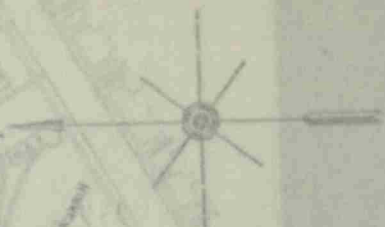


VANDERBILT UNIVERSITY
OF

20th Avenue



21st Avenue

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BULLETIN

of

VANDERBILT UNIVERSITY

NASHVILLE, TENNESSEE

SCHOOL OF MEDICINE

REGISTER OF STUDENTS FOR 1947-1948
COURSES, FACULTY, AND
ANNOUNCEMENTS FOR 1948-1949

Entered as second class matter at Nashville, Tenn.

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VANDERBILT UNIVERSITY

NASHVILLE, TENNESSEE

SCHOOL OF MEDICINE

REGISTER OF STUDENTS FOR 1912-1913

COURSE FACULTY AND

ANNOUNCEMENTS FOR 1912-1913

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CALENDAR

AUGUST 1, 1948 - JULY 31, 1949

AUGUST							SEPTEMBER							OCTOBER						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	
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8	9	10	11	12	13	14	5	6	7	8	9	10	11	3	4	5	6	7	8	
15	16	17	18	19	20	21	12	13	14	15	16	17	18	10	11	12	13	14	15	
22	23	24	25	26	27	28	19	20	21	22	23	24	25	17	18	19	20	21	22	
29	30	31					26	27	28	29	30			24	25	26	27	28	29	
														31						
NOVEMBER							DECEMBER							JANUARY						
	1	2	3	4	5	6				1	2	3	4							
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21	22	23	24	25	26	27	19	20	21	22	23	24	25	16	17	18	19	20	21	
28	29	30					26	27	28	29	30	31		23	24	25	26	27	28	
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FEBRUARY							MARCH							APRIL						
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27	28						27	28	29	30	31			24	25	26	27	28	29	
MAY							JUNE							JULY						
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CALENDAR OF SCHOOL ACTIVITIES

1948-1949

- Sept. 27 and 28, Monday and Tuesday*.....First Term registration. Assembly of all students at 11 A.M., Tuesday.
- Sept. 29, Wednesday*.....Instruction begins.
- Nov. 25, Thursday*.....A holiday. Thanksgiving Day.
- Dec. 13, Monday*.....First trimester ends.
- Dec. 14, Tuesday*.....Second trimester begins.
- Dec. 22, Wednesday*.....Christmas vacation begins at 5:00 P.M.
- Jan. 3, Monday*.....Instruction resumed.
- Jan. 29, Saturday*.....First semester (First Year) ends.
- Jan. 31, Monday*.....Second semester (First Year) begins.
- March 8, Tuesday*.....Second trimester ends.
- March 9, Wednesday*.....Third trimester begins.
- May 22, Sunday*.....Third trimester ends.
- May 23, Monday*.....Examinations begin.
- May 27, Friday*.....A holiday. Founder's Day.
- June 6, Monday*.....Commencement Day. Graduating Exercises at 10 A.M.

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THE SENATE

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REPORT OF THE SENATE COMMITTEE ON THE
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*Died December 12, 1947

**Died June 13, 1948

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FRANK H. LUTON

WILLIAM F. ORR, JR.

ASSOCIATE VISITING PSYCHIATRISTS

SAMUEL E. ABEL
G. TIVIS GRAVES

SMILEY BLANTON
O. S. HAUK

VISITING CLINICAL PSYCHOLOGIST

VIRGINIA KIRK

SURGERY

BARNEY BROOKS, *Surgeon-in-Chief*
RALPH M. LARSEN, *Chief of Clinic*

General Surgery

VISITING SURGEONS

ROLLIN A. DANIEL, JR.
BEVERLY DOUGLAS
WILLIAM F. MEACHAM

BARTON McSWAIN
COBB PILCHER
DAUGH W. SMITH

CHARLES C. TRABUE

ASSOCIATE VISITING SURGEONS

EDMUND W. BENZ
CLOYCE F. BRADLEY
BENJAMIN F. BYRD, JR.
ROBERT DOZIER, JR.

CARL N. GESSLER
J. ANDREW MAYER
LOUIS ROSENFELD
BERNARD M. WEINSTEIN

THOMAS BOWMAN ZERFOSS

Orthopedic Surgery

R. WALLACE BILLINGTON, *Chief Visiting Surgeon*
EUGENE M. REGEN, *Chief of Clinic*

ASSOCIATE VISITING SURGEONS

J. JEFFERSON ASHBY

GEORGE K. CARPENTER
S. BENJAMIN FOWLER

UROLOGICAL SURGERY

EDWARD HAMILTON BARKSDALE, *Chief of Clinic*

VISITING SURGEONS

HENRY L. DOUGLASS

BURNETT W. WRIGHT

ASSOCIATE VISITING SURGEONS

OSCAR W. CARTER

HORACE C. GAYDEN
MAX K. MOULDER

OphthalmologyHENRY CARROLL SMITH, *Chief of Clinic*

VISITING SURGEONS

FOWLER HOLLABAUGH

KATE SAVAGE ZERFOSS

ASSOCIATE VISITING SURGEONS

ALLEN LAWRENCE

N. B. MORRIS

OtolaryngologyMARVIN MCTYEIRE CULLOM, *Chief Consultant*GUY M. MANESS, *Chief of Clinic*

VISITING SURGEON

EUGENE ORR

ASSOCIATE VISITING SURGEONS

MORRIS ADAIR

LEE FARRAR CAYCE

HERBERT DUNCAN

ASSISTANT VISITING SURGEON

J. THOMAS BRYAN

Dental SurgeryROBERT B. BOGLE, *Chief of Clinic*

ASSOCIATE VISITING SURGEON

MAX V. SIGAL

ASSISTANT VISITING SURGEONS

JAMES BUCKLEY BAYLOR

E. THOMAS CARNEY

PEDIATRICSAMOS CHRISTIE, *Pediatrician-in-Chief*

VISITING PEDIATRICIANS

JOHN M. LEE

J. CYRIL PETERSON

JAMES C. OVERALL

WILLIAM O. VAUGHN

ASSOCIATE VISITING PEDIATRICIANS

HEARN G. BRADLEY

MARINE LEE

O. RANDOLPH BATSON

SOL L. LOWENSTEIN

T. FORT BRIDGES

DAN S. SANDERS, JR.

HARRY M. ESTES

JOE M. STRAYHORN

PHILIP C. ELLIOTT

ETHEL WALKER

THOMAS S. WEAVER

OBSTETRICS AND GYNECOLOGY

JOHN C. BURCH, *Acting Obstetrician and Gynecologist-in-Chief**LUCIUS EDWARD BURCH, *Senior Obstetrician and Gynecologist*

Obstetrics

D. SCOTT BAYER, *Chief of Obstetrical Clinic*

VISITING OBSTETRICIANS

*W. BUSH ANDERSON

MILTON S. LEWIS

SAM C. COWAN

G. SYDNEY MCCLELLAN

ASSOCIATE VISITING OBSTETRICIANS

JOS. D. ANDERSON

ROBERT C. PATTERSON, JR.

RICHARD O. CANNON, II

ARTHUR SUTHERLAND

JOHN SMITH CAYCE

WILLARD O. TIRRILL, JR.

SAM C. COWAN, JR.

ALLEN E. VAN NESS

RAPHAEL S. DUKE

PAUL WARNER

HAMILTON GAYDEN

CLAIBORNE WILLIAMS

EDWIN LEA WILLIAMS

ASSISTANT VISITING OBSTETRICIANS

HARRY T. MOORE

SIDNEY C. REICHMAN

WILLIAM D. SUMPTER, JR.

Gynecology

CLAIBORNE WILLIAMS, *Chief of Gynecological Clinic*

VISITING GYNECOLOGISTS

*MCPHEETERS GLASGOW

G. SYDNEY MCCLELLAN

ASSOCIATE VISITING GYNECOLOGISTS

JOS. D. ANDERSON

ROLAND LAMB

D. SCOTT BAYER

CARL S. McMURRAY

RICHARD O. CANNON, II

DOUGLAS SEWARD

SAM C. COWAN, JR.

WILLARD O. TIRRILL, JR.

RAPHAEL S. DUKE

ARTHUR SUTHERLAND

HAMILTON GAYDEN

HARLIN TUCKER

EDWIN LEA WILLIAMS

ASSISTANT VISITING GYNECOLOGISTS

THEO. W. DAVIS

HARRY T. MOORE

WILLIAM D. SUMPTER, JR.

*Emeritus.

SCHOOL OF MEDICINE

GENERAL INFORMATION

HISTORY

Vanderbilt University first granted the degree of Doctor of Medicine in 1875. In 1895 a complete reorganization of the Medical School was undertaken, and the University erected a building on the corner of Elm Street and Fifth Avenue, South, which was considered at that time an adequate and modern medical school plant. The grounds and facilities of the Medical School were greatly extended in 1911 by the purchase of the campus and buildings of the George Peabody College for Teachers, this purchase having been made possible through the generous contribution of Mr. W. K. Vanderbilt for this purpose.

In May, 1913, Mr. Andrew Carnegie contributed \$200,000 to the University to be used for the erection and equipment of a building for the laboratories of the medical school, and later gave \$800,000 as endowment of the school. The funds for the laboratory building were not used for building purposes at the time of the gift, but have been expended in erecting the part of the new Medical School plant which is designated as the Carnegie Building.

In 1915 Mr. William Litterer, capitalist of Nashville, donated to the University the former medical building of the University of Nashville. This building contained a large assembly hall, class rooms and laboratories of bacteriology and anatomy, and added much to the facilities of the school. This gift is commemorated in the new buildings by a tablet which designates the space devoted to bacteriology as The Litterer Laboratory.

In view of the past record of the school and in view of the favorable location of Nashville as an educational and medical center, Vanderbilt University was selected by the General Education Board of New York as offering an excellent opportunity for the development of medical education, especially in the Southern States. Accordingly in 1919 this Board appropriated the sum of \$4,000,000 to enable the University to effect a complete reorganization of its School of Medicine in accordance with the most exacting demands of modern medical education. The medical faculty entered into this project with a spirit of eager co-operation.

At this time the directors of the Galloway Memorial Hospital deeded to the University its unfinished hospital building located ad-

jaacent to the School of Medicine, which represented an expenditure of about \$250,000. Plans were then drawn for completing this hospital building and for making it part of a larger plant for the School of Medicine.

In June, 1921, after careful study, the program for the new medical plant was modified by the action of the Board of Trust, as it became evident that much was to be gained by uniting the School of Medicine with the rest of the University. It was decided, therefore, to construct an entirely new plant on the main campus of the University, and to abandon the developments on the South Campus. This proposition had been considered many times in past years, but had always been abandoned because of lack of means. At this time, however, the advisibility of the move was generally recognized, and it became possible by the active co-operation of the Carnegie Corporation and the General Education Board. By the action of this latter body the University authorities were permitted to use what was needed of the initial appropriation of \$4,000,000 for the erection of a medical school and hospital on the West Campus. The General Education Board and the Carnegie Corporation then united, each giving half of \$3,000,000 to provide additional endowment for the School of Medicine for its operation in the new plant.

The new plant, consisting of a hospital, laboratories for all departments, a school of nursing and power plant, was erected and equipped at a cost of approximately \$3,500,000. The new plant was put into operation in September, 1925. There remains of the original Carnegie gifts and the appropriations by the General Education Board and the Carnegie Corporation a sum of \$5,000,000 for endowment of the School of Medicine and of the Vanderbilt University Hospital. During the period of reorganization of the school, other needs not fully provided for became apparent which were met by further appropriations running over a period of years by the General Education Board and the Carnegie Corporation.

When the new plant was nearing completion an appropriation of \$100,000 was made to the University by the Rockefeller Foundation, to be used over a period of five years for the purpose of furthering the development of nursing education. This sum places the Vanderbilt University School of Nursing on a sound educational basis, comparable to that of the School of Medicine, with which it is closely co-ordinated.

In the spring of 1929, the General Education Board made a donation of \$2,000,000 for additional endowment of the School of Medicine, thus replacing with permanent endowment a series of annual grants to the individual departments of the institution. This was in-

increased on July 1, 1929, by further donations of \$1,500,000 for endowment of the School of Medicine, and of \$4,000,000 for endowment of the Vanderbilt University Hospital. The result of these additional appropriations is a permanent endowment brought about through the capitalization of a series of annual income grants. On July 1, 1935, the secretary of the General Education Board notified university authorities that an additional grant of \$2,500,000 had been made for the Vanderbilt University Hospital and Medical School, \$1,000,000 of which was used in the construction of an addition to the Hospital and School of Medicine building and \$1,500,000 for additional endowment.

BUILDINGS

The building of the School of Medicine is located in the southeast corner of the University Campus. It is constructed in the collegiate Gothic Style, the structure being of concrete with brick and limestone walls. The total length of the building from north to south is 458 feet and from east to west 505 feet. The floor area is approximately 350,000 square feet. The building is in reality a series of buildings brought together so that they are all under one roof. The laboratories of the various departments of the School of Medicine are grouped about two courts, which are open on the north side, toward the main part of the campus. The entrance to the Medical School is in the center of the east court. The building on the east side of this court is designated as the Carnegie Building, and contains the laboratories of biochemistry, pharmacology and physiology, one floor being devoted to each of these subjects. The building on the west side of the court contains the laboratories of gross and microscopic anatomy, of pathology, and of bacteriology. In the building forming the south side of the court are the administrative offices of the school, large student laboratories, the Department of Surgery, the laboratory of surgical pathology and the surgical operating rooms of the hospital.

Around the west court are other laboratories of the Medical School. In the building forming the south side of this court are the offices and laboratories of the Department of Obstetrics and Gynecology, and the Department of Pediatrics; on the fourth floor are the delivery rooms of the hospital. The building on the west side of this court is occupied by the Department of Preventive Medicine and Public Health, and one unit of the hospital used as an isolation section of the Obstetrical ward.

Around two other open courts, similar in size and proportions to the medical school courts, but opening toward the south, are the

hospital wards and an extensive outpatient department. The building on the west side of the first court, containing the surgical portion of the hospital, is designated as the Galloway Building, and commemorates the donations made to the Galloway Memorial Hospital which have contributed toward the erection of the new medical plant.

The building forming the north side of the second court is occupied by the Outpatient Service for Obstetrics and Gynecology; the X-Ray Department and a large open porch. The building on the west side of this court contains the entrance to the private pavilions, an isolation unit for Pediatrics and a unit for semi-private Obstetrics.

The large central unit which forms the west front of the building, is seven stories in height and contains the teaching beds for Pediatrics, Obstetrics and Gynecology, one private pavilion for Obstetrics and two private pavilions for general services. On the seventh floor are house staff apartments.

The two wings connecting the buildings of the north and the south courts contain laboratories, lecture rooms and the library, and form the connecting links between the hospital and the medical school. Laboratories in these buildings are arranged especially for the use of the clinical departments of the school. Another building extending toward the east from the main structure and facing on the Hillsboro Road, built about a closed court, contains the entrance to the hospital and its administrative offices, the living quarters of a portion of the resident staff, the kitchens, and on the top floor two wards for private patients. The hospital contains 372 beds, which includes bassinets.

The entire plant is so arranged that there is free communication between the various departments of the school and the hospital, and the library, with its spacious reading room, is in the center of the building. The medical school is arranged to accommodate two hundred students.

The building for the school of nursing is in conformity with the building of the medical school. It is directly north of the medical school building, facing Hillsboro Road.

The power house is located on the west side of the campus, facing Twenty-fourth Avenue. It serves the medical school and the hospital with steam and electricity, being connected with them by a large tunnel. It also supplies the other University buildings with like services. In addition to the boiler plant and electrical equipment, the power house contains the hospital laundry.

FACILITIES OF INSTRUCTION

The buildings of the School of Medicine contain all the necessary departments, facilities and equipment for conducting a modern hospital and for the teaching of all subjects contained in the medical curriculum. The laboratory and clinical facilities are closely coordinated, with the purpose that there shall be a ready flow of ideas between the laboratories of the medical sciences and the wards and outpatient service. Teaching laboratories, especially designed for their respective uses, are provided for gross and microscopic anatomy, biochemistry, physiology, bacteriology, pathology, pharmacology, preventive medicine, and for the clinical departments.

There are also a number of lecture rooms equipped with projection apparatus and other modern accessories for teaching, as well as an amphitheatre for clinical demonstrations which can accommodate practically the entire student body. Besides meeting the needs fully for the usual type of medical instruction, each department is provided with accommodations for a large number of advanced students and research workers.

The hospital consists of twelve units of from 18 to 30 beds. These units are designed for the following uses: one unit for male medical cases, one for female medical cases; one for male surgical cases, one for female surgical cases; one unit for gynecology; one unit for obstetrics, with subsidiary unit for obstetrical isolation; one unit for pediatrics, with subsidiary unit for isolation; one unit for private obstetrics, three units for private general cases, and one divided unit for male and female colored patients. The entire hospital is operated by members of the teaching staff of the School of Medicine.

Adjoining the wards of the hospital there are laboratories equipped for the more generally used diagnostic laboratory procedures in which students perform the various tests and examinations which the cases assigned to them may require. Each ward laboratory is provided with lockers for the microscopes and other instruments the students are required to own.

The outpatient service occupies the entire first floor of the southern portion of the building. It is especially designed for teaching and contains a series of examining, treatment and teaching rooms for general medicine and surgery, pediatrics, neurology, dermatology, dentistry, orthopedic surgery, ophthalmology, otolaryngology, obstetrics, gynecology, and urology. A waiting room adjoins each department, and several small clinical laboratories are placed in convenient locations.

The department of radiology, equipped for fluoroscopic examinations, the making of radiograms, X-ray treatment, and for demonstra-

tion and study of radiograms is conveniently located with respect to the Outpatient Service and hospital beds.

The surgical operating rooms are placed over the central portion of the medical school court, facing north. There are five large operating rooms, and three delivery rooms with the necessary complement of preparation and labor rooms. These facilities are located on the same floor and in immediate proximity to the main Obstetrical ward. A room for students is provided on the operating rooms floor.

Besides the clinical facilities offered by the wards and outpatient service of the University Hospital, the School of Medicine has been granted the privilege of recommending the staff of the Nashville General Hospital during eight months of the year and uses its three hundred and fifty ward beds for clinical instruction. Teaching privileges have also been accorded to the school by the Central State Hospital for the Insane.

REQUIREMENTS FOR ADMISSION

The School of Medicine selects its students from those who fulfill one of the following conditions:

1. Graduates of a college or university of recognized standing.
2. Seniors in absentia of a college or university of recognized standing who will be granted the Bachelor's degree by their colleges after having completed successfully one year of the work in the School of Medicine. A properly accredited statement to this effect from the colleges shall accompany all applications for admission as seniors in absentia. A form is furnished for this purpose.
3. Students of foreign universities of recognized standing who have completed at least the equivalent of three years of collegiate education may be admitted to the School of Medicine at the discretion of the Committee on Admissions.

As admission to the School of Medicine is competitive, students will be selected on the basis of the quality of their college work and the general fitness of the applicant for the study of medicine.

Every candidate must present evidence of having satisfactorily completed during his college course the following minimum requirements, in which a semester hour is the credit value of sixteen weeks' work consisting of one hour of lecture or recitation or at least two hours of laboratory work:

1. *Biology*.—One full course of eight semester hours, of which four must consist of laboratory work. The course may be general biology,

zoology, or zoology and botany, but not more than half may be botany.

2. *Chemistry*.—A minimum total of twelve semester hours are required. Eight of these must be in general inorganic chemistry and must include four semester hours of laboratory work. There must also be presented four semester hours credit for organic chemistry covering both aliphatic and aromatic compounds and including two hours of laboratory work.

3. *Physics*.—Eight semester hours are required, of which at least two shall be laboratory work. It is desirable that emphasis be placed on quantitative laboratory work.

4. *English and Composition*.—Six semester hours.

No credit can be given in medical school for courses taken in academic school even though they duplicate the content of courses in the medical school curriculum. Because of this fact, students are urged not to take such courses but to devote their time to work which will strengthen their foundation in basic science and mathematics and their cultural background.

The number of students admitted to the first year class of the School of Medicine is limited to fifty.

Women are admitted on equal terms with men.

Each applicant is required to furnish the names of three persons as references, two of them preferably from among his science teachers, when filing his application. A small unmounted photograph is also required at this time, and the Medical Scholastic Aptitude Test of the Association of American Medical Colleges should be taken during the year previous to application for admission to the School of Medicine.

PROFESSIONAL APTITUDE TEST

This test is given under the auspices of the Association of American Colleges. It is given annually at most universities and colleges and information concerning it is posted before the date of examination. Since the examination score is used by Medical Schools in the selection of applicants, students should take the test in the fall before the year in which they wish to enter medical school.

GRADUATE RECORD EXAMINATIONS

It is recommended that students applying for admission take the Graduate Record Examinations at the latest date possible to allow inclusion and consideration of the results with their application for admission to Medical School.

The scholastic record, together with the recommendations and the score made on these examinations, will be used by the Committee on Admissions in considering applications for admission to the School of Medicine.

Applications for admission may be filed any time after the beginning of the applicant's last year of premedical work. The Committee on Admissions usually begins its meetings to consider applications for the succeeding session about nine months previous to the date of entrance. The applications are passed upon by the Committee on Admissions, and a final decision of acceptance or rejection may be reached at any time. Successful applicants are required to make a deposit of \$50 within a specified time after notification of their acceptance. This deposit is credited toward the payment of the first tuition, and in the event the student does not matriculate, it is not returnable. Failure to make this deposit within the specified time may cause the applicant to forfeit his place in the school.

Application forms may be obtained by applying to the Registrar, School of Medicine, Vanderbilt University, Nashville 4, Tennessee. A check or P. O. money order for \$2.50, payable to the School of Medicine, Vanderbilt University, must accompany each application when it is submitted. This is not refundable.

REGISTRATION

All students are required to register and to pay the fees for the first trimester at the opening of the session and the remainder in equal installments at the beginning of the second and third trimesters.

Any student who has failed to pay tuition and other fees ten days after they are due will be excluded from classes.

All students who fail to register on the days designated will be charged a fee of \$3 for late registration.

THE MEDICAL-SCIENTIFIC COURSES OF THE COLLEGE OF ARTS AND SCIENCE

In order to meet fully the requirements for entrance to Medicine, but at the same time to retain the cultural value of academic work and yet effect a saving of a year, the College offers the Medical-Scientific Course covering three years. Students who have satisfactorily completed the above course and whose applications for admission to the School of Medicine have been officially accepted will upon the completion of the first-year course in medicine, be given twelve hours' credit toward the Bachelor's degree.

Students desiring information in regard to this course should write to Dean Philip Davidson of the College of Arts and Science, Vanderbilt University.

ADMISSION TO ADVANCED STANDING

Students may be admitted to advanced standing when vacancies occur under the following conditions. Applications for advanced standing should be filed according to the procedure described for admission to the first year class, acceptable applicants being required to make the same deposit of \$50. Applicants must furnish acceptable evidence of having completed the conditions of admission and of having satisfactorily completed in an accredited medical school all the work required of students of the class they desire to enter. They must also present a certificate of honorable dismissal from the medical school or schools they have attended.

EXAMINATIONS AND PROMOTIONS

Successful completion of the various courses of the medical curriculum and the scholastic standing are determined by the character of the students' daily work and the results of examinations. Examinations may be written, oral or practical and they may be held either at the completion of each course or at the end of the academic year. The quality of the work of each student is considered, usually at the end of each trimester, by a committee composed of the instructors responsible for his more important courses.

Students who fail in two major courses at any time during their medical course year or fail a re-examination in a major course may be required to withdraw from the school. Students who have had no reported failures may be required to withdraw from the school if their work has been of a generally unsatisfactory quality. Students may be given credit for a subject by re-examination, but failures remain on their records, and may be counted as a cause for requesting withdrawal, provided another failure in a major course occurs.

Major Courses are as follows:

First Year.—Gross Anatomy, Histology, Biochemistry, and Physiology.

Second Year.—Bacteriology, Pathology, Pharmacology, Physical Diagnosis, Clinical Pathology, and Parasitic Diseases.

Third Year.—Medicine, Surgery, Surgical Pathology and Obstetrics.

Fourth Year.—Medicine, Surgery, Preventive Medicine and Public Health, Pediatrics and Gynecology.

No grades regarding their relative scholastic standing are given to students. Students will be notified whenever the Committee on

Promotion considers their work of poor quality, thus serving notice of the necessity for greater effort in order to carry the work of the school.

Any student who indicates by his work or his conduct that he is unfit for the practice of medicine may at the discretion of the Executive Faculty be requested to withdraw from the school at any time.

Any student who fails to pass a course will ordinarily be required to remove the failure before being permitted to enter the courses of the next academic year.

BASIC SCIENCE EXAMINATIONS

About twenty states now require examinations on the basic science subjects, (anatomy, bacteriology, chemistry, pathology and physiology as a preliminary to medical licensing examinations. Since the various states are not uniform in their requirements, a considerable impediment to movement of physicians from state to state by reciprocity is created. Each student is urged to take the basic science examinations as soon as he is qualified to do so unless he is sure that he will confine his practice to a state not requiring such examinations.

ELECTIVE WORK

Students are required to obtain credit for six units of elective or special work during their course. One unit is equivalent to two hours a week for one trimester. Elective units may be obtained as credit for elective courses or for a thesis prepared under the direction of and acceptable to the head of a department. Students entering elective courses are required to complete them in order to obtain elective units.

Elective units may also be obtained for special work done in or accepted by any department, when such work is considered by a committee of the faculty to be of superior quality.

Students are advised to consult the head of the department in which they may care to take special or elective work. This work need not be in a department in which required courses are being carried.

A notice in writing must be given to the Registrar at the time elective or special work in any department is begun. Students failing to give such notice may not receive credits for the elective work taken.

REQUIREMENTS FOR GRADUATION

The candidates for the degree of Doctor of Medicine must have attained the age of twenty-one years and be of good moral character. They must have spent at least four years of study as matriculated medical students, the last two of which must have been in this school. They must have satisfactorily completed all the required courses of the medical curriculum, have passed all prescribed examinations, and be free of indebtedness to the University. At the end of the fourth year every student who has fulfilled these requirements will be recommended for the degree of Doctor of Medicine.

FEES AND EXPENSES

Application Fee (To accompany Application Form).....\$ 2.50

Tuition Fee for the Academic Year (three terms)..... 600.00

This fee is payable in equal installments, at the beginning of each term.

An arrearage in tuition for any session must be paid before admission to the succeeding session.

Contingent Fee..... 10.00

This fee covers breakage of apparatus and damage to buildings, and will be retuned, less the charges, at the close of each academic year.

Diploma Fee, charged to Graduating Students, payable during the third trimester..... 5.00

A fee for the support of the Student Union is charged to each student of the University..... 5.00

First-year medical students, who are also senior in absentia students at Vanderbilt University, are required by the College of Arts and Science of Vanderbilt to pay a \$30 senior in absentia fee.

Graduating students are required to pay a rental charge of \$2.00 for academic hoods at commencement.

Students who register for the regular courses in this medical school must pay the full tuition each year. There will be no exception to this requirement.

Graduate students who enroll in regular courses in the medical curriculum for credit toward an academic degree will, if they later become candidates for the Doctor of Medicine degree, be required to pay the full tuition as indicated above.

MICROSCOPES, BOOKS, APPARATUS, ETC.

Each student is required to possess a standard, four objective microscope, equipped with a substage light. In order to aid the first-year students in purchasing a microscope, the School of Medicine will advance three-quarters of the purchase price, to be repaid in three equal installments, payable during their second, third and fourth years.

The necessary or desirable books cost about \$50 a year. All purchases made at the Medical Book Store are on a cash basis.

All students are required to provide themselves with hemocytometers and hemoglobinometers before beginning of the second trimester of the second year.

Students are required also to provide laboratory coats, and while working in the hospital wards and outpatient service they shall wear clean white coats.

No rebate of tuition fees can be obtained for absence, except in cases of illness certified by a physician.

Students who withdraw from the University for any reason or who are dismissed or requested to withdraw by the faculty after the beginning of a term, may not claim and are not entitled to any return or re-payment of tuition, fees, room rent or any other regular charges or assessments, and the University will not be liable for the return or refund of same, except that a student leaving the University to enter the military forces of the United States will be entitled to a refund of the tuition paid by him for the term in which he leaves and will be released from liability for tuition for the remainder of the academic year.

ROOM AND BOARD

DORMITORIES

Room reservations are made by the Office of the Business Manager of Vanderbilt University.

Wesley Hall.—Single and double rooms in Wesley Hall, one block from the School of Medicine, normally may be rented by graduate students and students in the professional schools. Single rooms are available at \$135 and \$120 for the college year, and double rooms at \$112.50 per person for the college year. (These figures do not include the ten dollar refundable deposit required of each individual to cover breakage in the dormitory.) Rent is payable at the beginning of each term. Residents of this building are furnished heat, lights, bath and janitor service. Students furnish their own blankets,

sheets, pillow cases and towels. Not more than one student may occupy a single room and not more than two students may occupy a double room.

Graduate Residence—Double rooms in the residence houses at 309 24th Ave., So. and 2317 West End Ave., are available to graduate students and students in the School of Medicine. Accommodations are the same as for Wesley Hall, described in the paragraph above. The rates are \$45.00 per term.

MEDICAL FRATERNITIES

There are two medical fraternities with chapters at Vanderbilt, Alpha Kappa Kappa and Phi Chi. A large number of the men enjoy the advantages of living together in these fraternity houses. They meet the same standards of inspection that are required of the University's housing arrangements. Room and board in these houses is around \$40 per month.

PRIVATE HOMES

There are a number of private homes near the school where students may board. Prices in these are approximately the same as in the fraternity houses, \$40 per month.

The average annual expenses of a student in the School of Medicine, exclusive of clothes and incidentals, are estimated from the foregoing items as amounting to approximately \$1,000 to \$1,200.

HONORS AND ORGANIZATIONS

Founder's Medal—This medal is awarded to the student in the graduating class of each School of the University who has attained the highest average standing in scholarship throughout the four consecutive years of study.

The Beauchamp Scholarship—This scholarship, founded by Mrs. John A. Beauchamp in memory of her husband, who was for many years Superintendent of the Central State Hospital for the Insane, at Nashville, is awarded to the student showing greatest progress in the department of neurology and psychiatry and who is otherwise worthy and deserving.

The Ike J. Kuhn Scholarship, provided by a bequest from the will of Mr. Ike J. Kuhn, is awarded in the School of Medicine to a worthy boy or girl born and reared in any of the states commonly known as the "Southern States." The recipient is selected by the Dean of the School of Medicine and the Registrar of Vanderbilt University.

ALBERT AND MARY LASKER AWARD

Mrs. Albert D. Lasker of the Albert and Mary Lasker Foundation has agreed to offer a prize of \$250.00 for the best clinical history taken by an undergraduate student in Medicine during the year 1948-49. It has been agreed that these histories will be restricted to internal medicine and psychiatry and that the award will be announced by the Chancellor at the commencement exercises.

THE LESLIE WARNER MEMORIAL FUND FOR THE STUDY AND TREATMENT OF CANCER

This fund was established in 1932 in memory of Leslie Warner, of Nashville, Tennessee. It consists of \$7,200, of which \$3,600 was contributed by the nieces and nephews of Mrs. Leslie Warner.

THE RACHAEL CARPENTER MEMORIAL FUND

This fund was established in 1933 by a gift of \$5,000 from Mrs. Mary Boyd Carpenter of Nashville. The income derived from this fund is to be used for education in the field of tuberculosis.

THE JACK FIES MEMORIAL FUND

The sum of \$5,000 was given to Vanderbilt University by Mrs. Hazel H. Hirsch as a memorial to her son, Jack Fies, the income from which is to be used to support research in the important field of neurological surgery. It is hoped that subsequent donations may be made by those who may be interested in creating a larger fund for this phase of research.

THE JOHN B. HOWE FUNDS FOR RESEARCH

In January, 1946, the members of the family of the late John B. Howe established two funds in the University to be known as the John B. Howe Fund for Research in Neurosurgery and the John B. Howe Fund for Research in Medicine. The expenditures from the funds for neurosurgery and medicine are administered through the Department of Surgery and the Department of Medicine and are made with the approval of Dr. Cobb Pilcher and Dr. F. T. Billings, Jr., respectively.

THE BORDEN UNDERGRADUATE RESEARCH AWARD IN MEDICINE

Established in 1945 by the Borden Company Foundation, Inc., this award provides annually \$500 for each of five calendar years to the person in the graduating class of the School of Medicine who during any year while enrolled in the School has carried out the most meritorious undergraduate research in the medical field. All persons in the graduating class are eligible. The award shall be presented at the time of graduation of the recipient. Originality and

thoroughness of research shall be of primary consideration. Candidates for the award should apply for consideration to the Dean of the School of Medicine.

ABBOTT LABORATORIES FELLOWSHIPS

In 1945 a grant of \$5,000 was made by Abbott Laboratories to provide a fellowship of \$1,000 per year for research in the field of viruses. Funds are available for one fellowship each year for a total of five years. Applicants should be well-qualified graduate students and should apply to the Dean of the Vanderbilt Medical School.

WILLIAM HENRY HOWE FELLOWSHIP IN NEUROSURGERY

In December, 1945, the William Henry Howe Fellowship in Neurosurgery was established in the School of Medicine of Vanderbilt University. The first recipient of this Fellowship was Dr. William F. Meachem. This Fellowship was made available to the University by Dr. Cobb Pilcher.

ALPHA OMEGA ALPHA

A chapter of this Medical Honor Society was established by charter in the School of Medicine in 1923. Not more than one-fifth of the students of the senior class are eligible for membership and only one half of the number of eligible students may be selected to membership during the last half of their third year. This society has for its purpose the development of high standards of personal conduct and scholarship, and the encouragement of the spirit of medical research. Students are elected into membership on the basis of their scholarship, character and originality.

The Society invites a scientist of prominence each year to deliver a lecture before the students, faculty, and local members of the medical profession. The first lecture was given during the school year 1926-1927 and the lectures for each year are as follows:

1926-1927 Dr. W. A. Evans, Professor of Sanitary Science, Northwestern University School of Medicine

1927-1928 No lecturer

1928-1929 Dr. William W. Root, Founder and Secretary of Alpha Omega Alpha

1929-1930 Dr. Joseph C. Bloodgood, Associate Professor of Surgery, Johns Hopkins University School of Medicine

1930-1931 Dr. George R. Minot, Professor of Medicine, Harvard University School of Medicine

1931-1932 No lecturer

- 1932-1933 Dr. W. B. Cannon, Professor of Physiology, Harvard University School of Medicine
- 1933-1934 Dr. Sam Harvey, Professor of Surgery, Yale University School of Medicine
- 1934-1935 Dr. Louis Hammon, Associate Professor of Medicine, Johns Hopkins University School of Medicine
- 1935-1936 Dr. David Barr, Professor of Medicine, Washington University School of Medicine
- 1936-1937 Dr. Walter C. Alvarez, Professor of Medicine, The May Foundation, University of Minnesota
- 1937-1938 Dr. Edwards A. Park, Professor of Pediatrics, Johns Hopkins University School of Medicine
- 1938-1939 Dr. W. H. Howell, Director Emeritus, John Hopkins University School of Hygiene
- 1939-1940 Dr. E. K. Marshall, Jr., Professor of Pharmacology and Experimental Therapeutics, Johns Hopkins University School of Medicine
- 1940-1941 Dr. Henrik Dam, Biological Institute, University of Copenhagen, Denmark
- 1941-1942 Dr. Fuller Albright, Associate Professor of Medicine, Harvard University School of Medicine
- 1942-1943 Dr. J. H. Means, Jackson Professor of Clinical Medicine, Harvard University School of Medicine
- 1943-1944 There were two lectures during this period: Dr. Warren H. Cole, Professor of Surgery, University of Illinois College of Medicine, and Dr. Walter C. Alvarez, Professor of Medicine, University of Minnesota, and head of Division of Medicine, Mayo Clinic
- 1944-1945 Dr. William Dock, Professor of Medicine, Long Island Medical College, Brooklyn, New York
- 1945-1946 Dr. Daniel C. Elkin, Professor of Surgery, Emory University School of Medicine
- 1946-1947 Dr. Leslie B. Arey, Rea Professor of Anatomy, Northwestern University Medical School
- 1947-1948 Dr. C. Sidney Burwell, Research Professor of Clinical Medicine and Dean of Harvard Medical School

THE ABRAHAM FLEXNER LECTURESHIP

Announcement was made in the fall of 1927 that Mr. Bernard Flexner of New York City had given fifty thousand dollars to Vanderbilt University for the purpose of establishing the Abraham Flex-

ner Lectureship in the School of Medicine. This Lectureship is awarded every two years to a scientist of outstanding attainments, who shall spend as much as two months in residence in association either with a department of a fundamental science or of a clinical branch. This Lectureship may also be given to one who has specialized in some science fundamental in the study of medicine.

The first series of lectures was given in the autumn of 1928, by Dr. Heinrich Poll, Director of the Institute of Anatomy of the University of Hamburg, Germany.

The second series of lectures was given in the spring of 1931, by Sir William B. Hardy, Director of the Low Temperature Research Station at Cambridge University, England.

The third series of lectures was given in the winter of 1933 by Dr. Francis R. Fraser, Director of the Medical Unit and Professor of Medicine at the St. Bartholomew Hospital and Medical School, London, England.

The fourth series of lectures was given in the spring of 1935 by Dr. Erik Gunnar Nystrom, Professor of Surgery at the University of Uppsala, Sweden.

The fifth series of lectures was given in the spring of 1937 by Dr. Thorvald Madsen, Director of the State Serum Institute of Denmark.

The sixth series of lectures was given in the spring of 1939 by Dr. Albert Szent-Gyorgyi, Professor of Medical Chemistry and Director of the Institute for Medical Chemistry in the Royal Hungarian Franz Joseph's University, Szeged, Hungary.

The Abraham Flexner Lectures were not given during the session 1940-1941 because of war conditions.

The seventh series of lectures was given in the spring of 1942 by Dr. Donald D. Van Sloke, member of the Rockefeller Institute and Dr. Warfield T. Longcope, Professor of Medicine, Johns Hopkins School of Medicine.

The eighth series of lectures was given in the spring of 1945. These lectures in physiology were given as follows:

April 6, 1945 by Dr. H. J. Curtis, Assistant Professor of Physiology, Columbia University.

April 16, 1945 by Dr. Oliver H. Lowery of the William Hallock Laboratory, New York.

April 20, 1945 by Dr. Robert F. Pitts, Associate Professor of Physiology, Cornell University Medical College.

April 30, 1945 by Dr. H. A. Blair, Associate Professor of Physiology, University of Rochester School of Medicine and Dentistry.

The ninth series of lectures was given in the spring of 1947 by Sir Edward Mellanby, Secretary of the British Research Council and Chairman, International Technical Commission on Nutrition.

THE PHI BETA PI LECTURE

The Phi Beta Pi Lecture was established by the Nashville Chapter of the Phi Beta Pi Medical Fraternity. Each year beginning in 1929-1930 a lecturer of prominence has been selected and the lecture is open to the medical students, faculty, and local members of the medical profession. The lecturers have been as follows:

- 1929-1930 Dr. A. J. Carlson, Professor of Physiology, University of Chicago
- 1930-1931 Dr. C. R. Stockard, Professor of Anatomy, Cornell University School of Medicine
- 1931-1932 Dr. T. S. Cullen, Professor of Gynecology, Johns Hopkins University School of Medicine
- 1932-1933 No lecturer
- 1933-1934 Dr. A. R. Dochez, Professor of Medicine, Columbia Medical School
- 1934-1935 Dr. Chauncey D. Leake, Professor of Pharmacology, University of California School of Medicine
- 1935-1936 Dr. Richard E. Scammon, Distinguished Service Professor of Anatomy, University of Minnesota School of Medicine
- 1936-1937 Dr. John Robert Caulk, Professor of Clinical Genitourology, Washington University School of Medicine
- 1937-1938 Dr. John Beattie, Research Director, Royal College of Surgery, London, England
- 1938-1939 Dr. B. D. Phemister, Professor of Surgery, University of Chicago
- 1939-1940 Dr. Edward D. Churchill, Professor of Surgery, Harvard University School of Medicine
- 1940-1941 Dr. J. F. Fulton, Professor of Physiology, Yale University School of Medicine
- 1941-1942 Dr. Eugene L. Opie, Professor Emeritus of Pathology, Cornell University School of Medicine

THE HAGGARD MEMORIAL LECTURE

The Haggard Memorial Lecture was established in 1940 by the Nashville chapter of the Alpha Kappa Kappa medical fraternity in honor of Dr. William D. Haggard who was a distinguished mem-

ber of the fraternity. This lecture is given under the auspices of the faculty of the School of Medicine. Each year a lecturer of prominence is selected, and the lecture is open to the medical students, faculty, and local members of the medical profession. The lecturers have been:

- 1940-1941 Dr. Mont R. Reid, Professor of Surgery, University of Cincinnati
- 1941-1942 Dr. Alton Ochsner, Professor of Surgery, Tulane University School of Medicine
- 1942-1943 Dr. Ernest Sachs, Professor of Clinical Neurological Surgery, Washington University School of Medicine
- 1943-1944 Dr. Tinsley R. Harrison, Professor of Medicine, Bowman Gray College School of Medicine, Wake Forest College
Dr. Alfred Blalock, Professor of Surgery, Johns Hopkins University
- 1944-1945 Dr. Rustin McIntosh, Professor of Pediatrics, Columbia University College of Physicians and Surgeons
- 1945-1946 Dr. William J. Dieckmann, Professor of Obstetrics and Gynecology, University of Chicago
- 1946-1947 Dr. Cecil Watson, Professor of Medicine, University of Minnesota
- 1947-1948 No lecturer

GLENN A. MILLIKAN MEMORIAL LECTURE

This lecture is augmented by the class taught by Dr. Millikan and established as a memorial to him. The lecture was given in 1948 by Dr. Homer W. Smith, Professor of Physiology and Director of the Physiological Laboratory of New York University, on Renal Physiology.

THE VANDERBILT MEDICAL SOCIETY

The medical society holds regular monthly meetings throughout the academic year, on the first Friday of each month at 8 P.M. in the medical school. At these meetings papers are presented by the teaching staff of the school, representing the research that is being carried on in the various departments. Patients presenting interesting and unusual conditions are also demonstrated. These meetings are open to students of the school and to the medical profession of the community.

The officers of the Vanderbilt Medical Society for 1948-1949 are Dr. Howard J. Curtis, President, and Dr. Barton McSwain, Secretary.

MEDICAL LIBRARY

EILEEN R. CUNNINGHAM, *Librarian*
ELEANOR G. STEINKE, *Assistant Librarian*
MARIE HARVIN, *First Assistant*
BETTY ANN WITHROW, *Intern*
BERNICE B. SALLY, *Secretary*

The Library of the Vanderbilt School of Medicine was founded in 1906 and was located in the Medical School Building on the South Campus. A year later the Nashville Academy of Medicine made a gift to the Vanderbilt Medical School of the private library of Dr. Richard Douglas, consisting of 2,500 volumes. This nucleus was augmented from time to time by generous gifts from various local physicians.

In 1924-25 the Library was moved to its present location in the hospital building and it has been the recipient of various grants from the Rockefeller Foundation which made rapid development possible. The collection now contains most of the material needed for research in any of the Medical Sciences. It contains complete files of the majority of the important journals, both in English and foreign languages and new titles are being constantly added. Numerous well selected monographs and basic text-books are available as well as many important reference works and bibliographic indexes.

The Library contained on May 1, 1948, 51,387 volumes and received 973 current periodicals and serial publications including all of the annual and statistical reports put out by the various state departments of health as well as all of the federal documents relating to health.

A collection of books and journals illustrating the history and development of the literature of medicine, especially that of the United States, is being built up. This collection is being constantly increased, and contains, in addition to books, objects illustrating the history of medicine. The funds for acquiring this collection have come largely through the generous gifts of persons interested in the Library. Donations of letters, photographs, books and money are invaluable for the purpose of extending this collection.

Important reference tools and journals in the pure sciences are available on the campus in close proximity to the Medical School through the facilities of the Joint University Libraries, which contain a total of 515,853 volumes.

Well trained librarians are on hand to render aid in the reading room and a feature of the service is the instruction in the use of the

Library given medical students of the first-year class. Early in the first trimester these students are given a brief orientation period on the arrangement and use of the Library. Later in the year they are given round-table instruction, in small groups, on the use of the material available, both English and foreign. They are shown how to consult reference works and indexes, how to prepare bibliographies and how to write scientific papers. This course is timed to coincide with the preparation of papers which are based on periodical literature and which the students must prepare in connection with their work in certain major subjects. Assignments are given during this Library training which require practical use of the materials available.

The library has facilities for the use of microfilm and maintains an Inter-Library loan service both with local and out of town libraries.

The reading-room is open during the Academic year from 8:15 A.M. to 6:00 P.M. and 7:00 to 10:00 P.M. Monday through Friday; from 8:15 A.M. to 4:30 P.M. on Saturday, and 2:00 to 5:00 P.M. on Sunday.

ALUMNI MEMORIAL HALL

The Alumni Memorial Hall was erected during 1924 and 1925 through contributions by the alumni and their friends as a monument to the Vanderbilt men who fell in the World War. It is a handsome building in the collegiate Gothic Style designed chiefly as a center of the social life of the University. It contains a memorial hall, lounging, reading and recreation rooms, a small auditorium and offices for various student activities. The offices of the Alumni Association are in this building. There is also a club room for the members of the faculty.

THE STUDENT COUNCIL

The Student Council consists of representatives of the College of Arts and Science, and the Schools of Engineering, Law, Medicine and Religion. The Council represents the whole body of students on the Campus, calls and conducts general meetings and elections, takes part in the management of student publications, receives communications from the Chancellor and faculties, and, in general, leads and directs student activities.

HONOR SYSTEM

All examination work in this University is conducted under the Honor System.

For the successful operation of the Honor System the co-operation of every student is essential. It is the duty of each student to show

his appreciation of the trust reposed in him under this system, not alone by his own conduct, but by insisting on the absolute honesty of others in his class. For the purpose of investigating cases of violation of this system, there exists a Student Honor Committee,

STUDENT HEALTH SERVICE

All members of the first-year class and all students transferring from other institutions, are required to undergo a thorough physical examination within two weeks after the date of admission. Records of these examinations are kept, and students are advised concerning their physical condition and general health.

A member of the medical staff is appointed physician to the students. He has a regular daily office hour in the hospital, and should be consulted by any student who feels in any way indisposed. Students are referred by him to various members of the hospital staff whenever there are indications for such consultations, and all applications for medical care must be made first to the physician to students. There are no fees for this service. Students are admitted to the wards of the hospitals when necessary at one-half the regular rate, and they usually occupy beds in small separate wards. No reduction is made for students occupying rooms in the private pavilions.

Thomas B. Zerfoss, M.D., is physician to the medical students.

The facilities of the gymnasium in Wesley Hall, which include swimming, handball, basketball, tennis, physical exercises, etc., are available to medical students. A fee of \$5 a trimester is charged by the University, \$3.25 to be paid by the student and the balance by the School of Medicine.

GENERAL PLAN OF INSTRUCTION

Each academic year with the exception of the first (semester) is divided into three trimesters of eleven weeks each. Required lectures, classroom and laboratory work and practical work with patients occupy approximately seven hours a day on Mondays, Wednesdays and Fridays of each week. The afternoons of Tuesdays, Thursdays and Saturdays are generally free from required work throughout the course. The first two of these afternoons are intended for optional work in elective courses, in the library, or in supplementing the regular work in the laboratories or hospitals. As Tuesday and Thursday afternoons are usually free from required work for all classes, with the exception of the first-year class, there is an opportunity for students of different classes to work together in elective courses. This feature of the curriculum tends, to some extent, to break down the sharp distinction between the classes. It also allows students to return to departments in which they have developed special interests.

Saturday afternoons are set aside for recreation, and work at these times is not encouraged.

Admission to the School of Medicine presupposes that every student has had an adequate preparation in chemistry, physics and biology, and the proper comprehension of practically every course in the medical curriculum is dependent upon knowledge gained in previously required courses. The proper succession of courses is therefore an important factor in determining the medical curriculum. Another important factor is, however, the correlation of courses. In several instances courses given simultaneously are planned to supplement and expand each other. Such correlation also allows students to study a subject from different points of view, and one course may often excite an interest in another.

Although there is no sharp demarcation in the curriculum between the laboratory and the clinical courses, the first year and the greater part of the second year are taken up in the study of the medical sciences,—anatomy, biological chemistry, physiology, bacteriology, pathology and pharmacology.

During the third trimester of the second year attention is strongly focused on technical training needed for the study of patients, which is begun in the hospital wards with the beginning of the third year, the students being assigned to the various wards of the hospital in groups. The fourth-year students are assigned to the different divisions of the outpatient service. By this arrangement the less mature students see the more out-spoken manifestations of disease under conditions which allow their study with greater facility, while the

more mature students study the early manifestations of disease, when their recognition is more difficult. The senior students also work more independently, under conditions similar to the actual practice of medicine. During the fourth year an opportunity is also given the students to acquire some of the simpler methods of specialists. No attempt is made, however, to give them sufficient knowledge or experience to encourage them to enter upon the practice of a specialty without serious graduate study.

Throughout the latter half of the course the students are taught as far as possible by practical work, and every effort is made to develop sound and well-trained practitioners of medicine.

Finally, during the fourth year courses in preventive medicine and public health are given, with the intent of familiarizing the student with the more important aspects of the prevention and control of disease. An attempt is also made to interest the student in the relation of disease and injury to society and to awaken in him a consciousness of his broader obligations to his community and to its social organization. Various aspects of prevention of disease are introduced throughout the entire medical curriculum to the end that the graduate of medicine is imbued with the "Preventive Idea." The outpatient department is utilized in giving the student a practical knowledge of the social aspects of disease, as well as the application of the principles of prevention in relation to medical practice.

COURSES OFFERED TO CANDIDATES FOR GRADUATE DEGREES

Candidates registered for Graduate Instruction in the University for the degree of Master of Science or of Doctor of Philosophy may pursue work in the Medical Sciences given in the Medical School, either in regular courses or in special elective courses, provided such students are accepted by the heads of departments concerned. Graduate work in the Medical Sciences is regulated by the faculty of the Graduate School of the University. Candidates for graduate degrees should apply to the Dean of the Graduate School.

POSTGRADUATE INSTRUCTION IN MEDICINE

Postgraduate instruction in the School of Medicine has been placed under the direction of a faculty committee and a Director of Postgraduate Instruction, in co-operation with the heads of the departments. Courses may be offered at any time during the year for periods of varying length. Only a limited number of physicians can be admitted to any course.

A description of available courses may be found under the heading Postgraduate Courses. More detailed information may be obtained concerning postgraduate instruction by writing to Howard Miltenberger, Registrar, School of Medicine.

COURSES OF INSTRUCTION

Courses that are numbered 21 or above may be taken under conditions stated on p. 58 as meeting part of the requirements for a graduate degree.

All elective courses are listed in italics.

ANATOMY

SAM L. CLARK, *Professor of Anatomy and Head of the Department*

JAMES W. WARD, *Associate Professor of Anatomy*

WALTER RICHARDSON SPOFFORD, *Associate Professor of Anatomy*

MARY E. GRAY, *Assistant Professor of Anatomy*

NATHANIEL SEHORN SHOFNER, *Assistant Professor of Anatomy*

HUGH ADAMS, *Instructor in Anatomy*

J. JEFFERSON ASHBY, *Instructor in Anatomy*

WILLIAM WESLEY WILKERSON, JR., *Assistant in Anatomy*

Courses of instruction are provided in histology, neurology and gross human anatomy, and opportunities are offered for advanced work and investigation in these sciences.

Physicians and properly qualified students, not candidates for the medical degree, may be admitted to any of the courses by special arrangements with the instructors and may undertake advanced work and original research.

21. GROSS ANATOMY.—This course is devoted to a systematic dissection of the human body. The instruction is largely individual and the work of the student is made as independent as possible. Twenty-five hours a week during the first semester of the first year. Dr. Ward, Dr. Spofford, and Dr. Adams.

22. HISTOLOGY.—This course is devoted to giving the student a familiarity with the normal structure of the principal tissues and organs of the body. Fresh tissues are used wherever possible for the demonstration of normal cellular function, and students are taught the use of stains in analyzing the characteristics of particular cells. Seven hours a week during the first semester of the first year. Dr. Clark, Dr. Gray, and Dr. Spofford.

23. NEUROLOGY.—The histological aspect of the nervous system, including the structure of nerve cells, fibers and endings, the histology and pathways of the spinal cord, the structure and connections of cerebrospinal and autonomic nerves and ganglia, and the histology of the organs of special sense. Three hours a week during the first semester of the first year. Dr. Clark, Dr. Gray and Dr. Spofford.

24. *ADVANCED NEUROLOGY*.—Using the work of the first year as a basis, an intensive study of the relations, structure and function of the various parts of the central nervous system is made with the aid of gross specimens and dissections, serial sections of *brain stems* and experimental demonstrations and seminars. The lectures are a guide to the laboratory work and present the type of evidence on which the present conceptions of the nervous system are based. Five hours a week during the second trimester of the second year. Dr. Clark, Dr. Ward and Dr. Gray.

25. *Topographical-Applied Anatomy*.—Practical consideration of the anatomical structures chiefly concerned in clinical surgery and medicine. *Lectures and laboratory work* six hours a week during the third trimester of the second year. Dr. Shofner, Dr. Ashby and Dr. Wilkerson.

26. *Advanced Anatomy*.—A general review of gross anatomy, or special review and dissection of *specific regions of the body* in which the student may be particularly interested. Hours and credit by arrangement. Dr. Ward and Dr. Spofford.

27. *Research in Neurology*.—Conferences and research upon special phases of the structure and function of the nervous system. This course is designed to meet the needs of students desiring special training in neurology. Hours and credit by arrangement. Dr. Clark and Dr. Ward.

28. *Hematology*.—Research and conferences in the application of the newer methods in the study of blood. Experimental work concerning the origin and function of the different blood cells and their interrelationships. Hours and credit by arrangement. Dr. Gray.

29. *Research*.—Facilities for research will be provided to adequately prepared graduate students who show special aptitude or who are candidates for advanced degrees. Hours and credit by arrangement. Dr. Clark and Staff.

BIOCHEMISTRY

CHARLES SUMMERS ROBINSON, *Professor of Biochemistry and Head of the Department*

WILLIAM J. DARBY, *Professor of Biochemistry (Director of Nutrition Studies)*

J. M. JOHLIN, *Associate Professor of Biochemistry*

ANN STONE MINOT, *Associate Professor of Biochemistry (Director of the Clinical Chemical Laboratory)*

CARL E. ANDERSON, *Assistant Professor of Biochemistry*

JOHN G. CONIGLIO, *Instructor in Biochemistry*

R. MERWIN GRIMES, *Instructor in Biochemistry*

C. FREEMAN LUCKEY, *Instructor in Biochemistry*

OSCAR TOUSTER, *Instructor in Biochemistry*

MARY ELLEN CHERRINGTON, *Assistant in Biochemistry*

21. *BIOCHEMISTRY.*—This is a lecture course which includes a review of physical and organic chemistry as applied to the study of body processes. The chemical aspects of digestion, metabolism, respiration, etc., are discussed.

22. *LABORATORY WORK IN BIOCHEMISTRY.*—This course is designed to accompany Course 21. Together they satisfy the requirements for the medical course. 18 hours a week for 16 weeks during the second semester of the first year. Dr. Robinson, Dr. Anderson and Staff.

23. *Advanced Work in Biochemical Methods.*—Open to a limited number of properly qualified students. Admission to course, hours and credit by arrangement. Dr. Robinson and Staff.

24. *Research Work in Biochemistry.*—Admission to course, hours and credit by arrangement. Dr. Robinson and Staff.

25. *Advanced Work in Colloidal Chemistry.*—Admission to course, hours and credit by arrangement. Dr. Johlin.

26. *Advanced Pathological Chemistry.*—Lectures and Seminar on Recent Developments in Biochemistry in Relation to Medicine. Open by arrangement to third and fourth-year students as elective work. Dr. Robinson, Dr. Minot, and staff.

27. *Seminar in Biochemical Literature.*—Admission and hours by arrangement. The Staff.

28. *Biochemical Aspects of Nutrition.*—This course applies the principles of biochemistry to the subject of nutrition to provide a foundation for subsequent work in dietetics and the nutritional management of patients. Two lectures per week during the third trimester of the second year. Open to second-year students as elective work. Dr. Darby.

29. *Office Laboratory Methods.*—This course will give instruction and practice in clinical chemical methods suitable for the use of the medical practitioner in his own office. Open to third and fourth-year students as elective work. Dr. Minot.

PHYSIOLOGY

HOWARD J. CURTIS, *Professor of Physiology and Head of the Department*

WALTER E. GARREY, *Professor Emeritus of Physiology*

CHARLES E. KING, *Professor of Physiology*

ROBERT H. FURMAN, *Instructor in Physiology*

H. C. MENG, *Instructor in Physiology*

ROBERT L. POST, *Instructor in Physiology*

21. **PHYSIOLOGY.**—This course for first-year medical students is designed to cover the essentials of medical physiology. Lectures, conferences and laboratory work are given during the second semester. Dr. Curtis and Staff.

22. *Physiological Technique and Preparations.*—A course designed for advanced students. Time and credits by arrangement. Dr. Curtis and Staff.

23. *Special Physiology.*—Optional work for medical students. Conferences and experiments dealing with phases of special physiology. Tuesday and Thursday afternoons of the first trimester. Dr. Curtis and Staff.

24. *Research.*—Facilities for research may be provided to adequately prepared students. Hours and credit by arrangement. Dr. Curtis and Staff.

PATHOLOGY

ERNEST W. GOODPASTURE, *Professor of Pathology and Head of the Department*

JAMES R. DAWSON, JR., *Professor of Pathology*

ROY C. AVERY, *Associate Professor of Bacteriology (Director of Bacteriological and Seriological Laboratory)*

WILLIAM A. DEMONBREUN, *Associate Professor of Pathology*

STEWART AUERBACH, *Associate Professor of Pathology*

DAVID K. GOTWALD, *Assistant Professor of Pathology*

DAVID L. MCVICKAR, *Assistant Professor of Bacteriology*

JOHN L. SHAPIRO, *Instructor in Pathology*

BENTON B. HOLT, *Assistant in Pathology*

21. **GENERAL AND SPECIAL PATHOLOGY.**—Various phases of general and special pathology are presented by lectures, demonstrations, discussions and laboratory work. Both the gross and the microscopic lesions characteristic of various diseases are studied and correlated. The class attends and may assist with the post mortem examinations performed during the year.

Seventeen hours of lectures and laboratory work a week during the first trimester and fourteen hours of lectures and laboratory work a week during the second trimester of the second year. Dr. Goodpasture, Dr. Dawson and Staff.

22. CLINICAL PATHOLOGICAL CONFERENCES.—This is a weekly meeting of the third and fourth-year students, and members of the hospital staff at which the clinical aspects and diagnosis of fatal cases are discussed, followed by an exposition and an explanation of the pathological changes that are discovered at autopsy.

One hour a week throughout the third and fourth years. Dr. Dawson in conjunction with members of the clinical staff.

23. *Research*.—Opportunities for research are offered to properly qualified students. Hours and credit by arrangement.

24. BACTERIOLOGY.—The course in Bacteriology consists of lectures and laboratory work. Emphasis is placed upon the aspects of bacteriology and immunology that are directly pertinent to an understanding of the etiology and pathogenesis of infectious disease and its practical bacteriological diagnosis. The fundamental principles of bacteriology are illustrated by applying them to the practical study of infectious material from patients in the University Hospital. During the course, the student receives considerable first hand training in the more important bacteriological methods used in the examination of clinical material.

Through the co-operation of the Department of Preventive Medicine, lectures on the public health aspects of representative infectious diseases are given as a part of the course, with a view of correlating the bacteriological studies of the specific organisms with the epidemiological principles involved in the control of the communicable diseases. Sixteen hours of lectures and laboratory work a week during the first trimester of the second year. Dr. Avery and Staff.

25. IMMUNOLOGY.—The course in Immunology consists of lectures and demonstrations. The fundamental principles of immunology are represented upon a theoretical basis. The importance of these principles is illustrated by a consideration of their practical application to the problems of resistance to infection and seriological methods of diagnosis. Emphasis is placed upon the specific biological products used in the prevention and treatment of certain infectious diseases. Two hours a week during the second trimester of the fourth year. Dr. Avery and Staff.

26. *Advanced Medical Bacteriology and Immunology*.—This course includes advanced training in special methods used in the study of problems of immediate relation to infectious diseases. Hours and credit by arrangement. Dr. Avery and Staff.

27. *Microbiology*.—This course consists of a study of various phases of the mechanism of bacterial metabolism; bacterial enzymes and influence of different environmental factors upon bacterial growth. Hours and credit by arrangement. Dr. Avery.

28. *Advanced Work on the General Principles of Immunology*.—This course differs from course 26 in that it consists of studies related to the fundamental principles of immunology, rather than to the immediate application of immunology to medicine. Hours and credit by arrangement. Dr. Avery and Staff.

PHARMACOLOGY

PAUL D. LAMSON, *Professor of Pharmacology and Head of the Department*

BENJAMIN H. ROBBINS, *Associate Professor of Pharmacology*

MILTON T. BUSH, *Associate Professor of Pharmacology*

MARGARET E. GREIG, *Assistant Professor of Pharmacology*

W. DUDLEY BEAUCHAMP, *Research Associate in Pharmacology*

JEAN EARLY, *Research Assistant in Pharmacology*

WILLIAM HOLLAND, *Research Assistant in Pharmacology*

21. PHARMACOLOGY.—The course in Pharmacology consists of a series of lectures in which the reaction of the human organism to chemical substances is taken up in a systematic manner, and typical reactions demonstrated by animal experiments. Laboratory exercises are given in which the student has an opportunity to become familiar with pharmacological technic. Four lectures and seven hours of laboratory work a week during the second trimester of the second year. Dr. Lamson and Staff.

22. INTRODUCTION TO ENZYMOLOGY AND ITS APPLICATION TO PHARMACOLOGY.—Lectures and seminars will be held for students interested in acquiring a knowledge of some of the fundamentals involved in intermediary metabolism. These will include a study of the general properties of the enzymes required for carbohydrate, protein and fat metabolism as well as the mechanism of action of certain drugs affecting normal enzyme systems. Pathological conditions will also be considered. Hours to be arranged. Dr. Greig and Dr. Holland.

23. *Research*.—Opportunities for research are offered to those properly qualified who wish to carry out investigations and have sufficient time for such work. Hours and credit by arrangement. Dr. Lamson and Staff.

PREVENTIVE MEDICINE AND PUBLIC HEALTH

ALVIN E. KELLER, *Associate Professor of Preventive Medicine and Public Health and Acting Head of the Department.*

PAUL M. DENSEN, *Associate Professor of Preventive Medicine and Public Health*

MARGARET PEARL MARTIN, *Assistant Professor of Preventive Medicine and Public Health*

EUGENE LINDSAY BISHOP, *Assistant Professor of Preventive Medicine and Public Health*

R. H. HUTCHESON, *Assistant Professor of Preventive Medicine and Public Health*

W. CARTER WILLIAMS, *Assistant Professor of Preventive Medicine and Public Health*

JAMES B. BLACK, *Instructor in Preventive Medicine and Public Health*

ROYDON S. GASS, *Instructor in Preventive Medicine and Public Health*

JOHN J. LENTZ, *Instructor in Preventive Medicine and Public Health*

RUTH R. PUFFER, *Instructor in Preventive Medicine and Public Health*

ROBERT H. WHITE, *Instructor in Preventive Medicine and Public Health*

MONROE F. BROWN, *Assistant in Preventive Medicine and Public Health*

WILLIAM B. FARRIS, *Assistant in Preventive Medicine and Public Health*

H. H. HUDSON, *Assistant in Preventive Medicine and Public Health*

NED LENTZ, *Assistant in Preventive Medicine and Public Health*

*DON C. PETERSON, *Assistant in Preventive Medicine and Public Health*

C. B. TUCKER, *Assistant in Preventive Medicine and Public Health*

T. V. WOODRING, *Assistant in Preventive Medicine and Public Health*

FRED W. RYDEN, *Research Assistant in Preventive Medicine and Public Health*

Courses of instruction for undergraduates are provided in medical statistics, parasitic diseases, preventive medicine and public health practice, and elective work in biostatistics.

1. MEDICAL STATISTICS.—This course is designed to acquaint the student with the elements of statistical reasoning and their application to medical problems. Lectures consider methods of collection, tabu-

*Died June 13, 1948.

lation and presentation of data. Errors to be avoided in interpreting such data are pointed out. Consideration is given to the elementary treatment of sampling variation and analysis of frequency distributions. The student is given an opportunity in the laboratory to apply the principles developed in the classroom discussions.

This course is given three hours each week, Thursday afternoon, during the first trimester of the second year. Dr. Martin and Staff

A few lectures are given by members of the department on the epidemiology of selected infectious diseases in correlation with the course in bacteriology in the Department of Pathology.

2. PARASITIC DISEASES: DIAGNOSTIC LABORATORY METHODS, CLINICAL ASPECTS AND CONTROL MEASURES.—A course of lectures, demonstrations and laboratory exercises in which the animal parasites of man, their vectors and the diseases which they produce are studied. The biological activities of parasites are emphasized. Patients and case histories are used wherever possible; methods of treatment may be discussed, and prevention and control are stressed. Five hours a week during the third trimester of the second year.

Joint clinics may be held in conjunction with the Department of Medicine for the purpose of integrating the teaching of preventive and clinical medicine. These clinics have not been provided in formal schedule but may be held when patients are admitted to the Hospital suffering from such conditions as typhoid fever, malaria, undulant fever, endemic typhus fever, tularemia and lead poisoning.

One half of the fourth-year students may elect work in the syphilis clinic which covers a period of about six weeks. In addition to diagnostic and treatment procedures students are required to do field work on patients treated in the clinic concerning social and preventive aspects of medicine.

3. PREVENTIVE MEDICINE: PRINCIPLES OF PUBLIC HEALTH AND EPIDEMIOLOGY.—A course of lectures intended to provide the student with the preventive point of view in the practice of medicine and also to acquaint him with the organized forces working for the advancement of public health.

The following subjects are among those considered: etiology, modes of transmission and methods of prevention and control of communicable diseases; biostatistics; maternal and infant hygiene; the venereal disease problem; the more common occupational diseases; the deficiency diseases; school hygiene; principles of housing; water supplies and sewage disposal. Stress is placed upon the principles involved in public health administrative practice in relation to the practitioner of medicine.

Field demonstrations are provided for observation and instruction concerning public health practice by the state and local health agencies.

Members of the class are required to make environmental and epidemiological studies of patients who have been admitted to the Hospital. Two students are assigned to a patient and an investigation is made of the patient's family and of the factors which may have been responsible for the patient's illness.

Two lecture hours and one afternoon (three hours) each week during the first and second trimesters of the fourth year. Dr. Keller, Dr. Martin and Staff.

4. *Elective Courses in Biostatistics.*—The lectures and laboratory exercises are designed to supplement the material presented in the course in medical statistics with additional applications to specific medical problems, particularly those which arise in research work. It includes a discussion of discrete and continuous distributions of a single variable, methods of dealing with relationships between variables and further consideration of sampling theory. The problems chosen for discussion will be determined in considerable measure by the interests and needs of the students.

The number admitted to the course will be limited. Hours and credit by arrangement. Dr. Martin.

5. *Elective Work.*—The participation of a few selected fourth-year students will be welcomed in investigative work carried on by members of the Department. Hours and credits to be arranged.

6. GRADUATE COURSES IN PUBLIC HEALTH LEADING TO THE DEGREE OF MASTER OF PUBLIC HEALTH

Prerequisites consist of the medical or dental degree from an approved school.

A special bulletin is available and will be mailed upon request.

MEDICINE

HUGH JACKSON MORGAN, *Professor of Medicine and Head of the Department.*

RUDOLPH H. KAMPMEIER, *Associate Professor of Medicine and Director of Post Graduate Training*

WILLIAM H. WITT., *Professor Emeritus of Clinical Medicine*

OVAN N. BRYAN, *Associate Professor of Clinical Medicine*

WILLIAM R. CATE, *Associate Professor of Clinical Medicine*

HOLLIS E. JOHNSON, *Associate Professor of Clinical Medicine*

EDGAR JONES, *Associate Professor of Clinical Medicine*

JOHN OWSLEY MANIER, *Associate Professor of Clinical Medicine*

- JACK WITHERSPOON, *Associate Professor of Clinical Medicine*
WILLIAM J. DARBY, *Assistant Professor of Medicine in Nutrition*
GEORGE R. MENEELY, *Assistant Professor of Medicine*
RICHARD FRANCE, *Assistant Professor of Clinical Medicine*
EDNA S. PENNINGTON, *Assistant Professor of Clinical Medicine*
SAMUEL S. RIVEN, *Assistant Professor of Clinical Medicine*
W. DAVID STRAYHORN, JR., *Assistant Professor of Clinical Medicine*
CLARENCE S. THOMAS, *Assistant Professor of Clinical Medicine*
ALBERT WEINSTEIN, *Assistant Professor of Clinical Medicine*
F. TREMAINE BILLINGS, *Instructor in Medicine*
LEROY E. DUNCAN, JR., *Instructor in Medicine*
HARRISON J. SHULL, *Instructor in Medicine*
WILLIAM J. CARD, *Instructor in Clinical Medicine*
RAYMOND R. CROWE, *Instructor in Clinical Medicine*
DAN CROZIER, *Instructor in Clinical Medicine*
ROBERT M. FINKS, *Instructor in Clinical Medicine*
THOMAS F. FRIST, *Instructor in Clinical Medicine*
ROBERT A. GOODWIN, *Instructor in Clinical Medicine*
DAVID W. HAILEY, *Instructor in Clinical Medicine*
THOMAS B. HALTOM, *Instructor in Clinical Medicine*
AUBREY B. HARWELL, *Instructor in Clinical Medicine*
JOSIAH B. HIBBITTS, JR., *Instructor in Clinical Medicine*
ALVIN E. KELLER, *Instructor in Clinical Medicine*
J. ALLEN KENNEDY, *Instructor in Clinical Medicine*
LAMB B. MYHR, *Instructor in Clinical Medicine*
ADDISON B. SCOVILLE, JR., *Instructor in Clinical Medicine*
AMIE T. SIKES, *Instructor in Clinical Medicine*
WILLIAM H. TANKSLEY, *Instructor in Clinical Medicine*
ROBERT T. TERRY, *Instructor in Clinical Medicine*
THOMAS M. BLAKE, *Assistant in Medicine*
JAMES J. CALLAWAY, *Assistant in Medicine*
ROBERT H. FURMAN, *Assistant in Medicine*
WOOD S. HERREN, III, *Assistant in Medicine*
CHARLES RAY WOMACK, *Assistant in Medicine*
CRAWFORD W. ADAMS, *Assistant in Clinical Medicine*
RANDOLPH A. CATE, *Assistant in Clinical Medicine*
LAURENCE A. GROSSMAN, *Assistant in Clinical Medicine*
JAMES N. THOMASSON, *Assistant in Clinical Medicine*
JOHN LANIER WYATT, *Assistant in Clinical Medicine*

1. **CLINICAL PATHOLOGY.**—A series of lectures and laboratory exercises in the microscopic and chemical methods used in the diagnosis of disease. Students are trained in the technique of examining urine, blood, sputum, gastric contents, feces, and "puncture fluids." The interpretation of laboratory data is discussed. Six hours a week during the second trimester of the second year, and two hours a week during the third trimester of the second year. Dr. Jones.

2. **CLINICAL LECTURES AND DEMONSTRATIONS.**—Topics are taken up in correlation with other courses being pursued simultaneously. Certain phases of clinical physiology are illustrated. One hour a week during the third trimester of the second year. Dr. Morgan, Dr. Meneely and Staff.

3. **PHYSICAL DIAGNOSIS.**—Lectures, demonstrations and practical exercises designed to introduce the students to the methods used in examining patients and to interpretation of the data obtained by inspection, palpation, percussion and auscultation. The students are divided into groups for the purpose of examining each other and selected patients. Seven hours of lectures, demonstrations and practical work a week during the third trimester of the second year. Dr. Kampmeier, Dr. Strayhorn, and Staff.

4. **WARD WORK.**—One-third of the third-year class is assigned to the medical wards during one trimester. Bedside instruction is given each morning from 8:30 to 9:30 o'clock by various members of the staff. At other times students study the cases assigned to them and compile some of the data required for an understanding of the cases, under the direction of members of the staff. A weekly seminar is also held. Approximately 20 hours a week during one trimester. Dr. Morgan and Staff.

5. **CLINICAL LECTURES AND DEMONSTRATIONS.**—A series of clinical lectures and demonstrations for the purpose of bringing before the third-year class patients illustrating usual and important diseases. One hour a week during the second and third trimesters of the third year. Dr. Morgan and Staff.

6. **THERAPEUTICS.**—Lectures and demonstrations, illustrating the general care of patients, dietetic treatment, and such therapeutic procedures as venesection, pleural aspiration and lumbar puncture. The therapeutic use of various drugs and methods of prescription and administration are discussed and illustrated by the use of patients. Two hours a week during the third trimester of the fourth year. Dr. Billings and Staff.

7-A. **MEDICAL OUTPATIENT SERVICE.**—One-sixth of the students of the fourth-year class are assigned during half of one trimester to the medical outpatient service. Cases are assigned to the students

who record the histories, conduct the physical examinations and perform the simpler laboratory tests. Their work is reviewed by members of the staff, who act as consultants, see that all patients receive any needed consultations from other departments, and direct the management of the cases. Students from the subgroup on General Medicine will be assigned for work on the medical wards of the Nashville General Hospital. Dr. Kampmeier and Staff.

7-B. MEDICAL OUTPATIENT SERVICE.—Members of the fourth-year class are assigned for half of one trimester to special clinics in the medical outpatient service where they observe methods of dealing with metabolic and allergic and thoracic diseases. Six hours a week during half of one trimester of the fourth year. Dr. Weinstein, Dr. Johnson, Dr. Pennington, and Dr. Thomas.

8. CLINICAL LECTURES AND DEMONSTRATIONS.—Patients are selected from the medical wards and outpatient service. The patients are presented by the students to whom they have been assigned and the diagnosis and treatment of the cases are discussed with members of the third and fourth-year classes. One or two hours a week throughout the third and fourth years. Dr. Morgan and Staff.

9. *Special Elective Courses*.—A limited number of students of the third and fourth years may be accepted for special elective work each trimester in the various laboratories of the department and in the medical wards and outpatient service of the hospital. Hours and credit by arrangement. Dr. Morgan and Staff.

10. *Elective Course in Syphilis*.—The diagnosis and treatment of this disease is provided for in a special clinic in the department of medicine. Each case is carefully studied prior to the institution of treatment. The students take an important part in the diagnostic and therapeutic activities of the clinic. Limited to students in course 7-B four hours per week for one-half trimester. Dr. Kampmeier and Dr. Jones.

Neurology

WILLIAM F. ORR, JR., *Associate Professor of Neurology*

LEON FERBER, *Instructor in Clinical Neurology*

1. NEUROLOGY.—Lectures and demonstrations are held in which the commoner neurological conditions are discussed from the point of view of diagnosis and treatment. One hour a week during the first and third trimesters of the third year. Dr. Orr and Dr. Ferber.

2. CLINICAL NEUROLOGY.—One-sixth of the fourth-year class is assigned to the neurological outpatient service during part of each trimester. Here they are taught the special methods of examination required in the study of neurological patients, and are given instruction in the diagnosis and management of neurological conditions.

Four hours a week during half of one trimester of the fourth year.
Dr. Orr and Dr. Ferber.

3. *Electives in Neurology.*

- a. Clinical neurology at the Nashville General Hospital.
- b. Experimental neurology: a study of problems related to the anatomy and physiology of the nervous system.
- c. Neuropathology: a study of the special pathology of the nervous system, with its application to clinical problems. Hours and credit by arrangement. Dr. Orr and Dr. Ferber.

Dermatology

HOWARD KING, *Professor of Clinical Dermatology*

CHARLES M. HAMILTON, *Associate Professor of Clinical Dermatology*

ROBERT N. BUCHANAN, *Instructor in Clinical Dermatology*

1. DERMATOLOGY.—A course of eleven lectures and demonstrations covering the various groups of skin diseases and some of the dermatological manifestations of general disease. One hour a week during the second trimester of the third year. Dr. King.

2. CLINICAL DERMATOLOGY.—One-sixth of the fourth-year class is assigned to the dermatological clinic during part of one trimester, where they have practice in the diagnosis and treatment of the diseases of the skin under the supervision of the staff. Two hours a week during half of one trimester of the fourth year. Dr. Hamilton and Dr. Buchanan.

PEDIATRICS

AMOS CHRISTIE, *Professor of Pediatrics and Head of the Department*

OWEN H. WILSON, *Professor of Clinical Pediatrics*

J. CYRIL PETERSON, *Associate Professor of Pediatrics*

JOHN M. LEE, *Associate Professor of Clinical Pediatrics*

JAMES C. OVERALL, *Associate Professor of Clinical Pediatrics*

HEARN G. BRADLEY, *Assistant Professor of Clinical Pediatrics*

T. FORT BRIDGES, *Assistant Professor of Clinical Pediatrics*

WILLIAM O. VAUGHAN, *Assistant Professor of Clinical Pediatrics*

ETHEL WALKER, *Assistant Professor of Clinical Pediatrics*

O. RANDOLPH BATSON, *Instructor in Pediatrics*

LEONARD L. KOENIG, *Instructor in Pediatrics*

JAMES C. LANIER, *Instructor in Pediatrics*

MARINE LEE, *Instructor in Pediatrics*

PHILIP C. ELLIOTT, *Instructor in Clinical Pediatrics*

HARRY. M. ESTES, *Instructor in Clinical Pediatrics*

SOL L. LOWENSTEIN, *Instructor in Clinical Pediatrics*
DAN S. SANDERS, *Instructor in Clinical Pediatrics*
JOE M. STRAYHORN, *Instructor in Clinical Pediatrics*
THOMAS S. WEAVER, *Instructor in Clinical Pediatrics*
BLAIR E. BATSON, *Assistant in Pediatrics*
JAMES G. MIDDLETON, *Assistant in Pediatrics*
MILDRED STAHLMAN, *Assistant in Pediatrics*
CALVIN W. WOODRUFF, *Assistant in Pediatrics*
HOWARD C. ROBERTSON, *Assistant in Clinical Pediatrics*

1. LECTURES AND DEMONSTRATIONS.—The prenatal period, the new-born child, mental and physical growth and development, the nutrition of infants and children, and the prevention of the abnormal are discussed. Especial attention is given to the normal child as a basis for the study of the abnormal, or diseases of children. One hour a week during the first trimester of the third year. Dr. Christie, Dr. Peterson and Staff.

2. WARD WORK.—One-sixth of the third-year class is assigned to the pediatric wards during one-half of each trimester. Bedside instruction is given and patients are studied, emphasis being laid on the structure and function of the normal child. Variations from the normal and their prevention are considered. Eighteen hours a week during half of one trimester of the third year. Dr. Christie, Dr. Peterson and Staff.

3. CLINICAL LECTURES AND DEMONSTRATIONS.—The more important phases of pediatrics, including the acute infectious diseases of childhood, are demonstrated and discussed. Patients from the wards and from the outpatient service are presented. Two hours a week during the first and second trimesters and one hour a week during the third trimester of the fourth year. Also, one hour a week during the second trimester, the third-year students combine with the fourth-year group for the above instruction. Dr. Christie, Dr. Peterson, and Staff.

4. PEDIATRIC OUTPATIENT SERVICE.—One-sixth of the fourth-year class is assigned to the pediatric outpatient service during one-half of a trimester. Patients are assigned to students, who record histories, make physical examinations and carry out diagnostic procedures. Diagnosis and treatment are considered with members of the staff. Twelve hours a week during half of one trimester of the fourth year. Dr. Christie, Dr. Peterson and Staff.

5. *Elective work* in the laboratories, well baby clinic, wards and dispensary of the department is offered to small groups of students

of the fourth year during each trimester. Hours and credit by arrangement.

Also, elective work, one or two afternoons a week in the Pediatric mental health clinic of the outpatient department is available. Dr. William O Vaughan.

PSYCHIATRY

WILLIAM F. ORR, JR., *Professor of Psychiatry and Head of the Department*

FRANK H. LUTON, *Professor of Psychiatry*

SMILEY BLANTON, *Associate Professor of Clinical Psychiatry*

OTTO BILLIG, *Assistant Professor of Psychiatry*

LEON FERBER, *Assistant Professor of Psychiatry*

VIRGINIA KIRK, *Assistant Professor of Clinical Psychology*

SAMUEL E. ABEL, *Instructor in Clinical Psychiatry*

G. TIVIS GRAVES, *Instructor in Clinical Psychiatry*

O. S. HAUK, *Instructor in Clinical Psychiatry*

RUTH B. ANDERSON, *Assistant in Clinical Psychiatry*

1. INTRODUCTION TO PERSONALITY STUDY.—The student beginning the study of medicine is here presented in informal lecture a discussion of personality adjustment. Particular emphasis is placed upon the emotional problems of infancy and adolescence. Eleven lectures during the first semester of the first year. Dr. Orr, Dr. Ferber and Dr. Billig.

2. PSYCHODYNAMICS.—The purpose of this course is to acquaint the student with the inner forces at the disposal of each person in his adjustment to past as well as present experience. By this means a basis for understanding normal personality and psychopathological phenomena may be outlined. Three hours a week during third trimester of second year. Dr. Orr, Dr. Blanton, Dr. Ferber, and Dr. Billig.

3. CLINICAL PSYCHIATRY.—The subject is presented in a series of lectures in which the commoner psychoses, neuroses, and the personality forces and defenses in physical disease are discussed. Clinical material is used for illustration of the many psychiatric problems that occur in a general hospital ward. The principles of prevention as applied to mental diseases are emphasized. One hour a week during the second and third trimesters of the third year. Dr. Luton and Dr. Blanton.

4. PSYCHOSOMATIC SEMINARS.—Small group meetings are held in which the personality factors of patients on Medicine, Surgery and

Gynecology with demonstrable disease are discussed. Eighteen hours during the third year. Dr. Orr and Staff.

5. **OUTPATIENT PSYCHIATRY.**—One sixth of the fourth-year class is assigned to the psychiatric outpatient service during the part of each trimester. Here they are presented the special methods of examination required in the study of psychiatric patients, and are given instruction in the diagnosis and management of outpatient psychiatric conditions. Two hours a week during half of one trimester of the fourth year. Dr. Billig and Staff.

6. **CLINICAL DEMONSTRATIONS IN PSYCHIATRY.**—Clinical lectures and demonstrations are held at the Tennessee Central State Hospital for the Insane. Patients showing the types of psychiatric diseases which are more frequently met with by the practitioner of medicine are demonstrated and discussed. Three hours a week during the third trimester of the fourth year. Dr. Luton and Staff.

7. **ELECTIVES IN CLINICAL PSYCHOLOGY.**—

(a) Introduction to Rorschach Method of Personality Diagnosis Theory, administration and scoring of the test. Limited to 5 students. Time to be arranged. Miss Kirk.

(b) Theory and Practice of Projective Techniques. Rorschach, Thematic Apperception Test, Drawing and play techniques, in Psychopathology, personality study and guidance. Limited to 5 students. Time to be arranged. Miss Kirk and Mrs. Anderson.

SURGERY

BARNEY BROOKS, *Professor of Surgery and Head of the Department*

RICHARD A. BARR, *Professor Emeritus of Clinical Surgery*

ROLLIN A. DANIEL, JR., *Associate Professor of Surgery*

BEVERLY DOUGLAS, *Associate Professor of Surgery*

*GEORGE S. JOHNSON, *Associate Professor of Surgery*

RALPH M. LARSEN, *Associate Professor of Surgery*

COBB PILCHER, *Associate Professor of Surgery*

LEONARD W. EDWARDS, *Associate Professor of Clinical Surgery*

DUNCAN EVE, *Associate Professor of Clinical Surgery*

BARTON McSWAIN, *Assistant Professor of Surgery*

ROBERT WILLIAM GRIZZARD, *Assistant Professor of Clinical Surgery*

JAMES A. KIRTLEY, JR., *Assistant Professor of Clinical Surgery*

NATHANIEL SEHORN SHOFNER, *Assistant Professor of Clinical Surgery*

*Died May 20, 1948.

- HARRISON H. SHOULDERS, *Assistant Professor of Clinical Surgery*
DAUGH W. SMITH, *Assistant Professor of Clinical Surgery*
BENJAMIN F. BYRD, JR., *Instructor in Surgery*
CULLY A. COBB, JR., *Instructor in Surgery*
WALTER DIVELEY, *Instructor in Surgery*
JAMES N. PROFFITT, *Instructor in Surgery*
EDMUND W. BENZ, *Instructor in Clinical Surgery*
WILLIAM C. BILBRO, *Instructor in Clinical Surgery*
WILLIAM J. CORE, *Instructor in Clinical Surgery*
MURRAY B. DAVIS, *Instructor in Clinical Surgery*
ROGERS NATHANIEL HERBERT, *Instructor in Clinical Surgery*
JAMES ANDREW MAYER, *Instructor in Clinical Surgery*
WILLIAM F. MEACHAM, *Instructor in Clinical Surgery*
ELKIN L. RIPPY, *Instructor in Clinical Surgery*
LOUIS ROSENFELD, *Instructor in Clinical Surgery*
CHARLES C. TRABUE, *Instructor in Clinical Surgery*
BERNARD M. WEINSTEIN, *Instructor in Clinical Surgery*
THOMAS BOWMAN ZERFOSS, *Instructor in Clinical Surgery*
GRIFFITH R. HARSH, *Assistant in Surgery*
GEORGE W. HOLCOMB, JR., *Assistant in Surgery*
JOHN E. KESTERSON, *Assistant in Surgery*
JERE W. LOWE, *Assistant in Surgery*
THAD M. MOSELEY, *Assistant in Surgery*
OSCAR NOEL, *Assistant in Surgery*
ROBERT O. PITTS, *Assistant in Surgery*
DOUGLAS H. RIDDELL, *Assistant in Surgery*
RALPH B. WILLIAMS, JR., *Assistant in Surgery*
ROBERT W. YOUNGBLOOD, JR., *Assistant in Surgery*
CLOYCE F. BRADLEY, *Assistant in Clinical Surgery*
CARL L. CRUTCHFIELD, *Assistant in Clinical Surgery*
JAMES C. GARDNER, *Assistant in Clinical Surgery*
CARL N. GESSLER, *Assistant in Clinical Surgery*
TRAVIS H. MARTIN, *Assistant in Clinical Surgery*
CLEO M. MILLER, *Assistant in Clinical Surgery*
OSCAR G. NELSON, *Assistant in Clinical Surgery*
SAMUEL T. ROSS, *Assistant in Clinical Surgery*
W. ALBERT SULLIVAN, *Assistant in Clinical Surgery*

1. INTRODUCTION TO SURGERY.—The purpose of this course is that it serves as a transition from the fundamental medical sciences to clinical medicine by a reconsideration of those subjects in pathology and physiology most frequently encountered by the student in Surgery 5. Five hours a week during the third trimester of the second year. Dr. Brooks and Staff.

2. PHYSICAL DIAGNOSIS IN SURGERY.—The object of this course is to instruct the students in those methods of physical diagnosis particularly referable to surgical diseases. The student is instructed in the methods of physical examination of the abdomen, spine, joints, and deformities. One hour a week during the third trimester of the second year. Dr. Edwards.

3. SURGICAL PATHOLOGY.—The object of this course is to teach surgery from the viewpoint of anatomical and physiological pathology. Specimens from the operating room, case histories, laboratory experiments and occasional patients from the wards are used to demonstrate the most frequent surgical diseases. Three hours a week throughout the third year. Dr. Daniel.

4. SURGICAL CLINICS.—The students of the third and fourth-year classes are expected to attend two surgical clinics each week. The subjects considered at these clinics vary with the clinical material available. In so far as it is possible an attempt is made to have the various instructors present well-studied cases illustrating surgical conditions with which the instructor is particularly familiar. Two hours a week throughout the third and fourth years. Dr. Brooks and Dr. Pilcher.

5. SURGICAL WARDS.—For one trimester one-third of the third-year students serve as assistants in the surgical wards of the Vanderbilt University Hospital from 8:30 to 11:30 a.m. daily. The students, under the direction of the staff, make the records of the histories, physical examinations and the usual laboratory tests. Ward rounds are made daily by the various members of the surgical staff at which times the ward cases are discussed with the students. The students may be present in the operating rooms at such times as their required work permits. When possible the student is permitted to assist in a surgical operation which is performed upon a patient assigned to him in the ward. Approximately twenty hours a week during one trimester of the third year. Dr. Brooks and Staff.

6. SURGICAL OUTPATIENT SERVICE.—For one trimester the students of the fourth-year class serve daily as assistants in the out-clinics of general surgery, orthopedic surgery and genito-urinary surgery. They make the record of the histories, physical examination and laboratory tests of the patients attending the out-clinic and assist in the

dressings and in minor operations. Various members of the surgical staff are in constant attendance to instruct the students in their work and to discuss with them the diagnosis and treatment of the out-clinic patients. In the out-clinics of orthopedic surgery and urology the students receive instruction in the particular methods of diagnosis and treatment used by these special branches of surgery. Twelve hours a week throughout one trimester of the fourth year, in groups. Dr. Larsen and Staff.

7. FRACTURES.—During the fourth year one hour each week is given to the instruction of the entire fourth-year class in the diagnosis and treatment of fractures. Both hospital and dispensary patients are used in this course and some additional instruction may be given at other hospitals. One hour a week during the first trimester of the fourth year. Dr. Eve.

Ophthalmology

HENRY CARROLL SMITH, *Professor of Clinical Ophthalmology*

ROBERT SULLIVAN, *Professor of Clinical Ophthalmology*

KATE SAVAGE ZERFOSS, *Associate Professor of Clinical Ophthalmology*

FOWLER HOLLABAUGH, *Assistant Professor of Clinical Ophthalmology*

ALLEN LAWRENCE, *Assistant in Clinical Ophthalmology*

N. B. MORRIS, *Assistant in Clinical Ophthalmology*

1. OPHTHALMOLOGY.—A course of lectures is given on the more common diseases and injuries of the eye and the various causes of disturbed vision. The physiology and anatomy of the eye are briefly reviewed. One hour a week during the second and third trimesters of the fourth year. Dr. Smith and Staff.

Otolaryngology

MARVIN MCTYEIRE CULLOM, *Professor Emeritus of Clinical Otolaryngology*

GUY M. MANESS, *Associate Professor of Otolaryngology*

EUGENE ORR, *Assistant Professor of Clinical Otolaryngology*

MORRIS ADAIR, *Assistant in Clinical Otolaryngology*

JERE W. CALDWELL, *Assistant in Clinical Otolaryngology*

LEE FARRAR CAYCE, *Assistant in Clinical Otolaryngology*

HERBERT DUNCAN, *Assistant in Clinical Otolaryngology*

ANDREW N. HOLLABAUGH, *Assistant in Clinical Otolaryngology*

WILLIAM WESLEY WILKERSON, JR., *Assistant in Clinical Otolaryngology*

2. OTOLARYNGOLOGY.—A course of lectures is given in which the diseases of the ear, nose and throat are briefly discussed and the methods of treatment are described. One hour a week during the first trimester of the fourth year. Dr. Maness.

3. CLINICAL OPHTHALMOLOGY AND OTOLARYNGOLOGY.—Groups consisting of one-sixth of the fourth-year class are assigned to clinical work in the outpatient service, where they have an opportunity to examine patients, to practice the simpler forms of treatment, to witness and to assist in operations, and to participate in the post-operative care of patients. Eight hours a week during one-half of one trimester. Dr. Zerfoss and Dr. Maness.

Urology

EDWARD HAMILTON BARKSDALE, *Associate Professor of Urology*

BURNETT W. WRIGHT, *Associate Professor of Clinical Urology*

HENRY L. DOUGLASS, *Assistant Professor of Clinical Urology*

HORACE C. GAYDEN, *Instructor in Clinical Urology*

MAX K. MOULDER, *Instructor in Clinical Urology*

*JEFFERSON C. PENNINGTON, *Instructor in Clinical Urology*

OSCAR CARTER, *Assistant in Clinical Urology*

1. UROLOGY.—A course of lectures and recitations is given covering the more important aspects of urology. One hour a week during the second and third trimester of the fourth year. Dr. Wright.

2. CLINICAL INSTRUCTION.—Students receive clinical instruction in urology during the third year in the wards and during the fourth year in the Outpatient Department. This instruction is given by the members of the urological staff at formal ward rounds on alternate Thursdays and the students serving as clinical clerks in both the wards and the Outpatient Department. The time given to this instruction is included in that assigned to Surgery 5 and Surgery 6. Dr. Barksdale and Staff.

Orthopedic Surgery

R. WALLACE BILLINGTON, *Professor of Clinical Orthopedic Surgery*

EUGENE M. REGEN, *Associate Professor of Orthopedic Surgery*

GEORGE K. CARPENTER, *Assistant Professor of Clinical Orthopedic Surgery*

J. JEFFERSON ASHBY, *Instructor in Clinical Orthopedic Surgery*

S. BENJAMIN FOWLER, *Assistant in Clinical Orthopedic Surgery*

*Died December 12, 1947.

1. **ORTHOPEDIC SURGERY.**—A course of lectures and recitations in which the more important parts of orthopedic surgery are discussed is given. One hour a week during the first trimester of the fourth year. Dr. Billington.

2. **CLINICAL INSTRUCTION.**—Students receive clinical instruction in orthopedic surgery during the third year in the wards and during the fourth year in the Outpatient Department. This instruction is given by the members of the orthopedic surgery staff at formal ward rounds on alternate Thursdays and by the students serving as clinical clerks in both the wards and the Outpatient Department. The time given to this instruction is included in that assigned to Surgery 5 and Surgery 6. Dr. Regen and Staff.

Dental Surgery

ROBERT B. BOGLE, JR., *Professor of Clinical Dental Surgery*

OWEN A. OLIVER, *Professor of Clinical Dental Surgery*

WALTER O. FAUGHT, *Associate Professor of Clinical Dental Surgery*

WALTER M. MORGAN, *Associate Professor of Clinical Dental Surgery*

WILLIAM S. GRAY, *Assistant Professor of Clinical Surgery*

FRED H. HALL, *Assistant Professor of Clinical Dental Surgery*

MAX V. SIGAL, *Assistant Professor of Clinical Dental Surgery*

Although there are no formal lectures or recitations in dental surgery, the students of the fourth-year class have abundant opportunity to become familiar with diseases of the teeth and gums arising in the various clinics of the Outpatient Service. The division of dental surgery conducts a clinic two days each week, to which patients suffering from diseases of the teeth or gums are referred for examination and treatment. Approximately 1,500 patients annually are referred to this clinic for examination and treatment. The staff of the division of dental surgery also assists in the treatment of fractures and tumors of the jaw.

RADIOLOGY

C. C. McCLURE, *Professor of Clinical Radiology and Head of The Department*

HERBERT C. FRANCIS, *Professor of Radiology*

GRANVILLE W. HUDSON, *Assistant Professor of Radiology*

EDMOND H. KALMON, JR., *Instructor in Radiology*

BARCLAY D. RHEA, *Instructor in Radiology*

KIRK R. DEIBERT, *Instructor in Clinical Radiology*

JOSEPH IVIE, *Instructor in Clinical Radiology*

BEN R. MAYES, *Instructor in Clinical Radiology*

JAMES B. PRESSLY, *Assistant in Radiology*

LEON M. LANIER, *Assistant in Clinical Radiology*

1. ROENTGENOLOGY.—This course is offered to afford students instruction in the roentgenological interpretation of: first, normal roentgenograms, and second, more common diseases, and is given as a series of demonstrations and discussions of selected cases. Students are advised to take Roentgenology 1 as a prerequisite to Radiology 2. Two hours each week throughout the year for third-year students, one-third of class each trimester. Dr. Francis, Dr. Hudson, Dr. Mayes and Dr. Ivie.

2. RADIOLOGY.—A series of lectures will be given on physics, methods, and clinical uses of radium and roentgen rays in the diagnosis and treatment of diseases, and on their underlying principles. One hour a week during the third trimester of the fourth year. Dr. McClure and Staff.

3. *Roentgen Diagnosis*.—One-sixth of the fourth-year class will receive instruction in X-ray interpretation of all types of examinations over a period of six weeks.

This course offers more advanced work in roentgen diagnosis, and should be preceded by Roentgenology 1. Fourth-year students. Hours and credits by arrangement. Dr. McClure and Staff.

4. *X-ray Technique*.—Instruction in the principles underlying roentgen technique will be given as a series of discussions and demonstrations. Two hours each week to a limited number of fourth-year students, by special arrangement. Dr. McClure and Staff.

5. *Research in Radiology*.—Facilities for reasearch will be provided to adequately prepared students. Hours and credits by arrangement. Dr. McClure and Staff.

6. *Normal X-ray Anatomy*.—Open to entire second-year class. Two hours a week, third trimester. Dr. Francis.

OBSTETRICS AND GYNECOLOGY

JOHN C. BURCH, *Professor of Obstetrics and Gynecology, and Acting Head of the Department*

LUCIUS EDWARD BURCH, *Professor Emeritus of Obstetrics and Gynecology*

G. SYDNEY McCLELLAN, *Associate Professor of Obstetrics and Gynecology*

SAM C. COWAN, *Professor of Clinical Obstetrics*

- W. BUSH ANDERSON, *Associate Professor Emeritus of Clinical Obstetrics*
- D. SCOTT BAYER, *Associate Professor of Clinical Obstetrics and Gynecology*
- WILLIAM C. DIXON, *Associate Professor of Clinical Gynecology*
- MILTON S. LEWIS, *Associate Professor of Clinical Obstetrics*
- HOLLAND M. TIGERT, *Associate Professor of Clinical Gynecology*
- WILLARD O. TIRRILL, JR., *Associate Professor of Clinical Obstetrics and Gynecology*
- DORIS H. PHELPS, *Research Associate in Obstetrics and Gynecology*
- JOHN SMITH CAYCE, *Assistant Professor of Clinical Obstetrics*
- JOSEPH F. GALLAGHER, *Assistant Professor of Clinical Gynecology*
- MCPHEETERS GLASGOW, *Assistant Professor Emeritus of Clinical Gynecology*
- HARLAN TUCKER, *Assistant Professor of Clinical Gynecology*
- CLAIBORNE WILLIAMS, *Assistant Professor of Obstetrics and Gynecology*
- RICHARD O. CANNON, II, *Instructor in Obstetrics and Gynecology*
- DEANE D. WALLACE, *Instructor in Obstetrics and Gynecology*
- EDWIN LEA WILLIAMS, *Instructor in Obstetrics and Gynecology*
- SAM C. COWAN, JR., *Instructor in Clinical Obstetrics and Gynecology*
- RAPHAEL S. DUKE, *Instructor in Clinical Obstetrics and Gynecology*
- HAMILTON GAYDEN, *Instructor in Clinical Obstetrics and Gynecology*
- CARL S. McMURRAY, *Instructor in Clinical Gynecology*
- DOUGLAS SEWARD, *Instructor in Clinical Gynecology*
- ARTHUR SUTHERLAND, *Instructor in Clinical Obstetrics and Gynecology*
- PAUL WARNER, *Instructor in Clinical Obstetrics*
- WILLIAM M. COLMER, JR., *Assistant in Obstetrics and Gynecology*
- ROBERT DENNIS, *Assistant in Obstetrics and Gynecology*
- HARRY EMIL JONES, *Assistant in Obstetrics and Gynecology*
- ROY W. PARKER, *Assistant in Obstetrics and Gynecology*
- HOUSTON SARRATT, *Assistant in Obstetrics and Gynecology*
- SIDNEY C. REICHMAN, *Assistant in Clinical Obstetrics*
- CLARENCE G. SUTHERLAND, *Assistant in Obstetrics and Gynecology*
- THOMAS F. WARDER, *Assistant in Obstetrics and Gynecology*
- JOHN W. WILLIAMS, *Assistant in Obstetrics and Gynecology*

JOSEPH D. ANDERSON, *Assistant in Clinical Obstetrics and Gynecology*

DIXON N. BURNS, *Assistant in Clinical Obstetrics and Gynecology*

THEO W. DAVIS, *Assistant in Clinical Gynecology*

ROLAND D. LAMB, *Assistant in Clinical Gynecology*

FREEMAN LUCKEY, *Assistant in Clinical Obstetrics and Gynecology*

HARRY T. MOORE, *Assistant in Clinical Obstetrics and Gynecology*

ROBERT C. PATTERSON, JR., *Assistant in Clinical Obstetrics*

WILLIAM D. SUMPTER, JR., *Assistant in Clinical Obstetrics*

ALLEN E. VAN NESS, *Assistant in Clinical Obstetrics*

1. INTRODUCTION TO OBSTETRICS AND GYNECOLOGY.—A series of lectures and demonstrations emphasizing the fundamentals of anatomy and physiology concerned with reproduction in the female. This course is presented as the groundwork for clinical obstetrics and gynecology. Two hours a week during third trimester of second year. Dr. C. Williams, Dr. S. Bayer, Dr. G. S. McClellan and Staff.

2. OBSTETRICS.—A series of lectures and discussions on the treatment of abnormal labor as well as the pathology of pregnancy is given during the third year. In the general plan of instruction, the lectures on obstetrics are completed during the third year. Two hours a week during first trimester, and one hour a week during the second trimester. Dr. G. Sydney McClellan, Dr. C. Williams, Dr. E. L. Williams and Staff.

3. CLINICAL OBSTETRICS.—During one-half of a trimester a small group of students study the patients on the obstetrical wards and in the outpatient service. They work in the prenatal clinic, practice pelvimetry and are given exercises with obstetrical manikin.

During this period students are required to serve as clinical clerks to the obstetrical patients in the hospital and take part in their delivery under supervision of the staff. All students are required to have assisted in a specified number of deliveries, in the hospital, before graduation.

Approximately eighteen hours a week during half of trimester of the third year, exclusive of deliveries. Dr. McClellan, Dr. C. Williams, Dr. E. Williams and Staff.

4. CLINICAL OBSTETRICS AND GYNECOLOGY.—A course of clinical lectures and demonstrations on the obstetrical and gynecological material of the hospital will be given to third and fourth-year students. One hour a week during third trimester of third year and one hour a week during three trimesters of fourth year. Dr. J. C. Burch, Dr. McClellan and Staff.

5. GYNECOLOGY.—A course of lectures, recitations and assigned reading will be given to fourth-year students. In this course the more important topics of gynecology are covered. One hour a week during the second and third trimesters of the fourth year. Dr. J. C. Burch, Dr. C. Williams, and Staff.

6. CLINICAL GYNECOLOGY.—Fourth-year students are assigned to gynecology in small groups. They attend daily the outpatient service, study the patients in the wards, and attend or assist at the operations. Special emphasis is placed on the study of gynecological diagnosis, and an attempt is made to train the student in that part of the subject with which the practitioner of medicine should be familiar. Ten hours a week during one-half of a trimester of the fourth year. Dr. J. C. Burch, Dr. C. Williams, Dr. E. L. Williams, Dr. Anderson, Dr. Cowan, Jr., Dr. Lamb and Dr. Gayden.

7. OBSTETRICAL AND GYNECOLOGICAL PATHOLOGY.—A series of laboratory exercises, in which the gross and microscopic characteristics of the more important obstetrical and gynecological conditions are demonstrated, is given during the fourth year. Three hours a week during one-half trimester of the fourth year. Dr. C. Williams, Dr. Wallace, Dr. Warder and Staff.

8. ELECTIVE COURSES.—Opportunity for the investigation of special gynecological and obstetrical problems is offered to two students each trimester. Hours and credit by arrangement. Staff.

ANESTHESIOLOGY

BENJAMIN H. ROBBINS, *Professor of Anesthesiology and Head of the Department*

LAWRENCE G. SCHULL, *Instructor in Clinical Anesthesiology*

RICHARD F. STAPPENBECK, *Instructor in Clinical Anesthesiology*

JOHN T. STONE, *Assistant in Anesthesiology*

1. ANESTHESIOLOGY.—This course includes a series of lectures, demonstrations and discussions of anesthetic agents in relation to their use in the patient. Senior students will be assigned in small groups to the Anesthesia service where observations of and the administration of anesthetic agents under supervision will be possible.

2. ELECTIVE COURSES.—Opportunity for elective work in the laboratory will be available for a small group of students during the fourth year. Hours and credit by arrangement.

MEDICAL JURISPRUDENCE

HOLLAND M. TIGERT, *Lecturer in Medical Jurisprudence*

MEDICAL JURISPRUDENCE.—This course includes medical evidence and testimony; expert testimony; rights of medical witnesses; dying declarations; medicolegal post mortem examinations; criminal acts determined by medical knowledge; malpractice and the legal relation of physicians to patients and the public. Some consideration is also given to the state law in its relation to public health operations. One hour a week during the third trimester of the fourth year. Dr. Tigert.

MILITARY SCIENCE AND TACTICS

DAN CROZIER, M.D., Major M.C., U. S. A., *Professor of Military Science and Tactics.*

Elective courses in Military Science and Tactics are offered consisting of a basic course running through the first and second years and an advanced course given during the third and fourth years. The basic course consisting of thirty-two hours of instruction a year, is devoted to the study of medico-military subjects. After its completion students are eligible for the advanced course, which includes, in addition to thirty-two hours of instruction, a summer camp of six weeks duration.

Students taking the advanced course are paid the value of the army ration during persuanance of the course. At the present value of the ration this amounts to about \$23.00 per month. During the summer camp, which can be taken during the second or third years, the student is allowed five cents per mile for travel from the medical school to the camp and return. While at camp he receives his quarters, rations, clothing and medical care, and in addition is paid \$75.00 per month. Upon completion of the advanced course students are eligible for commission in the Medical Corps of the Organized Reserve of the Army of the United States. While the course in Military Science and Tactics is elective, the student once enrolled in the basic course must complete this course but may again elect to enter the advanced course. A student entering the advanced course must complete the course as a prerequisite for graduation.

POST GRADUATE COURSES

The following postgraduate courses will be offered during the year 1948-49. Admission will be restricted to graduates in Medicine. Those who wish further information regarding these courses should address the Registrar of the Medical School.

COURSES FOR VETERANS

The following postgraduate courses have been arranged for Veterans, under the G. I. Bill of Rights.*

Course 1. *Out patient Service*. Straight service, non-rotating in Medicine, Surgery, Pediatrics and Obstetrics and Gynecology. The appointments are made by the head of the department for the full year except by special arrangement. The clinical teaching is done using out patients principally, and is supplemented by lectures, seminars and other exercises in the basic sciences of Anatomy, Physiology, Pathology, Bacteriology, Biochemistry and Pharmacology. The appointees will attend clinical pathological conferences, staff rounds and similar meetings, and will have available the facilities of the Joint University and Medical School Library. A thesis may be required. The courses in Surgery, Medicine and Pediatrics will be accredited by the respective certifying American Boards.

Tuition \$666.66 per Calendar year (12 months). \$55.55 per month.

Course. 2. *Special Instructorships*. Properly qualified candidates will receive staff appointments as supervised instructors in the departments listed below. They will devote a large portion of the time to the study of a specific problem or disease, by arrangement with and personally directed by the head of the respective department. This course will be available in Anatomy, Bacteriology, Biochemistry, Pathology, Pharmacology, Physiology, Medicine, Obstetrics and Gynecology, Pediatrics, Preventive Medicine and Public Health, Surgery and X-ray. The curriculum for preclinical subjects will be arranged as the needs of individual veterans require for participation in instruction and research.

Tuition \$666.66 per Calendar year (12 Months). \$55.55 per month.

*Non-veterans may be admitted on approval of their application, except in Course. 3.

Course 3.** *Fellows*. This course has been especially created for a specific group of disabled veterans. A limited number of specially qualified applicants will receive appointments as Fellows in one of the following departments: Anatomy, Bacteriology, Biochemistry, Pathology, Pediatrics, Preventive Medicine and Public Health, Surgery, and X-ray. The major portions of the time will be devoted to pursuit of some special branch of medicine, under the immediate direction of the department head. Opportunities for scientific research—clinical and experimental, supervised teaching, and special clinical training in a specific field of medicine will be available to the few qualified individuals selected for this course.

Tuition \$1,500.00 per academic year.

Course 4. *Special Courses*. By special arrangement short courses in Anesthesiology, Preventive Medicine and Public Health, Medicine, Surgery, Pediatrics, and X-ray will be given. These courses will be of three months' duration and may be taken in any one category listed or in combinations of categories listed except that no department will give a course of less than one month's duration.

Tuition \$166.66 per three months' term.

SHORT INTENSIVE COURSES IN CLINICAL SUBJECTS

It is the policy of the school to offer short intensive courses in clinical subjects during the summer when there is a sufficient demand for them.

SPECIAL COURSES

Courses in individual departments are made available by special arrangement. These courses are under the direction of the Dean and the head of the department concerned. Inquiries should be addressed to the Registrar of the Medical School unless otherwise indicated by correspondence.

Fees for special and intensive courses are decided by the Dean in co-operation with the head of the department in which the instruction is provided.

If a postgraduate student registers for the full academic year, the tuition fee is \$500. For the calendar year of 12 months it is \$666.66 or \$55.55 per month.

**By individual contracts only with Veterans Administration.

SCHOOL OF MEDICINE

REGISTER OF STUDENTS

Session September, 1947—June, 1948

The members of the class, as listed below, received the degree of Doctor of Medicine in June, 1948.

NAME	INSTITUTION	HOME ADDRESS
Adams, Hugh Robert, B.A.,	Vanderbilt University, 1942	Woodbury, Tenn.
Adams, Robert Walker, Jr.		Savannah, Ga.
Bauer, Frank Michael, Jr., B.A.,	Vanderbilt University, 1945	Little Rock, Ark.
Bondurant, John Connelly, B.A.,	Westminster College, 1942	Springfield, Mo.
Bruny, Stephen J. A., B.S.,	University of Arkansas, 1946	Toledo, Ohio
Cameron, Charles Metz, Jr.		Knoxville, Tenn.
Cole, Richard King, Jr., B.S.,	University of Florida, 1944	Orlando, Fla.
Conners, James Joseph, B.A.,	Vanderbilt University, 1945	Nashville, Tenn.
Copelan, Herschel Lipman, B.A.,	Vanderbilt University, 1945	Chattanooga, Tenn.
Crittenden, W. Cunningham, B.A.,	Washinton & Lee, 1944	Birmingham, Ala.
Davis, Josh Daniel		Gordo, Ala.
DeTurk, William Ernest, Ph. D.,	Duke University, 1940	Champaign, Ill.
Dunsford, Ensor R., Jr.		Jacksonville, Fla.
Eskind, Irwin Bernard, B.A.,	Vanderbilt University, 1945	Nashville, Tenn.
Ewers, Ernest William, B.A.,	Vanderbilt University, 1946	Somerset, Ky.
Frank, Randolph Adams		Nashville, Tenn.
Goldner, Fred, Jr., B.A.,	Vanderbilt University, 1945	Nashville, Tenn.
Graves, Herschel A., Jr., B.A.,	Vanderbilt University, 1945	Nashville, Tenn.
Graves, Joseph Wilburn, B.A.,	Vanderbilt University, 1945	Nashville, Tenn.
Hall, William Henry, B.A.,	Vanderbilt University, 1945	Wrigley, Tenn.
Hibbitts, William McCartney, B.A.,	Vanderbilt University, 1944	Texarkana, Texas
Holland, Hubert Rex		Sunflower, Miss.
Holland, William Cannon, Jr., B.A.,	Vanderbilt University, 1944	Florence, Ala.
Howard, William Kawood, B.A.,	Vanderbilt University, 1946	Louellen, Ky.
Inman, William Oliver, Jr., B.A.,	Vanderbilt University, 1945	Paris, Tenn.
Johnson, Ira Thomas, Jr., B.A.,	Lambuth College, 1945	Jackson, Tenn.
Jones, Milnor, B.A.,	Vanderbilt University, 1945	Athens, Tenn.
Jones, Richard Earle, Jr., B.A.,	Vanderbilt University, 1945	Anniston, Ala.
King, Rice Taylor, B.A.,	Vanderbilt University, 1945	Baltimore, Md.
Lasater, Gene Martin, B. A.,	Vanderbilt University, 1945	Paris, Tenn.
Lawson, Albert Robert, B. A.,	Vanderbilt University, 1946	Smith's Station, Ala.
Long, Ira Morris, B.A.,	Vanderbilt University, 1945	Chattanooga, Tenn.
McVickar, David Langston, Ph. D.,	Harvard College, 1940	Nashville, Tenn.
Mobley, Jack Ervin, B.S.,	University of Arkansas, 1946	Morrilton, Ark.
Neal, Robert Ford, B.A.,	Vanderbilt University, 1945	Elmwood, Tenn.
Nichols, John Alan		Miami, Fla.
Norton, Ethelbert G.		Birmingham, Ala.
Parrish, Thomas Franklin, B.A.,	Vanderbilt University, 1945	Fulton, Ky.
Payne, William Faxon, B.A.,	Vanderbilt University, 1945	Hopkinsville, Ky.
Phillips, Carey William, Jr., B.S.,	Howard College, 1945	Birmingham, Ala.
Pickard, Raleigh H., B.A.,	Vanderbilt University, 1944	McKenzie, Ala.
Plitman, Gerald Ira, B.A.,	Vanderbilt University, 1945	Clarksdale, Miss.
Riley, Harris DeWitt, Jr., B.A.,	Vanderbilt University, 1945	Tupelo, Miss.
Riley, Richard Franklin, B. A.,	Vanderbilt University, 1946	Meridian, Miss.
Ross, Peirce, M., B.A.,	Wesleyan University, 1936	Nashville, Tenn.
Sexton, Carlton Lasley		Pensacola, Fla.

VANDERBILT UNIVERSITY

NAME	INSTITUTION	HOME ADDRESS
Seyfried, James Gordon		Salern, Ore.
Shemwell, Frank Allen, B.A.	Vanderbilt University, 1945	Paducah, Ky.
Smith, Leighton Hollis, Jr., B.A.	Vanderbilt University, 1946	Nashville, Tenn.
Spann, William Joseph, B.A.	Vanderbilt University, 1945	Soddy, Tenn.
Sprouse, Daphne, B.A.	Vanderbilt University, 1945	Nashville, Tenn.
Stroup, David Garrison, B.A.	Erskanie College, 1943	Newell, N. C.
Thagard, Roy Frank, B.A.	Vanderbilt University, 1945	Andalusia, Ala.
Wood, Sarah H., Mrs., B.A.	Berea Col., 1934, M.S., Vanderbilt University, 1938	Birmingham, Ala.
Wright, Thomas Whitten, B.A.	Vanderbilt University, 1945	Guntersville, Ala.

The members of the class, as listed below, received the degree of Master of Public Health in June, 1948.

NAME	INSTITUTION	HOME ADDRESS
Deckert, Margot, M. D.	University of Berlin	Cincinnati, O.
Dorbandt, Moss Maxey, M.D.	Baylor School of Medicine	San Antonio, Texas
Golley, Paul M., M.D.	University of Wisconsin School of Medicine	Chattanooga, Tenn.
Gorose y Amarles, Josefina, M.D.	College of Medicine Univ. of Philippines	Manila, P. I.
Jimenez, Consuelo T., M.D.	College of Medicine & Surgery University of St. Thomas	Manila, P. I.
Mangay, Amansia S., M.D.	College of Medicine & Surgery University of Philippines	Manila, P. I.
Mahayni, Mamoun Zeki, M.D.	Arabic Medical School Syrian University	Damascus, Syr.
Tripodi, Donald W., M.D.	St. Louis University School of Medicine	Cairo, Ill.
Vitt, Louis L., M.D.	Loyola Medical School	Canton, Ill.

THIRD YEAR CLASS

Session September, 1947—June, 1948

NAME	INSTITUTION	HOME ADDRESS
Abraham, Emanuel		Arlington, N. J.
Alper, Benjamin Jerome, B.A.	Vanderbilt University, 1946	Chattanooga, Tenn.
Beeler, Robert Verlin, Jr., B.A.	Emory and Henry College, 1946	Knoxville, Tenn.
Blakey, Hubert H., B.S.	Mercer University, 1946	Bradenton, Fla.
Caster, Milton Philip, B.S.	New York University, 1943	New York, N. Y.
Fuqua, William, George, B.A.	Emory & Henry College, 1946	Nashville, Tenn.
Glass, Herbert Lee, B.A.	Vanderbilt University, 1945	Brooklyn, N. Y.
Gotcher, Robert Lee		Fayetteville, Tenn.
Green, George Bliss, B.A.	Vanderbilt University, 1946	Montgomery, Ala.
Green, Richard Eubank, B.A.	Vanderbilt University, 1946	Nashville, Tenn.
Haber, Arnold, Jr., B.A.	University of North Carolina, 1945	Nashville, Tenn.
Hall, Robert MacCallum		Rockport, Mass.
Hamilton, Charles Mitchell		Nashville, Tenn.
Hampton, John Cantrell, Sr. in Absentia	University of Chattanooga	Signal Mtn., Tenn.
Hefner, Lloyd Lee, B.A.	Vanderbilt University, 1946	Ocala, Fla.
Hibbett, B. Kimbrough, III		Nashville, Tenn.
Hobson, John Lewis		Memphis, Tenn.
Hofmeister, Mrs. Elizabeth C., B.A.	Vanderbilt University, 1945	Chattanooga, Tenn.
Hofmeister, Richard Gail		Middlesex, Pa.
Hydrick, Robert Henri, Sr. in Absentia	Univ. of South Carolina	Columbia, S. C.
Jolliff, Charles Corwith, B.A.	Vanderbilt University, 1946	Enka, N. C.
Knutsson, Katherine Hegland, B.S.	North Dakota Agr. College, 1946	Fargo, N. D.

NAME	INSTITUTION	HOME ADDRESS
Kottler, Sidney A., B.A.,	Vanderbilt University, 1946.....	Nashville, Tenn.
Kreider, Franklin Murray.....		Lancaster, Pa.
Kuykendall, Samuel James, B.A.,	Vanderbilt University, 1946.....	Little Rock, Ark.
Lieberman, David Martin.....		San Antonio, Texas
Lohrenz, Francis N.....		Buhler, Kans.
Manier, James Wyche.....		Nashville, Tenn.
McKee, Duncan Malloy.....		Winter Park, Fla.
Merrill, Robert Erle, B.A.,	Tulane University, 1946.....	Birmingham, Ala
Miller, Richard Braun.....		Tucson, Ariz.
Mullins, David Meredith, B.A.,	Vanderbilt University, 1946).....	Mobile, Ala.
Nelson, William Edward, B.S.,	Bowdoin College, 1942.....	Lawrence, Mass.
Newsome, James Frederick, B.A.,	University of North Carolina, 1944.....	Winton, N. C
Peerman, Charles Gordon, B.A.,	Tulane University, 1946.....	Nashville, Tenn.
Perler, George Louis.....		Brooklyn, N. Y.
Phelps, Mary Brewster, B.S.,	University of Kentucky, 1945.....	Cloverport, Ky.
Rainy, Curtis William, B.S.,	Huron College, 1946.....	Huron, S. D.
Robertson, Brison Oakley, Jr., M.S.,	Vanderbilt University, 1942.....	Birmingham, Ala.
Rowe, Charles Roy, Jr., B.S.,	University of North Carolina, 1946.....	Philadelphia, Pa.
Salmon, William Davis, Jr.....		Auburn, Ala.
Shumway, Norman E. Jr.....		Jackson, Mich.
Smith, Edward Rousseau, M.S.,	University of Tennessee, 1937.....	Kingsport, Tenn.
Smith, Marion Lewis.....		Hopkinsville, Ky.
Sugarman, Gilbert Robert, B.A.,	Vanderbilt University, 1946.....	Passaic, N. J.
Thorne, Charles Brooks.....		Palo Alto, Calif.
Towsend, Shirley Evon.....		San Antonio, Texas
Warner, Charles Lloyd, B.S.,	Massachusetts State College, 1945.....	Sylacauga, Ala.
Watson, Alfred Lawrence, B.A.,	Tulane University, 1946.....	Columbus, Miss.
Weiss, Charles Frederick, B.A.,	University of Michigan, 1942.....	South Lyon, Mich.
Wilkins, Charles F., Jr., B.S.,	Ouachita College, 1941.....	Newport, Ark.

SECOND YEAR CLASS

Session September, 1947—June, 1948

NAME	INSTITUTION	HOME ADDRESS
Anderson, Arthur Ray, Jr., B. of C.,	University of Minnesota, 1942.....	St. Paul, Minn.
Anderson, Harvey W., B. A.,	University of Michigan, 1946.....	Astoria, Ore.
Bishop, Eugene Lindsay, Jr., Sr. in Absentia,	Vanderbilt University.....	Chattanooga, Tenn.
Bratton, Edgar Keene, B.A.,	Vanderbilt University, 1947.....	LaFayette, Tenn.
Brawner, Pembroke A., Sr. in Absentia,	Vanderbilt University.....	San Francisco, Calif.
Brown, Mark, B.S.,	University of Miami, 1946.....	Miami, Fla.
Cecil, Henry Shuford, B.A.,	Wofford College, 1942.....	Spartanburg, S. C.
Cheatham, William Joseph, B.A.,	Vanderbilt University, 1947.....	Jackson, Tenn.
Cleveland, Willim West, B.S.,	Harvard University, 1943.....	Carthage, Tenn.
Dubuisson, Ray Leonard, B.S.,	Mississippi State College, 1942.....	Long Beach, Miss.
Foreman, Howard Ray, Sr. in Absentia,	Vanderbilt University.....	Nashville, Tenn.
Glover, John Powell, Jr., B.A.,	Union University, 1939.....	Ashland, City, Tenn.
Haden, Halcott Townes, B.S.,	University of South Carolina, 1946.....	Greenville, S.C.
Hall, Thomas Milton, B.S.,	Utah State Agricultural College, 1941.....	Nephi, Utah
Headrick, William Louis, B.S.,	Tennessee Tech., 1943.....	Oakdale, Tenn.
Hodgins, Thomas Earl, Jr., B.S.,	Alabama Polytechnic Institute, 1946.....	Jacksonville, Fla.
Hoffman, Norman Nathan, B.A.,	Texas Christian University, 1946.....	Los Angeles, Calif.
Howard, Carolyn Saunders, B.S., M.A.,	Peabody College, 1944, 1945.....	Glasgow, Ky.
Kirkman, Caswell M.T., Jr., B.A.,	University of the South, 1943.....	Helena, Ark.

VANDERBILT UNIVERSITY

NAME	INSTITUTION	HOME ADDRESS
Kochtitzky, Otto Morse		Columbus, Miss.
Lawrence, John Charles, B.S., University of South Carolina, 1943		Effingham, S. C.
Lawwill, Stewart, Jr., B.A., Vanderbilt University, 1947		Lookout Mtn., Tenn.
Lefcoe, Neville Montifiore, B.S., McGill University, 1946		Westmount, Quebec
Lindsay, John Paul, B.S., Peabody College, 1940		Nashville, Tenn.
Lian, Robert Joseph, B.A., Vanderbilt University, 1946		Birmingham, Ala.
Lovell, Marion Joanne, B.A., Tusculum College, 1946		Centerville, Tenn.
McIlhany, Mary Lou, M.A., University of Chicago, 1944		Wheeler, Texas
Meeks, Edwin Allen, B.S., Union College, 1946		Knoxville, Tenn.
Morrow, Clarence Stanley, B.A., Vanderbilt University, 1946		Columbia, Tenn.
Murray, Francis Menard, B.A., Holy Cross College, 1943		Nashville, Tenn.
Pascoe, Sam Chapman, B.A., Vanderbilt University, 1946		Bowling Green, Ky.
Petty, David Gordon, B.S., Cumberland University, 1941		Carthage, Tenn.
Richardson, Margie J., B.A., Vanderbilt University, 1947		Nashville, Tenn.
Ridings, Gus Ray, B.S., Arkansas State College, 1937		Kennett, Mo.
Schulman, Herbert Julius, B.A., Vanderbilt University, 1947		Nashville, Tenn.
Simms, Emily Merle, B.A., Vanderbilt University, 1947		Huntsville, Ala.
Smith, Joseph Kent, B.S. & D.D.S., College of Phys & Surgs., 1946		Bakersfield, Calif.
Stahlman, Gray E. B., B.A., Vanderbilt University, 1943		Nashville, Tenn.
Steele, Richard Laban, B.E., Vanderbilt University, 1939		Nashville, Tenn.
Stephenson, Samuel E., Jr., B.S., University of South Carolina, 1946		Bristol, Tenn.
Stuntz, Richard Clark, B.A., University of Iowa, 1942		Nashville, Tenn.
Tarpley, Horton Earl, B.S., Middle Tennessee State College, 1942		Nashville, Tenn.
Tomson, Nathaniel Charles, B.S., Florida Southern College, 1941		St. Petersburg, Fla.
Triplett, Beverly Jeanne, B.A., Vanderbilt University, 1946		Amarillo, Texas
Vaden, Otis Lynn, B.A., University of Texas, 1946		Temple, Texas
Veller, Margaret Paxton, B.A., Vanderbilt University, 1947		Natchez, Miss.
Webster, Hugh Martin, B.A., University of Virginia, 1946		Huntsville, Ala.
Williamson, Robert James, B.A., Vanderbilt University, 1946		Columbia, Tenn.
Zuckerman, Joseph Israel, B.A., Vanderbilt University, 1947		Hughes, Ark.

FIRST YEAR CLASS

Session September, 1947—June, 1948

NAME	INSTITUTION	HOME ADDRESS
Beam, Lewis Rockwell, Jr., B.S., Furman University, 1947		Asheville, N. C.
Betts, Charles Samuel, Sr. in Absentia, Vanderbilt University		El Dorado, Ark.
Bowman, John Roselius, B.A., Earlham College, 1947		Richmond, Ind.
Boyd, Joe Whitfield, B.A., University of Oklahoma, 1947		Tulsa, Okla.
Cassell, Norman Morton, B.S., University of Chattanooga, 1943		Chattanooga, Tenn.
Chenault, Sidney Blair, B.S., University of Alabama, 1947		Decatur, Ala.
Clariday, John Marshall, B.A., Vanderbilt University, 1947		Dixon Springs, Tenn.
Coles, John Howard, III, Sr. in Absentia, Vanderbilt University		Nashville, Tenn.
Collins, Robert Deaver, Sr. in Absentia, Vanderbilt University		Monterey, Tenn.
Dale, Alice Beck, Sr. in Absentia, Vanderbilt University		Columbia, Tenn.
Elliott, Doris Evelyn, Sr. in Absentia, University of Kentucky		Covington, Ky.
Ellzey, Paul Conious, Sr. in Absentia, Vanderbilt University		Jackson, Miss.
Fish, Marvin, B.A., Vanderbilt University, 1947		Hillsboro, Tenn.
Greenlee, William Purdy, Sr. in Absentia, Vanderbilt University		Charleston, W. Va.
Greer, Clifton E., Jr., B.A., Vanderbilt University, 1947		Nashville, Tenn.
Gyland, Stephen Paul, B.S., University of North Carolina, 1947		Tampa, Fla.
Henshaw, Joe Hampton, Sr. in Absentia, University of Chattanooga, Chattanooga, Tenn.		
Hines, Benjamin Harrison, B.A., Lincoln Memorial University, 1941		Jonesville, Va.
Holladay, Bertie Leon, Sr. in Absentia, Vanderbilt University		Nashville, Tenn.

NAME	INSTITUTION	HOME ADDRESS
Holland, Harold Edward, B.A.,	Harding College, 1945.....	Nashville, Tenn.
Huddlestone, Chas. Howard, Sr. in Absentia,	Vanderbilt University.....	Nashville, Tenn.
Huddlestone, Sam Winston, III, Sr. in Absentia,	Vanderbilt University.....	Nashville, Tenn.
James, David Hamilton, Sr. in Absentia,	Vanderbilt University.....	Memphis, Tenn.
King, Morris Kenton, B.A.,	University of Oklahoma, 1947.....	Oklahoma City, Okla.
Koslin, Allen Jesse, B.A.,	Vanderbilt University, 1947.....	Jamaica, N. Y.
Koulicher, Nina, B.A.,	Hunter College, 1947.....	New York, N. Y.
Levitan, Phillip Israel, Sr. in Absentia,	Vanderbilt University.....	Nashville, Tenn.
Malcolm, Henry Ehrlicher, B.A.,	Vanderbilt University, 1947.....	Peoria, Ill.
Marks, Charles Henry, B.S.,	University of Florida, 1947.....	Albany, Ga.
McCall, Nancy Stokes, Sr. in Absentia,	Vanderbilt University.....	Nashville, Tenn.
Moore, Robert Horton, Jr., B.A.,	Vanderbilt University, 1947.....	Jonesboro, Ark.
Pennington, Jeff Cumley, Jr., Sr. in Absentia,	Vanderbilt University.....	Brentwood, Tenn.
Pennington, Thomas Guy, Sr. in Absentia,	Vanderbilt University.....	Brentwood, Tenn.
Pipkin, Billy Moore, Sr. in Absentia,	Middle Tenn. State College.....	Lafayette, Tenn.
Pualwan, Fawzi, B.A.,	Vanderbilt University, 1947.....	Beirut, Lebanon
Schlant, Robert Carl, Sr. in Absentia,	Vanderbilt University.....	Atlanta, Ga.
Speed, Louis Elliott, B.A.,	Yale College, 1942.....	Sayre, Okla.
Spencer, Robert Walker, B.A.,	Vanderbilt University, 1947.....	Nashville, Tenn.
Suber, Roy Bonds, B.S.,	Davidson College, 1942.....	Whitmire, S. C.
Sundermann, Richard Henry, B.A.,	University of Nebraska, 1947.....	Seward, Nebr.
Talley, Nathaniel Henry, Jr., Sr. in Absentia,	W. Ky. St. Tea. Coll.....	Princeton, Ky.
Tinkler, William Phillips, B.A.,	Ersine College, 1947.....	York, S. C.
Travis, David Monroe, B.A.,	Vanderbilt University, 1947.....	Nashville, Tenn.
Trawick, Zachary Taylor, B.S.,	Alabama Polyt. Institute, 1947.....	Montgomery, Ala.
Troutt, James Robert, Jr., Sr. in Absentia,	Vanderbilt University.....	Gallatin, Tenn.
Turner, Gordon Hie, Sr. in Absentia,	Vanderbilt University.....	Nashville, Tenn.
Turner, Samuel Roland, Sr. in Absentia,	Vanderbilt University.....	Nashville, Tenn.
West, John Thomas, B.S.,	University of Michigan, 1946.....	Live Oak, Fla.
Williamson, Felix Earl, Jr., B.A.,	University of Virginia, 1947.....	Jackson, Tenn.
Winokur, Paul Arthur, Sr. in Absentia,	Vanderbilt University.....	Jersey City, N. J.
Wright, Gottrell Hoyt, Sr. in Absentia,	Vanderbilt University.....	Merigold, Miss.
Zbar, Marcus Jacobs, Sr. in Absentia,	College of Charleston.....	Tampa, Fla.

POSTGRADUATE STUDENTS

1947-1948

JULY, 1947—JUNE, 1948

SCHOOL OF MEDICINE

MARTIN, RAYMOND S. JR. Jackson, Miss.
M.D., Vanderbilt University, 1945

SCHOOL OF PUBLIC HEALTH

DECKERT, MARGOT..... Cincinnati, O.
M.D., University of Berlin, 1936

DORBANDT, MOSS MAXEY..... San Antonio, Tex.
M.D., Baylor School of Medicine, 1931

GOLLEY, PAUL M..... Chattanooga, Tenn.
M.D., University of Wisconsin School of Medicine, 1933

GOROSPE Y AMARLES, JOSEFINA.....	Manila, P. I.
M.D., University of Philippines College of Medicine, 1938	
JIMENEZ, CONSUELO T.....	Manila, P. I.
M.D., University of St. Thomas College of Medicine & Surgery, 1937	
MAHAYNI, MAMOUN ZEKI.....	Damascus, Syr.
M. D., Aribic Medical School Syrian University, 1939	
MANGAY, AMANSIA S.....	Manila, P. I.
M.D., University of Philippines College of Medicine & Surgery, 1939	
TRIPODI, DONALD W.....	Cairo, Ill.
M.D., St. Louis University School of Medicine, 1928	
VITT, LOUIS L.....	Canton, Ill.
M.D., Loyola Medical School, 1923	

INTERNSHIPS AND APPOINTMENTS

CLASS OF JUNE, 1948

ADAMS, HUGH.....	Nashville, Tenn.
Vanderbilt University Hospital, Dept. of Anatomy	
ADAMS, ROBERT WALKER, JR.....	Chicago, Ill.
Wesley Memorial Hospital	
BAUER, FRANK MICHAEL, JR.....	Rochester, N. Y.
Strong Memorial Hospital	
BONDURANT, JOHN CONNELLY.....	Nashville, Tenn.
Nashville General Hospital	
BRUNY, STEPHEN JOHN ANTHONY.....	Columbus, O.
Starling Loving Hospital	
CAMERON, CHARLES METZ, JR.....	New Orleans, La.
U. S. Marine Hospital	
COLE, RICHARD KING, JR.....	Baltimore, Md.
Blatimore City Hospital	
CONNERS, JAMES JOSEPH.....	Nashville, Tenn.
St. Thomas Hospital	
COPELAN, HERSCHEL LIPMAN.....	New York, N. Y.
New York Hospital	
CRITTENDEN, WILLIAM CUNNINGHAM.....	Valhalla, N. Y.
Grasslands Hospital	
DAVIS, JOSH DANIEL.....	Fairfield, Ala.
Tennessee Coal, Iron and Railroad Company Hospital	
DE TURK, WILLIAM ERNEST.....	Nashville, Tenn.
Vanderbilt University Hospital	
DUNSFORD, ENSOR RUBIDGE, JR.....	Jacksonville, Fla.
Duval County Hospital	
ESKIND, IRWIN BERNARD.....	Boston, Mass.
Boston City Hospital	

- EWERS, ERNEST WILLIAM.....Grand Rapids, Mich.
Butterworth Hospital
- FRANK, RANDOLPH ADAMS.....Miami, Fla.
Jackson Memorial Hospital
- GOLDNER, FRED, JR.....Atlanta, Ga.
Piedmont Hospital
- GRAVES, HERSCHEL ANDERSON, JR.....Nashville, Tenn.
Vanderbilt University Hospital
- GRAVES, JOSEPH WILBURN.....Baltimore, Md.
Baltimore City Hospital
- HALL, WILLIAM HENRY.....New York, N. Y.
New York Hospital
- HIBBITTS, WM. McCARTNEY.....St. Louis, Mo.
St. Luke's Hospital
- HOLLAND, HUBERT REX.....Dallas, Tex.
Baylor University Hospital
- HOLLAND, WILLIAM CANNON, JR.....Nashville, Tenn.
Vanderbilt University Hospital, Dept. of Pharmacology
- HOWARD, WILLIAM KAWOOD.....Fairfield, Ala.
Tennessee Coal, Iron and Railroad Company Hospital
- INMAN, WILLIAM OLIVER, JR.....Nashville, Tenn.
St. Thomas Hospital
- JOHNSON, IRA THOMAS, JR.....Nashville, Tenn.
Vanderbilt University Hospital
- JONES, MILNOR.....Atlanta, Ga.
Grady Memorial Hospital
- JONES, RICHARD EARLE, JR.....Nashville, Tenn.
St. Thomas Hospital
- KING, RICE TAYLOR.....Baltimore, Md.
Baltimore City Hospital
- LASATER, GENE MARTIN.....Minneapolis, Minn.
University of Minnesota Hospital
- LAWSON, ALBERT ROBERT.....Charleston, S. C.
Roper Hospital
- LONG, IRA MORRIS.....Nashville, Tenn.
St. Thomas Hospital
- MCVICKAR, DAVID LANGSTON.....Nashville, Tenn.
Vanderbilt University Hospital, Dept. of Pathology
- MOBLEY, JACK ERVIN.....Oklahoma City, Okla.
St. Anthony Hospital
- NEAL, ROBERT FORD.....Bethesda, Md.
National Naval Medical Center
- NICHOLS, JOHN ALAN.....New York, N. Y.
New York Hospital

PARRISH, THOMAS FRANKLIN St. Thomas Hospital	Nashville, Tenn.
PAYNE, WILLIAM FAXON Vanderbilt University Hospital	Nashville, Tenn.
PHILLIPS, CAREY WILLIAM, JR. Tennessee Coal, Iron and Railroad Company Hospital	Fairfield, Ala.
PICKARD, RALEIGH HENRY Nashville General Hospital	Nashville, Tenn.
PLITMAN, GERALD IRA Michael Reese Hospital	Chicago, Ill.
RILEY, HARRIS DEWITT, JR. Baltimore City Hospital	Baltimore, Md.
RILEY, RICHARD FRANKLIN University of Virginia Hospital	Charlottesville, Va.
ROSS, PEIRCE MAXWELL Vanderbilt University Hospital	Nashville, Tenn.
SEXTON, CARLTON LASLEY Johns Hopkins Hospital	Baltimore, Md.
SEYFRIED, JAMES GORDON Vanderbilt University Hospital	Nashville, Tenn.
SHEMWEEL, FRANK ALLEN Charity Hospital of Louisiana	New Orleans, La.
SMITH, LEIGHTON HOLLIS, JR. Nashville General Hospital	Nashville, Tenn.
SPANN, WILLIAM JOSEPH Jackson Memorial Hospital	Miami, Fla.
SPROUSE, DAPHNE Church Home and Hospital	Baltimore, Md.
STROUP, DAVID GARRISON Vanderbilt University Hospital	Nashville, Tenn.
THAGARD, ROY FRANK University of Virginia Hospital	Charlottesville, Va.
WOOD, SARAH HAMILTON Vanderbilt University Hospital	Nashville, Tenn.
WRIGHT, THOMAS WHITTEN University of Chicago Clinics	Chicago, Ill.

PRIZES, SCHOLARSHIPS AND MEDALS

FOR THE YEAR 1947-1948

HONORS

FOUNDER'S MEDAL FOR SCHOLARSHIP

School of Medicine.....GERALD IRA PLITMAN.....Clarksdale, Miss.

BEAUCHAMP SCHOLARSHIP

Endowed, and awarded in the School of Medicine in the
Department of Neurology.

HUGH ROBERT ADAMS.....Woodbury, Tenn.

BORDEN UNDERGRADUATE RESEARCH AWARD IN MEDICINE

Awarded for the most meritorious undergraduate research
in the medical field.

WILLIAM ERNEST DE TURK.....Urbana, Ill.

ALBERT AND MARY LASKER AWARD

Awarded for the best clinical history taken by an
undergraduate student in Medicine.

Not awarded in 1948

ALPHA OMEGA ALPHA

Scholarship Society of the School of Medicine

FOURTH-YEAR CLASS

Bauer, Frank Michael, Jr.....	Little Rock, Ark.
De Turk, William Ernest.....	Urbana, Ill.
Lasater, Gene Martin.....	Paris, Tenn.
Payne, William Faxon.....	Hopkinsville, Ky.
Plitman, Gerald Ira.....	Clarksdale, Miss.
Sexton, Carlton Lasley.....	Pensacola, Fla.
Seyfried, James Gordon.....	Coopersburg, Pa.
Wood, Sarah Hamilton.....	Birmingham, Ala.
Wright, Thomas Whitten.....	Guntersville, Ala.

THIRD-YEAR CLASS

Lieberman, David Martin.....	San Antonio, Tex.
Phelps, Mary Brewster.....	Cloverport, Ky.
Salmon, William Davis, Jr.....	Auburn, Ala.

SCHEDULE OF COURSES

For Dates See Calendar, Page 4

Beginning with the year of 1948-1949 certain alterations in the schedule of work in the School of Medicine have been introduced. Changes are planned for the third trimester of the second year which are yet to be announced, although the former schedule is herewith shown. In the third year opportunities have been provided for clinical clerkships in Medicine and Surgery at Thayer General Hospital.

In the fourth year, in the time unspecified in the accompanying schedule, students will be assigned in groups in rotation to the several clinical departments for definite periods. The details of these assignments will be furnished by the specific departments.

An elective month is provided each group and students should consult individual faculty members for opportunities in elective fields not listed as formal courses in the catalogue.

SCHEDULE OF COURSES
FOR DATES SEE CALENDAR, PAGE 4
FIRST YEAR—FIRST SEMESTER

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8:30-11:30	Gross Anatomy	Gross Anatomy	Gross Anatomy	Gross Anatomy	Gross Anatomy	Gross Anatomy
11:30-12:30		Gross Anatomy	*Psychobiology	Histology		
1:30-2:30			Military Science		Neurology	
2:30-3:30			**Library			
3:30-4:30	Histology	Histology		Gross Anatomy		

*Eleven lectures.

**One library lecture the first Wednesday after instruction begins.

FIRST YEAR—SECOND SEMESTER

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8:30-9:30	Biochemistry	Physiology	Biochemistry	Physiology	Biochemistry	Physiology
9:30-12:30	Biochemistry	Physiology	Biochemistry	Physiology	Biochemistry	Physiology
1:30-2:30			Military Science			
2:30-4:30	Biochemistry	Physiology		Physiology	Biochemistry	

SECOND YEAR—FIRST TRIMESTER

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8:30-11:30	Pathology	Pathology	Pathology	Pathology	Pathology	Bacteriology
11:30-12:30	Bacteriology		Bacteriology		Bacteriology	
1:30-2:30		Military Science				
2:30-3:30	Bacteriology		Bacteriology	*Medical Statistics	Bacteriology	
3:30-4:30						

*This course ends one week prior to the end of the trimester.

SECOND YEAR—SECOND TRIMESTER

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8:30-10:30	Neurology	Pathology	Pharmacology	Neurology	Pathology	Pathology
10:30-11:30						
11:30-12:30	Pharmacology			Pharmacology		Pharmacology
1:30-2:30	Pathology	Clinical Pathology	Pharmacology	Military Science	Clinical Pathology	
2:30-4:30						

SECOND YEAR—THIRD TRIMESTER

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8:30-9:30	Introduction to Surgery	Optional*	Introduction to Surgery	Optional*	Physical Diagnosis in Surgery	Introduction to Surgery
9:30-10:30	Parasitic Diseases					
10:30-11:30						
11:30-12:30		Medical Clinic		Military Science		
1:30-2:30	Physical Diagnosis		Physical Diagnosis		Physical Diagnosis	
2:30-4:30	Clinical Pathology					

*Students must take Applied Anatomy or substitute an equivalent elective.

SCHEDULE OF THIRD-YEAR CLASS

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8:00-11:00	Terms: (Fall) Groups A Groups C Groups B	(Winter) (Spring) B C A B C A	Medical Ward Work (Thayer Hospital) Surgical Ward Work (Thayer Hospital) (1) One half group—Pediatrics (2) One half group—Obstetrics			
11:00-12:00		Obstetrics (V. U. Hosp.)				
1:00-2:00		Group A, B & C Clinic V. U. Hosp. Med. & Surg.			Groups A, B & C (V. U. Hosp.) Obstetrics (S)	
2:00-3:00					Neurology (F. & W.) Dermatology(S)	
3:00-4:00		Surgical			Psychiatry (F&W) Pediatrics (S)	
4:00-5:00		Pathology			CPC	

Note: Groups A, B & C represent one-third of the class. The table in the upper half indicates the pattern of rotation of groups. F. W. & S. indicate respectively Fall, Winter and Spring terms.

SCHEDULE OF FOURTH-YEAR CLASS

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8:00-9:00	Ped. (F) Ped. (W) Radiol. (S)	Med. & Surg. (clinic) alternating	Ophthalmol.(F) (W) Urology (S) each 16 wks.	Prev. Med. (F) Prev. Med. (W) Prev. Med. (S)	Orthoped. (F) Surg.(Eve) (W) Otolaryn. (S)	Gyn. (F) Gyn. (W) Med. Jurisprud. (S)
9:00-10:00						Pediatrics (clinic) ³
10:00-11:00						Medicine (clinic) ³
11:30-12:30 (Sat. only)						Surgery (clinic) ³
1:00-2:00		Medicine & Surgery (clinic) ² alternating			Obstetrics & Gynecology ¹	
4:00-5:00					CPC	

1-Spring term, 3rd and 4th year classes meet together.

2-3rd and 4th year classes meet together.

3-2nd year class to attend clinics (Ped., Med., Surg.) on Saturday during spring quarter.

Note:1-Fourth year class to be divided into 8 groups, rotating with two groups on Medicine and two on Surgery, one group on Pediatrics, Gynecology and Psychiatry and one elective.
Medicine and Surgery occupy two months each, the others one month each.

II-Each department to arrange the details of its schedule for group assigned within the time available in non-scheduled hours. The entire class attends lectures and clinics.