSOCIATE PROFESSORS DEVEREUX, GOFF, GUERRIERO, McIVER, NEWSOM, STROTHER; ASSISTANT PROFESSORS BOURLAND, CRUTCHER, ESTES, FRY, HARREL, JORDAN, KANTOR, LANGSTON, MORRIS, PREJEAN, RUCKER, SEBASTIAN, SEELY, VIEAUX, WINN; INSTRUCTORS ABRAMS, BAKER, BENNETT, BLEND, BOURLAND, BROWN, CARTER, CLARK, DAVIDSON, DOWNS, GOTTLICH, GRIFFIN, HARRISON, HOOD, LEE, MARTINAK, MENDEL, MINNETT, NEWELL, ROSENTHAL, RUMPF, TOUCHSTONE, WILLIS, WOLFF, WOODARD; ASSISTANT HERMES

**Second Year**

**COURSE I—OBSTETRIC AND GYNECOLOGIC HISTORY TAKING AND EXAMINATION—ENTIRE CLASS—12 HOURS.**

This is part of Course I, "Introduction to Medicine," of the Department of Medicine.

**Third Year**

**COURSE II—THE PRINCIPLES OF OBSTETRICS AND GYNECOLOGY—36 HOURS. ENTIRE CLASS. ONE HOUR A WEEK DURING THE YEAR.**

The anatomy, physiology and pathology of the female reproductive apparatus, and a few of the major pathologic concepts will be stressed in a series of didactic lectures.



**COURSE III—OBSTETRIC AND GYNECOLOGIC CLINIC—36 HOURS. ENTIRE CLASS. ONE HOUR A WEEK THROUGHOUT THE YEAR.**

The major disease concepts of Obstetrics and Gynecology will be illustrated by presentation of patients.

**COURSE IV—DISPENSARY—120 HOURS.**

Students in blocks of approximately six each will be assigned to the Obstetric and Gynecologic Out-Patient Dispensary of Parkland Hospital to serve as clinical clerks.

**COURSE V—MANIKIN—20 HOURS. FOUR HOURS A WEEK FOR ONE-HALF OF A TERM.**

Practical demonstrations of the mechanics of labor and the technique of forceps operations and breech extraction.

**Fourth Year**

**\*COURSE VI—CLINICAL CLERKSHIP AND PRACTICAL OBSTRETICS—ESTIMATED 300 HOURS. ENTIRE TIME DURING FOUR WEEKS OF A TERM.**

Students in blocks of approximately eight each will be assigned to act as clinical clerks in the Department of Obstetrics and Gynecology of Parkland Hospital.

**PATHOLOGY**

PROFESSOR HILL; ASSOCIATE PROFESSORS GILL, ASHWORTH, FURTH, GOFORTH, HABERMAN, MUIRHEAD, WOODS; ASSISTANT PROFESSORS CROLL, WOLLENMAN; INSTRUCTORS CRASS, RICE; ASSISTANT WITTSTRUCK; FELLOW SMITH

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—300 HOURS.**

A recitation, lecture and laboratory course for second-year students, covering the principles of pathology, and including a systematic study of the diseases of the main organs. Detailed consideration is given to the infective granulomas and neoplasms. Selected autopsies are witnessed by all members of the class.

The major part of the laboratory work consists of the study of sections illustrating all of the main lesions produced by disease, and this work is closely correlated with the lectures and recitations.

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\*This includes 24-hour obstetrics service.



**COURSE II—CLINICAL PATHOLOGY—150 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**

PROFESSORS FASHENA, YOUNG; ASSOCIATE PROFESSORS HODGES, HOPKINS, LUECKE, MCFARLAND, ROBERT MOORE, NESBIT; ASSISTANT PROFESSORS ASHEY, BRADFORD, BROOKSALER, DUNLAP, HACKER, KNICKERBOCKER, H. MOORE, RAMSEY MOORE, NORMAN, PERKINS; INSTRUCTORS ALFIERI, BATES, BRANCH, FINE, HALE, HALPERN, HAWKINS, KNOX, MEWHINNEY, PORTER, POWERS, PROVENCE, SANDERS, WALKER; ASSISTANT SMITH



**Second Year****COURSE I—METHODS OF EXAMINATIONS IN PEDIATRICS—9 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 three hours of didactic instruction and six hours of ward work with patients.

**Third Year****COURSE I—PRINCIPLES OF PEDIATRICS—44 HOURS.**

This course consists of 22 lectures and 22 clinics covering growth and development of the normal child, principles of nutrition and infant feeding, and the diseases of children.

**COURSE II—CLINICAL CLERKSHIP—6 WEEKS.**

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

**COURSE III—JUNIOR CLINICAL CONFERENCES—28 HOURS.**

During the junior clerkship a one-hour clinical conference is held each day 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—4 WEEKS.**

In this course the student acts 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. Daily ward conferences are also held in conjunction with resident staff conferences.

**COURSE II—CLINIC—36 HOURS.**

The entire senior class meets once a week with various members of the teaching staff at Bradford Memorial Hospital for case presentation and discussion.

**COURSE III—DEVELOPMENTAL DIAGNOSIS, HOPE COTTAGE—8 HOURS.**

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

**COURSE IV—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.



**PHYSIOLOGY AND PHARMACOLOGY**

PROFESSORS GROLLMAN, LACKEY; ASSOCIATE PROFESSOR GOTH;  
ASSISTANT McLEAN

The scientific aspects of physiology and pharmacology are presented in the laboratory and lecture room as a basis for the practice of medicine. In addition, a few qualified students are accepted for special research under the direction of the staff.

**First Year****COURSE I—PHYSIOLOGY—300 HOURS.**

This course consists of lectures, conferences, laboratory work, and demonstrations with emphasis on the broader principles of the subject.

The course begins with a consideration of the physiology of muscle and nerve and instruction in the use of the standard physiological laboratory equipment. This is followed by a more comprehensive study of the physiology of blood, circulation, respiration, digestion, metabolism, excretion, central nervous system, special senses, and the glands of internal secretion. In the laboratory emphasis is placed on practical aspects of human physiology.

Formal library training is provided as a part of the course in physiology.

**Second Year****COURSE II—PHARMACOLOGY—150 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 chemical properties of drugs, incompatibilities, toxicological analysis, the chief work of the course will be concerned with experimental pharmacodynamics. Lectures and conferences on pharmacological and toxicological properties of drugs will be closely correlated with laboratory work. Available preparation forms and posology of drugs will be studied as the various types of medicinal agents are considered. Prescription writing exercises will be given.

**Fourth Year****COURSE III—PATHOLOGICAL PHYSIOLOGY—36 HOURS. WEEKLY THROUGHOUT THE YEAR.**

The fundamental principles of physiology are presented from the standpoint of their application to clinical medicine.

**PUBLIC HEALTH AND PREVENTIVE MEDICINE**

PROFESSORS HART, SULKIN; LECTURERS BASS, EHLERS, RAIBLE, SMYTHE, SUD-  
DERTH; ASSOCIATE PROFESSOR PIKE; ASSISTANT PROFESSOR STRAUSS

**Second Year****COURSE I—PUBLIC HEALTH—100 HOURS.**

It is the purpose of this course to prepare the student, by precept and example, to fulfill his responsibilities for the health of the community. The



general and specific methods by which disease is controlled both in the community and in the individual are discussed. By practical demonstrations on field trips, the student is presented with the actual workings of the agencies dealing with community hygiene, including those in charge of water purification, pasteurization and sanitary control of milk and other foods, sewage disposal, rodent and insect control, etc. The student is also given the opportunity to observe at first hand the operation of community health agencies, including visits by public health nurses to the homes of the sick, and visits to maternity, well-baby, tuberculosis, venereal disease, and crippled children's clinics. The practical demonstrations are supplemented by discussions led by qualified workers in each field.

### **Third Year**

#### **COURSE II—PREVENTIVE MEDICINE—36 HOURS.**

The purpose of this course is to emphasize the essential responsibility of the practicing physician toward his individual patients in the prevention of disease. The course is designed to orient the thinking of the student toward prevention of disease as a basic function of the practitioner in all fields of medical practice. In weekly clinics patients from the general wards of the hospital are presented and discussed informally to emphasize the preventive viewpoint in the diagnosis and management of individual patients. Supplementing the clinics, the student is given the opportunity to participate in a practical demonstration of periodic health examinations of school children for the early detection of remedial diseases.

### **SURGERY**

PROFESSORS GOODE, CARTER, D'ERRICO, HUDSON, MILLS; ASSOCIATE PROFESSORS COCHRAN, DORMAN, DUCKETT, NORTH, SHAW, SHORT, WEIR, WOODS; ASSISTANT PROFESSORS ALEXANDER, BRADFIELD, CARSWELL, DUNLAP, HARRISON, KLEINSASSER, MCCrackEN, NASH, PAULSON, RIDDLE, SELECMAN, SMALL, WARREN; INSTRUCTORS ARONOFF, AUSTIN, BOLAND, BOOKATZ, BUMPASS, BURNETT, BUSSEY, W. FUQUA, S. GALT, GEIGERMAN, GILL, HART, HAYS, JENKINS, JOHNSON, KERN, KIDD, KREGEL, LAMBERTH, MONTGOMERY, PARK, RILEY, SHANNON, SPARKMAN, TAYLOR, TOBOLOWSKY, WEARY, WELCH, WOOD, WOOLF; ASSISTANT AUSTIN

#### **EXPERIMENTAL SURGERY**

PROFESSOR MOYER; FELLOWS CLAYTON, CRAMER, FOGELMAN, IVERS, SHIRER, WARSHAW, WILSON; STUDENT FELLOWS COLEMAN, JONES

### **OPHTHALMOLOGY**

EMERITUS PROFESSOR CARY; PROFESSOR COX; ASSOCIATE PROFESSORS JENKINS, JONES, QUINN, THOMAS; ASSISTANT PROFESSORS BRANNIN, DANIEL, McCULLOUGH, NEWTON; INSTRUCTORS BLOCK, GRAFTON, HOFER, KNOWLES, MARCHMAN, MAXWELL; ASSISTANTS BURNSIDE, DAVIS, MEISENBACH, RICHTER



**ORTHOPEDIC SURGERY**

PROFESSOR GIRARD; ASSOCIATE PROFESSORS MCGUIRE, WILLIAMS; ASSISTANT PROFESSORS ANDERSON, BARNES, BECKERING, BUTTE, BYWATERS, CARRELL, FRANKLIN, KNIGHT, ZUELZER; INSTRUCTORS HERRICK, KLECKA, LEGG, LOISELLE, PAYNE, WARE, WATKINS

**OTOLARYNGOLOGY**

EMERITUS PROFESSOR MARCHMAN; PROFESSOR JONES; ASSOCIATE PROFESSORS SELLERS, SINGLETON; ASSISTANT PROFESSORS JENKINS, LOVE, WINBORN; INSTRUCTORS BARR, DARROUGH, FURCHCOTT, NELSON, WALDMAN, YOUNGBLOOD; ASSISTANTS STELL, TARRER

**PROCTOLOGY**

PROFESSOR ROSSER; ASSOCIATE PROFESSORS KERR, SMITH; ASSISTANT PROFESSOR BALDWIN; INSTRUCTOR ROWE; ASSISTANT O'BRIEN

**RADIOLOGY**

PROFESSOR MARTIN; ASSOCIATE PROFESSOR MILLER; ASSISTANT PROFESSORS BURFORD, CLAYTON, LOVELL, MAXFIELD, MAZER, SAZAMA, SPANGLER

**UROLOGY**

ASSOCIATE PROFESSORS ALEXANDER, KING, O'BRIEN, SPENCE, VERMOOTEN, WHITE, WILLIAMS; ASSISTANT PROFESSORS DUFF, PACE, SHANE, SMITH; INSTRUCTORS BAIRD, FROMM, C. FUQUA, MITCHELL, MOONEY, WOLFE

**Third Year**

**LECTURES AND CLINICS.**

Third-Year Surgery consists only of preliminary lectures in surgery and its sub-divisions.

**Fourth Year**

**CLERKSHIPS.**

Fourth-Year Surgery consists fundamentally of clinical clerkships on the wards of Parkland, Baylor University, and the McKinney and Dallas Veterans Administration Hospitals.

One-ninth of the class will serve as externs on the services of otolaryngology and ophthalmology in addition to their work on other specialities for a period of about four weeks.

One-ninth of the class will serve as externs on the Surgical Service of Baylor University Hospital for four weeks.

One-ninth of the class will serve as externs on the wards of Parkland Hospital and on the Orthopedic Service of Texas Scottish Rite Hospital for Crippled Children.

One-ninth of the class will serve as externs on the General Surgical Service of Parkland Hospital.

Two-ninths of the class will work in the Surgical Clinics in emergency and also on the Urological Wards of Parkland Hospital.



During this time they will also receive practical instruction in anesthesiology and surgical technique. Clinical conferences will be held weekly in general surgery, orthopedics and urology.

#### **OPHTHALMOLOGY AND OTOLARYNGOLOGY**

##### **Third Year**

#### **COURSE I—OPHTHALMOLOGY—11 HOURS. ONE HOUR PER WEEK DURING THIRD TERM.**

This course consists of lectures, recitations, and demonstrations covering the more common and more important diseases of the eye. Special emphasis is placed on such conditions as are commonly seen by the general practitioner.

#### **COURSE II—OTOLARYNGOLOGY—11 HOURS. ONE HOUR PER WEEK DURING THE THIRD TERM.**

Lectures, recitation, and demonstrations covering the more common and more important diseases of the ear, nose, and throat, with special emphasis on such conditions as are commonly seen by the general practitioner.

#### **COURSE III—DISPENSARY—44 HOURS.**

The class is divided into small sections. On entering the clinic, the students are given a review on taking a brief, practical eye, ear, nose, and throat history and the instructor demonstrates the technique of a complete routine eye, ear, nose, and throat examination, including ophthalmoscopy transillumination of the maxillary and frontal sinuses and mirror examination of the nasopharynx and larynx. The students are taught how to use the head mirror, the simple ear speculum, the electric otoscope, the Siegel's otoscope, the nasal speculum, and the laryngeal and post nasal mirrors.

The students are taught didactically and by demonstration, when possible, the more simple ear, nose, and throat procedures that one doing general practice in this section of the country is called upon to do.

Many varied pathological conditions affecting the eye, ear, nose, and throat are presented to the students and discussed thoroughly. The diagnosis, treatment, and prognosis of each condition are carefully considered.

Operative clinics and ward rounds are held twice weekly. The students may witness various operations on the eye and observe the patient during recovery.

#### **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.

##### **First Year**

#### **COURSE I—RADIOLOGIC ANATOMY—24 HOURS.**

A series of lecture demonstrations covering radiological anatomy is presented to the freshman class in correlation with gross anatomy during the fall and winter terms each year. The normal radiological aspects of the skeletal



system, thoracic contents and abdominal contents are presented during or immediately following the study of these systems on the cadaver. X-ray films and lantern slides of X-ray films are used for the demonstrations.

#### **COURSE II—RADIOLOGIC PHYSIOLOGY—12 HOURS.**

This course attempts to demonstrate physiologic processes in the various systems. The hollow viscera, which are demonstrable by contrast media, are shown. The students, in small groups, see a fluoroscopic examination of the heart, colon, and upper portion of the gastro-intestinal tract, as well as any other examinations which may be performed in the X-ray Department while they are there.

### **Second Year**

#### **COURSE III—RADIOLOGIC PATHOLOGY—32 HOURS.**

This course is given along with general pathology. It 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. Important manifestations of other diseases of the systems are also shown.

### **Fourth Year**

#### **COURSE IV—THE TUMOR CLINIC—36 HOURS.**

This clinic which is given for one hour each week in the fourth year is supervised by the radiological department and consists of clinical demonstrations of patients and short descriptions of the various types of neoplasms. The many phases of this subject are covered by groups of the members of the Tumor Clinic Staff, and an effort is made to acquaint the students with the latest methods used in the diagnosis and treatment of cancer.



# DEGREES CONFERRED IN 1949

## DOCTOR OF MEDICINE

(June 6, 1949)

Name	Place of Internship
Akland, Leonard Rudolph	University Hospital, Omaha, Neb.
Auld, Marian L.	Parkland Hospital, Dallas
Barnett, Jim Crawley, Jr.	United States Naval Hospital, San Diego, Calif.
Blaha, Frank J., Jr.	City-County Hospital, Ft. Worth
Booth, Mary	Harris Memorial Hospital, Ft. Worth
Brendze, Robert	Cambridge City Hospital, Cambridge, Mass.
Buster, Frank Kendrick	University Hospital, Oklahoma City, Okla.
Carlin, Gene Arnold	Cedars of Lebanon, Los Angeles, Calif.
Chaiken, Bernard Henry	Boston City Hospital, Boston, Mass.
Crawford, Franklin Lee	United States Marine Hospital, New Orleans, La.
Deal, Doris Eva	Parkland Hospital, Dallas
DeLaurentis, Joseph Edward	Misericordia Hospital, Philadelphia, Pa.
Deikman, Fred Carleton	United States Naval Hospital, Bremerton, Wash.
Dozoretz, Herbert	Veterans Administration Hospital, McKinney
Eggertsen, Burton S.	Norfolk Marine Hospital, Norfolk, Va.
Farris, Robert Grantland	University Hospital, Ann Arbor, Mich.
Fisch, Benjamin Ruben	Baylor University Hospital, Dallas
Fisher, Donald Kenneth	Harrisburg Hospital, Harrisburg, Pa.
Gainer, Marthelyn Johnson	John Sealy Hospital, Galveston
German, James Lafayette	Cook County Hospital, Chicago, Ill.
Goodwin, Ben Allen	Richland County Hospital, Columbia, S. C.
Gossard, Wayne Harrell	Parkland Hospital, Dallas
Harshbarger, Marjorie Sue	Parkland Hospital, Dallas
Hertell, Joseph Alan	St. Joseph's Hospital, Ft. Worth
Huckabee, William Edward	Massachusetts Memorial Hospital, Boston, Mass.
Hunter, Elizabeth Darlene Loucks	Parkland Hospital, Dallas
Irvin, William Paul	DePaul Hospital, Norfolk, Va.
Johnson, Foreign Melvin	City-County Hospital, Ft. Worth
Johnston, Dewey Williams	Veterans Administration Hospital, McKinney
Kilgore, Don Gibson, Jr.	Parkland Hospital, Dallas
Kleban, Meyer Nathan	Johns Hopkins Hospital, Baltimore, Md.
Levitin, Howard	Jewish Hospital, Cincinnati, Ohio
Little, Ruth Power	St. Joseph's Hospital, Ft. Worth
MacDougall, Malcolm Palmer	Good Samaritan Hospital, Portland, Ore.
Mack, Sam	Baylor University Hospital, Dallas
McClendon, Harry Mays	City-County Hospital, Ft. Worth
Parker, Clarence Reece	Charity Hospital, Shreveport, La.
Parker, Milton Forbes	Marine Hospital, Norfolk, Va.
Pear, Patricia Lee	Gouverneur Hospital, New York, N. Y.



Name	Place of Internship
Peddicord, Harper, II.....	United States Naval Hospital, Oakland, Calif.
Phillips, Sam Houston, Jr.....	Duke University Hospital, Durham, N. C.
Ralston, Leslie Wayne.....	Denver General Hospital, Denver, Colo.
Ramirez-Ledesma, Jafeth.....	Aguadilla District Hospital, Puerto Rico
Reed, Ray Daniel.....	Parkland Hospital, Dallas
Reynolds, Charles Lee, Jr.,.....	Naval Hospital, Newport, R. I.
Seidel, Clifford Charles.....	Baylor University Hospital, Dallas
Senter, Jack Milton.....	City-County Hospital, Ft. Worth
Sims, James Richard, Jr.....	Brackenridge Hospital, Austin
Sloan, Charles Matteson.....	Parkland Hospital, Dallas
Stevenson, Harold Roland.....	Baylor University Hospital, Dallas
Strickland, George Elvin.....	Good Samaritan Hospital, Phoenix, Ariz.
Viard, Walter Sloan, Jr.....	St. Joseph's Hospital, Ft. Worth
Wasson, Robert Fleming.....	Brackenridge Hospital, Austin
Wharton, William Martin.....	Prima County Hospital, Tucson, Ariz.
Whitcomb, Orene Lavinia.....	San Francisco Hospital, San Francisco, Calif.
Woods, Channing.....	Parkland Hospital, Dallas

**MASTER OF MEDICAL ART**

Campiglia, Edward Thomas	Osburn, William Arthur
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# REGISTER OF STUDENTS, 1948-1949

## MEDICAL SCHOOL

### FIRST YEAR

(September 8, 1948-June 4, 1949)

(Candidates for Graduation, June, 1952)

Name	Town	Name	Town
Adwan, Kenneth Oscar	Oklahoma City, Okla.	Herndon, Ernest Thompson	Dallas
B.S., Oklahoma University, 1949.		B.A., Southern Methodist University, 1948.	
Anderson, Flora Katherine	Abilene	Hodges, Lester Arlander	Dallas
B.A., Hardin-Simmons University, 1948.		B.S., East Texas State Teachers College, 1948.	
Arbuckle, Bertrand Duane	Corpus Christi	Jones, Homer Clay, Jr.	Thoreau, N. M.
B.S., Texas College of Arts and Industries, 1948.		B.A., Southern Methodist University, 1948.	
Archer, John Robert	Amarillo	Jordan, Jack Grundy	Tulia
Caldwell, Joe Buck	Kaufman	B.S. in N.S., The University of Texas, 1947.	
B.A., North Texas State Teachers College, 1948.		Kane, John Redding	Dallas
Campbell, Robert Douglas	Dallas	B.A., University of Arizona, 1948.	
B.S., Southern Methodist University, 1948.		Knight, Ralph Walker	Wichita Falls
Castleberry, Lawrence McKelvy	Albany	B.S., Agricultural and Mechanical College of Texas, 1948.	
Chancellor, Harbert Clarence, Jr.	Dallas	Lewis, Elbert Hampton	Denton
Collazo, Cesar Augusto	Juncos, P. R.	Lewis, Hunter Weymouth	Mesilla Park, N. M.
B.S. in Agric., University of Puerto Rico, 1944.		Loeb, Ellen	Dallas
Connor, Robert Brevard	Daingerfield	Marlow, Guy	Dallas
B.S., University of Houston, 1947; M.S., 1948.		Marrow, William Spencer	Quanah
Davis, Jeff Hugh	Levelland	Moore, Kendall Huntley	Dallas
B.S. in E.E., Texas Technological College, 1944.		Morgan, James Roderick	Rotan
DeLarios, Arthur Trinidad	Dallas	B.A., The University of Texas, 1948.	
Downs, Haskell Edward	Ft. Worth	Ollerton, Robert Milton	Phoenix, Ariz.
Epps, Turner Darnell	Dallas	B.S., Brigham Young University, 1949.	
Feinberg, Walter David	Clovis, N. M.	Pierce, John Rush	Dallas
B.A., Rice Institute, 1948.		Pullen, Charles	Flagstaff, Ariz.
Fogleman, James Douglas	Dallas	B.S., Arizona State Teachers College, 1948.	
Gilbert, James Walter	Dallas	Reasonover, Farley Straughn	Dallas
Glattstein, Ladislav	El Paso	Renfroe, Thomas Wilson	Mount Pleasant
Goldsmith, James Paul	Quitman	B.B.A., Southwestern University, 1947; B.S., East Texas State Teachers College, 1948.	
B.S., M.S., East Texas State Teachers College, 1947.		Robinowitz, Keith Ivan	Dallas
Halden, Edgar Richard, Jr.	Austin	Robinson, David Lee	Dallas
Hanna, Homer Harold	Dallas	Rountree, John Robert	Dallas
Hardey, Carlton Eugene	Dallas	Sewell, James Woodward	Dallas
B.A., Texas Technological College, 1947.		Shepard, Marvin Glenn	Nacogdoches
Harris, William Sands	Dallas	B.A., The University of Texas, 1948.	
B.A., Southern Methodist University, 1948.		Shropulos, George Peter	Dallas
Harrison, Edwin Sanders	Ft. Worth	Silverthorne, John Diener	Phoenix, Ariz.
B.A., Texas Christian University, 1948.		Smith, Loyd Calvin	Sanderson
Haynes, William McCubban	Dallas	Smith, Wright K., Jr.	Dallas
B.A., Southern Methodist University, 1948.		B.S., Southern Methodist University, 1948.	
		Sparr, Richard Arthur	Dallas



Name	Town	Name	Town
Spratt, John Stricklin, Jr.	Dallas	Warkentin, Harold John	Premont
Stuntz, Homer Clyde	Dallas	B.A., Baylor University, 1948.	
B.A., The University of Texas, 1948.		Wexler, Ralph Martin	Texarkana
Teel, Theodore T., Jr.	Dallas	White, Ben Henson	Brady
Tompkins, Frances Lora	Dallas	B.A., Texas Christian University, 1944.	
Turner, Russell Lee, Jr.	Houston	Williford, Carl Ed	Fairfield
Ulrich, Anthony George	Houston	B.S., Southwestern University, 1948.	
B.S., St. Edward's University, 1943.		Wood, James Edward	
			Muskogee, Okla.

## SECOND YEAR

(September 8, 1948-June 4, 1949)

(Candidates for Graduation, June, 1951)

Name	Town	Name	Town
Adamson, Billy Mack	Dallas	Green, Travis Cochran	Raymondville
Amil, Manuel	Santurce, P. R.	B.A., The University of Texas, 1947.	
B.S., The Citadel, 1947.		Gunter, Joe Seth	Dallas
Autrey, Walter Claude	Dallas	Harris, Lauran Dudley	
Avery, Jack William	Dallas		Hamden, Conn.
Ballard, Claude James	Dallas	Howard, Charles Harris, Jr.	Moody
Bates, Richard Dayton	Dallas	B.A., The University of Texas, 1946.	
Bean, Nancy Lucretia	Dallas	Huggins, Clifford Samuel	Dallas
Binion, John Telemichus	Commerce	Jones, Robert Forrester	Dallas
Blain, James Marshall	Dallas	Kaden, Van Gene	Gainesville
B.S., Southern Methodist University, 1949.		B.S., North Texas State Teachers College, 1947.	
Boone, James Byron	Weimar	Laramore, Charles Bowden	
B.A., Baylor University, 1938.			Texarkana
Booth, Earnest	Abilene	Mariash, Arnold David	Dallas
Bounds, Lloyd Dov	Corpus Christi	B.A., The University of Texas, 1947.	
Brooks, James William	Bagwell	McBeath, Juanita Geneva	Dallas
Brown, E. C.	Wichita Falls	B.A., Texas State College for Women, 1947.	
B.A., Hardin-Simmons University, 1947.		Montmorency, Frank Arnold	
Campbell, Dale Pat	Itasca		Sheridan, Wyo.
Carr, Robert Lon	Lubbock	Onstead, Charles Offie, Jr.	Ennis
Christianson, Lynn	Dallas	B.A., North Texas State Teachers College, 1947.	
Churchill, Charles James		Rivera, Victor Manuel	
	Chicago, Ill.		Cabo Rojo, P. R.
Claunch, Ben Carter	Dallas	B.S. in Phar., University of Puerto Rico, 1940.	
B.S., Southern Methodist University, 1947.		Round, Harry Foster	San Angelo
Davis, Helen	Childress	B.S., Baylor University, 1947.	
B.A., The University of Texas, 1945.		Russell, Melvin Gray, Jr.	Dallas
Diller, Howard Albert	Evanston, Ill.	B.A., The University of Texas, 1947.	
B.S., Harvard University, 1944.		Seale, Hubert James	Abilene
Dommm, Bill Murrie	Mineral Wells	B.S., McMurry College, 1947.	
Fain, Allen Maurice	Abilene	Sears, Alvin Doyle	Lamesa
B.S., McMurry College, 1947.		B.B.A., The University of Texas, 1943.	
Farris, Chester Arthur, Jr.	Arlington	Shields, William Aaron, Jr.	Kingsville
B.S., M.S., College of Puget Sound, 1946.		Shupe, Robert Quayle	Phoenix, Ariz.
Faulk, Guy Winfield	Ft. Worth	B.S., The University of Houston, 1947.	
B.S., Texas Wesleyan College, 1947.		Steele, Wayne Kent	Trinity
Furumoto, Kiyoshi	Honolulu	Stout, Joseph Henry	Sherman
Glendenning, Fletcher Carey		Strickland, Charles Edward, Jr.	
	McAllen		State College, N. M.
B.A., The University of Texas, 1947.		Strickland, William Marvin, Jr.	
Goodson, James Henry	Henderson		Ft. Worth
B.A., Agricultural and Mechanical College of Texas, 1947.			



Name	Town
Terry, John Edward	Stamford
B.A., The University of Texas, 1947.	
Tompkins, Harry Harbison	Dallas
Ulery, Clarence Earl	Waco
B.A., Baylor University, 1947.	

Name	Town
Vivrett, Larry Wade	Dallas
B.S., Abilene Christian College, 1947.	
White, Robert Newton	Greenville
Whittlesey, Philip Edward, Jr.	Dallas
Young, David Beckham	Dallas

## THIRD YEAR

(September 8, 1948-June 4, 1949)

(Candidates for Graduation, June, 1950)

Name	Town
Andres, David	Dallas
B.S., The University of Texas, 1937; M.S., 1938; Ph.D., 1942.	
Axelrod, Walter Lincoln	Berkeley, Calif.
B.A., University of California, 1938.	
Bernwanger, Damon Charles	Morocco, Ind.
B.S., Purdue University, 1942.	
Bone, Fred William	Dallas
Boswell, George Marion, Jr.	Dallas
B.S., Texas Technological College, 1940.	
Boyd, Newell Dalton	Dallas
B.S., Southwestern University, 1940.	
Bray, Willis Joseph, Jr.	Kirkville, Mo.
B.S. in Ed., Northeast Missouri State Teachers College, 1937.	
Brownstein, Edward Jerone	Bronx, N. Y.
B.S., College of the City of New York, 1944.	
Burt, John Elmer	Dallas
B.A., Oklahoma City University, 1926.	
Caldwell, Wallace Earl	Baldwyn, Miss.
Caroe, Anton Edward	San Angelo
Clifford, James Lee	Blossom
Coleman, Sherman Tipton	Corpus Christi
Culwell, Jerry Hyde	Dallas
B.A., The University of Texas, 1941.	
Cummins, James Eugene	San Saba
Curtis, Margaret Sue	Ennis
B.S., Incarnate Word, 1946.	
Drynan, Arthur Wellesley, Jr.	Dallas
B.S., University of Portland, 1939.	
Edwards, George Alva	Blanket
B.A., North Texas State Teachers College, 1939.	
Ellis, Noel Arlis	Lubbock
Emmett, George Earl	Clinton, Miss.
Escontrias, Richard Daniel	El Paso
Falke, Gilbert Clarence	Dallas
Fox, William Irby	Abilene
B.A., Hardin-Simmons University, 1936.	
Freeman, Ray Winston	Ft. Worth
B.S., Texas Christian University, 1946.	
Fry, Wilburn Strong, Jr.	Dallas

Name	Town
Funk, Presley Clyde, III	Dallas
Gilbert, Leon Nelson, Jr.	Dallas
B.A., Southern Methodist University, 1940.	
Goldfarb, Jerry	Stamford, Conn.
Green, Charles Leslie	Dallas
Hampton, James Clyde	Dallas
B.A., Texas Christian University, 1946.	
Harris, M. C.	Dallas
Heberle, James Paul	Dallas
B.S., Texas Wesleyan College, 1942.	
Hudgins, Thomas Frederick, Jr.	Houston
Hudspeth, Ray	Dallas
B.A., North Texas State Teachers College, 1942.	
Izumi, Ernest Matsonau	Dallas
B.A., University of California, 1939; M.A., 1940.	
Jermyn, John William	Watertown, Mass.
John, George Lloyd	Ft. Worth
B.A., The Rice Institute, 1940.	
Johnson, Tom Lamar	Dallas
Kethley, Jerold Dudley	Dallas
B.S., McMurry College, 1938.	
Kolp, Berton Andrew	Sioux City, Iowa
B.A., Morningside College, 1946; B.S., University of South Dakota, 1948.	
Lewis, Louis Wilson	Dallas
B.A., University of Southern California, 1944.	
Lombardo, Thomas Anthony	Beaumont
Mangold, William J.	Dallas
McCullum, C. J.	Cleburne
Patton, Walter Harold	Dallas
Redus, Lonnie Clark	Dallas
B.S., Southern Methodist University, 1941.	
Salichs, Orlando Sotomayor	Ponce, P. R.
Schleyer, Otis	Kilgore
B.A., The University of Texas, 1944.	
Sewell, Marjorie Sue	Abilene
Smith, Caswell King	Lebanon, Tenn.
B.S., Georgia Technological College, 1943.	
Swartz, Jack	Los Angeles, Calif.
B.S., The University of Texas, 1941.	
Viari, William Nathan	Dallas



Name	Town	Name	Town
Walker, Jack Earl	Dallas	Wilkins, Bernard	Hartford, Conn.
B.A., Baylor University, 1938.		B.A., University of Connecticut, 1943.	
Weed, Florence Olga	Dallas	Williford, Talmage Young, Jr.	Cleveland, Miss.
B.A., The University of Texas, 1937; M.A., 1938.		B.S., Mississippi State College, 1941.	
Whitaker, Charles Hughston	Leland, Miss.	Willis, Kathryn W.	Arlington
	Dublin	Wing, Herman	Boston, Mass.
Wiles, Jack	Dublin	B.A., University of Maine, 1943.	
B.S., Temple University, 1943.			

## FOURTH YEAR

(September 8, 1948-June 4, 1949)

(Candidates for Graduation, June 6, 1949)

Name	Town	Name	Town
Akland, Leonard Rudolph	Menno, S. D.	Gossard, Wayne Harrell	Dallas
Auld, Marian L.	Plankinton, S. D.	Harshbarger, Marjorie Sue	Pottsboro
B.S., University of South Dakota, 1945.		B.S., North Texas State Teachers College, 1941; M.S., 1943.	
Barnett, Jim Crawley, Jr.	North Carrollton, Miss.	Hertell, Joseph Alan	Ft. Worth
Blaha, Frank J.	Dallas	B.S., Southern Methodist University, 1945.	
Booth, Mary	Abilene	Huckabee, William Edward	Dallas
Brendze, Robert	Chelsea, Mass.	Hunter, Darlene Loucks	Dallas
B.S., Bates College, 1943.		Irvin, William Paul	Norfolk, Va.
Buster, Frank Kendrick	Dallas	Johnson, Foreign Melvin	Ft. Worth
Carlin, Gene Arnold	Phoenix, Ariz.	B.S., Panhandle Agricultural and Mechanical College, 1940; M.S., 1940.	
B.A., Arizona College, 1942; M.A., 1943.		Johnston, Dewey Williams	Dallas
Chaiken, Bernard Henry	Brooklyn, N. Y.	B.S., Southern Methodist University, 1947.	
Crawford, Franklin Lee	Beaumont	Kilgore, Don Gibson, Jr.	Dallas
B.S., Southwestern Louisiana Institute, 1946.		Kleban, Meyer Nathan	San Antonio
Deal, Doris Eva	Dallas	B.S., Trinity University, 1946.	
B.A., The University of Texas, 1943.		Levitin, Howard	Columbus, Ohio
DeLaurentis, Joseph Edward	Wayne, Pa.	Little, Ruth Power	Mineola
B.A., St. Joseph's College, 1943.		B.S., Texas State College for Women, 1936; M.A., 1939.	
Dickman, Fred Carleton	Canton, S. D.	MacDougall, Malcolm Palmer	Oswego, Ore.
B.S. in Med., University of South Dakota, 1947.		Mack, Sam	Marshall
Dozoretz, Herbert	New York, N. Y.	D.D.S., Baylor University College of Dentistry, 1945.	
Eggertsen, Burton Simon, Jr.	Payson, Utah	McClendon, Harry Mays	Denton
B.S. in Med., University of South Dakota, 1947.		B.S., North Texas State Teachers College, 1941.	
Farris, Robert Grantland	Arlington	Parker, Clarence Reece	Marshall
B.S., North Texas State Teachers College, 1949.		Parker, Milton Forbes	San Antonio
Fisch, Ben R.	Dallas	B.S., Southern Methodist University, 1945.	
B.S., The University of Texas, 1945.		Pear, Patricia Lee	Dallas
Fisher, Donald Kenneth	Harrisburg, Pa.	B.A., University of California, 1944.	
Gainer, Marthaly Johnson	Dallas	Peddycord, Harper, II	Redwood City, Calif.
German, James Lafayette	Dallas	B.S. in Med., University of South Dakota, 1947.	
B.S., Louisiana Polytechnic Institute, 1945.		Phillips, Sam Houston, Jr.	Dallas
Goodwin, Ben Allen	Oklahoma City, Okla.	Ralston, Leslie Wayne	Midlothian
B.S., Texas Christian University, 1945.		Ramirez, Jafeth	Mayaguez, P. R.
		B.S. in Agric., University of Puerto Rico, 1941.	
		Reed, Ray Daniel	Ft. Worth
		B.S., The University of Texas, 1945.	



Name	Town	Name	Town
Reynolds, Charles Lee, Jr.	_____	Stevenson, Harold Roland	Canadian
_____	Muskogee, Okla.	_____	B.S., Texas Christian University, 1945.
Seidel, Clifford Charles	_____	Strickland, George Elvin	Graham
_____	Massena, N. Y.	Viard, Walter Sloan, Jr.	Ft. Worth
Senter, Jack Milton	Fulton, Miss.	Wasson, Robert Fleming	Dallas
Sims, James Richard, Jr.	_____	Wharton, William Martin	_____
_____	Omaha, Neb.	_____	Tucson, Ariz.
Sloan, Charles Matteson	_____	Whitcomb, Orene Lavinia	Dallas
_____	Dallas	Woods, Channing	Dallas
		_____	B.S., Southern Methodist University, 1947.

## MEDICAL ART

### FIRST YEAR

(Admitted September 8, 1948)

(Candidates for the Master of Medical Art Degree, June, 1950)

Cox, E. Brady, Jr.	Abilene	Thomas, George Joseph	Port Arthur
Hardin, John Wallace	Tyler	_____	B.A., Southern Methodist University, 1948.
Moeller, Marian J.	Hiawatha, Kan.		
_____	B.S. in H.E., Kansas State College, 1943.		

(Special)

Sanders, Ruth Maxwell	Dallas
_____	B.A., Southern Methodist University, 1927.

### SECOND YEAR

(Admitted September 8, 1947)

(Candidates for the Master of Medical Art Degree, June, 1949)

Campiglia, Edward Thomas	_____	Osburn, William Arthur	Dallas
_____	Denver, Colo.	_____	B.A., Southern Methodist University, 1948.
_____	B.A., University of Denver, 1947.		

## STATISTICAL SUMMARIES

### DEGREES CONFERRED, 1944-1949

	Conferred in 1949			Total 1944-1949		
	Men	Women	Both	Men	Women	Both
Doctor of Medicine	47	9	56	337	23	360
Master of Science	0	0	0	1	0	1
Master of Medical Art	2	0	2	2	1	3
Total	49	9	58	340	24	364

## SUMMARY OF STUDENTS

September 8, 1948-June 4, 1949

Medical		Men	Women	Both
Fourth Year	_____	47	9	56
Third Year	_____	56	4	60
Second Year	_____	54	4	58
First Year	_____	61	3	64
Medical Art				
Second Year	_____	2	0	2
First Year	_____	3	1	4
Special	_____	0	1	1
Total	_____	223	22	245







