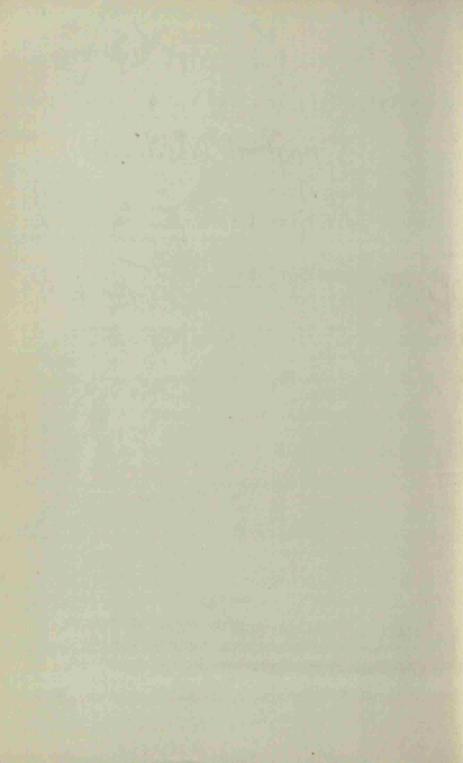
1950-51 CATALOGUE

VANDERBILT UNIVERSITY School of Medicine

Containing the register of students for the 1949-50 session, general information, courses of study, and appointments for the 1950-51 session, corrected to August 1, 1950, Nashville, Tennessee.



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CALENDAR

JULY 1, 1950 - JUNE 30, 1951

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CALENDAR OF SCHOOL ACTIVITIES

1950-1951

Sept. 25 and 26, Monday	
	Registration. Assembly of all students at 11 A.M., Tuesday.
Sept. 27, Wednesday	Instruction begins.
Nov. 23, Thursday	A holiday. Thanksgiving Day.
Dec. 12, Tuesday	First trimester ends.
Dec. 13, Wednesday	Second trimester begins.
Dec. 20, Wednesday	Christmas vacation begins at 5:00 P.M.
Jan. 2, Tuesday	.Instruction resumed.
Jan. 30, Tuesday	First semester (First Year) ends.
Jan. 31, Wednesday	Second semester (First Year) begins.
March 9, Friday	Second trimester ends.
March 10, Saturday	Third trimester begins.
May 2, Wednesday	A holiday. Founder's Day.
May 25, Friday	Third trimester ends.
May 26, Saturday	Examinations begin.
June 8 and 9, Friday and Saturday	Annual meeting of the Board of Trust.
June 9, Saturday	
June 10, Sunday	Commencement Day. Graduation Exercise

at 5:30 P. M.

VANDERBILT UNIVERSITY

SCHOOLS AND DEGREES

Vanderbilt University comprises a College of Arts and Science and the following schools:

Graduate School

School of Law

School of Medicine

School of Nursing

School of Engineering

School of Religion

School of Social Work (affiliated)

Information concerning each school may be secured from the Dean of the School.

DEGREES

The degrees granted are as follows:

IN THE GRADUATE SCHOOL

Master of Arts, M.A.

Doctor of Philosophy, Ph.D.

Master of Science, M.S.

M.S. in Social Work

IN THE COLLEGE OF ARTS AND SCIENCE

Bachelor of Arts, B.A.

IN THE PROFESSIONAL SCHOOLS

Bachelor of Engineering, B.E.

Bachelor of Divinity, B.D.

Civil Engineer, C.E.

Bachelor of Laws, LL.B.

Mechanical Engineer, M.E.

Doctor of Medicine, M.D.

Chemical Engineer, Ch.E.

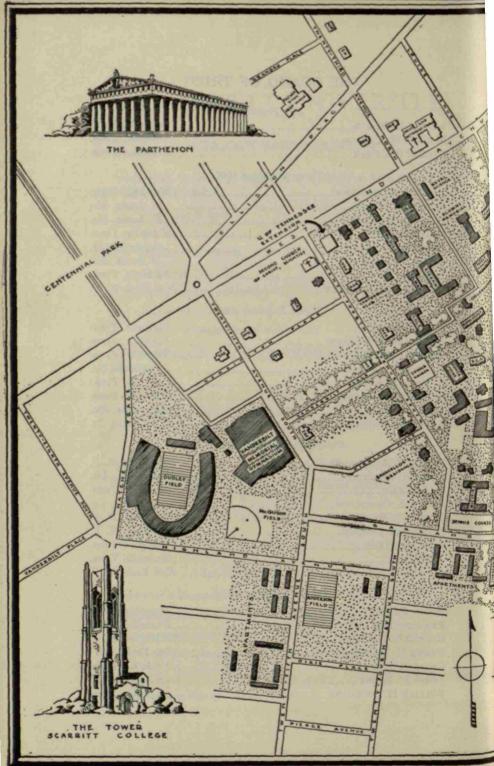
B; S. in Nursing

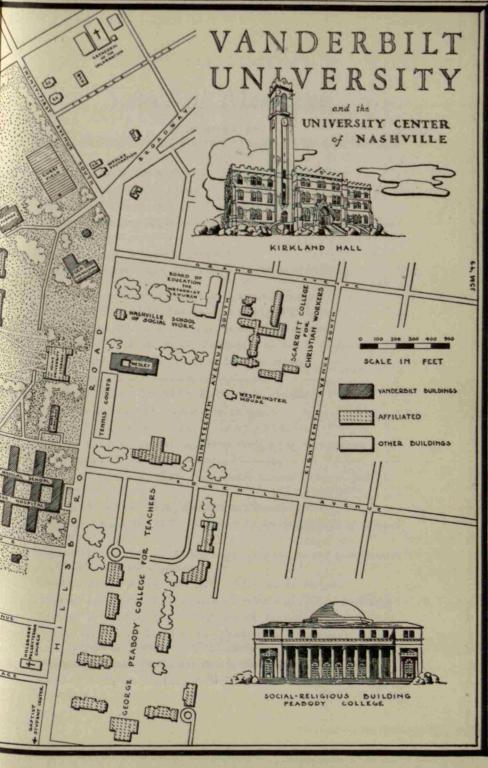
Electrical Engineer, E.E.

No honorary degrees are conferred.

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MARVIN McTyeire Cullom, Chief Consultant Guy M. Maness, Chief of Clinic

ASSOCIATE VISITING SURGEONS

Morris Adair J. Thomas Bryan LEE FARRAR CAYCE
HERBERT DUNCAN

WILLIAM G. KENNON, JR.

Dental Surgery

ROBERT B. BOGLE, Chief of Clinic

ASSOCIATE VISITING SURGEONS

JAMES B. BAYLOR

E. THOMAS CARNEY

MAX V. SIGAL

PEDIATRICS

AMOS CHRISTIE, Pediatrician-in-Chief VISITING PEDIATRICIANS

JOHN M. LEE JAMES C. OVERALL J. CYRIL PETERSON WILLIAM O. VAUGHAN

ASSOCIATE VISITING PEDIATRICIANS

O. RANDOLPH BATSON
LINDSAV K. BISHOP
HEARN G. BRADLEY
T. FORT BRIDGES
PHILIP C. ELLIOTT
HARRY M. ESTES
SOL L. LOWENSTEIN
DAN S. JR.
JOE M. STRAYHORN
ETHEL WALKER
THOMAS S. WEAVER
ERLE E. WILKINSON

ASSISTANT VISTING PEDIATRICIAN
WILLIAM D. DONALD

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 SAM C. COWAN MILTON S. LEWIS G. SYDNEY McCLELLAN

ASSOCIATE VISITING OBSTETRICIANS

JOSEPH D. ANDERSON
RICHARD O. CANNON, II
JOHN SMITH CAYCE
SAM C. COWAN, JR.
RAPHAEL S. DUKE
HAMILTON GAYDEN
ROY W. PARKER
ROBERT C. PATTERSON, JR.

SIDNEY C. REICHMAN
WILLIAM D. SUMPTER, JR.
ARTHUR SUTHERLAND
WILLARD O. TIRRILL, JR.
ALLEN E. VAN NESS
THOMAS F. WARDER
PAUL L. WARNER
CLAIBORNE WILLIAMS

EDWIN LEA WILLIAMS

Gynecology

CLAIBORNE WILLIAMS, Chief of Gynecological Clinic

VISITING GYNECOLOGIST G. SYDNEY McCLELLAN

ASSOCIATE VISITING GYNECOLOGISTS

JOSEPH D. ANDERSON
D. SCOTT BAYER
RICHARD O. CANNON, II
SAM C. COWAN, JR.
RAPHAEL S. DUKE
HAMILTON GAYDEN
ROLAND LAMB
CARL S. McMurray

ROY W. PARKER
DOUGLAS SEWARD
WILLIAM D. SUMPTER, JR.
ARTHUR SUTHERLAND
WILLARD O. TIRRILL, JR.
HARLIN TUCKER
THOMAS F. WARDER
EDWIN LEA WILLIAMS

^{*}Emeritus.

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 cooperation.

At this time the directors of the Galloway Memorial Hospital deeded to the University its unfinished hospital building located adjacent 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 cooperation 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 coordinated.

In the spring of 1929, the General Education Board made a dona tion 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 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 apapproximately 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 Gyncology, 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 the office of the Dean of the School of Medicine.

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 the newborn nursery which includes facilities for the care of premature babies.

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

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 contains the entrance to the Hospital and its administrative offices, the Department of Psychiatry, the main cafeteria and kitchens, and on the top floor two wards, one for psychiatric patients and the other a private pavilion for general services. The Hospital contains 404 beds, which include 52 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 eoom, 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 advanced students and research workers.

The Hospital consists of thirteen 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; one unit for pediatrics, with subsidiary unit for isolation; one unit for general psychiatric cases; four units for private general cases, and one unit for male and female Negro 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, psychiatry, dentistry, orthopedic surgery, opthalmology, 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 demonstration 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 six air-conditioned operating rooms, one of which is especially designed for urological surgery, 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 clinical privileges at the Nashville General Hospital which has three hundred and fifty ward beds. Vanderbilt University School of Medicine through a Dean's Committee cooperates with Thayer General, a seven hundred bed Veteran's Hospital, and its postgraduate training program and also uses its facilities for undergraduate teaching. 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-two.

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 College Admission Test of the Association of American Medical Colleges should be taken during the year previous to application for admission to the School of Medicine.

MEDICAL COLLEGE ADMISSION 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 about one year in advance of date of entrance at which time the Committee on Admissions begins its consideration of applicants. 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.

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 reexamination 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 reexamination, 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.

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 returned, 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 Vanderbilt Book Store are on a cash basis.

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

Students are required also to provide and to wear clean white laboratory 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 repayment 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.

LIVING ACCOMMODATIONS

Students are not received for less time than one term, and the charge for one week is the same as for the whole term.¹ 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 repayment of room rent or any other regular charges or assessments, and the University will not be liable for the return or refund of same.

ROOMS FOR MEN

A room may be reserved by application to the office of the Dean of Students. A room reservation deposit of \$15.00 is customarily required at the time of reservation. This reservation may be cancelled and deposit recovered only if written application is received one month prior to the opening of the term for which reservation is made.

Rooms may be occupied on the day before the opening of the session and through the last day of the term. Plain furniture is provided by the University. The occupant is responsible for the condition of furniture and room and is charged with all damage.

¹Rental charges are made by the term, which is one third of the regular school year. Any student in the Medical School not returning at the end of the first semester will be entitled to a pro rata refund on rental charges made for the second term.

Single and double rooms are available to students in the graduate and professional schools in Wesley Hall, Barr Hall, Central Hall, and West End. Residents furnish their own sheets, pillow cases, blankets, and towels. All rent is payable in advance by the term at the office of the Bursar.

Wesley Hall—This hall is located adjacent to the east side of the campus. Both single and double rooms are available in this building. The rates for single rooms are \$40.00 and \$45.00 per term; rates for double rooms range from \$37.50 to \$55.00 per term.

Barr Hall—This building is located two blocks off the northeast corner of the campus. Single and double rooms are available. The rates for single rooms are from \$45.00 to \$60.00 per term; double rooms rent for \$45.00 and \$50.00 per term.

Central Hall—This building is located in the center of the campus and is divided into four suites. Each suite accommodates five students. The rental rate is \$45.00 per person per term.

West End—This residence, located on the southwest corner of the campus, is available for the housing of medical students. Both single and double rooms are available. The rental rate is \$45.00 per person per term.

ROOMS FOR FAMILIES

A limited number of efficiency apartments are available for married students who are veterans. Applications may be made in the office of the Dean of Students. Assignments are made on a priority basis by the term. It is understood when assignments are made that an assignee is eligible for occupancy only while enrolled as a student, and that the apartment will be vacated within one week after the occupant ceases to be a student. All residents are requested and expected to give thirty (30) days notice of intention to vacate. The University reserves the right to require occupants to vacate the apartment at any time and for any reason, a reasonable notice having been given

Garland Apartments—Located at 2123 Garland Avenue near the south entrance to the campus, this group of buildings has two types of apartments, the basic and the expanded. The former includes a combination living-sleeping room, a dining-kitchen alcove, a shower bath, and a closet. The expanded unit has an additional bedroom. Fuel for unit heating, cooking, and hot water, electricity for lighting, and the use of furniture are included in the rental prices of \$40.00 and \$50.00 per month, payable in advance.

Highland Apartments—The temporary family housing provided in cooperation with the Federal Public Housing Authority is located on Twenty-fifth Avenue, South, at Highland Avenue near the campus. Apartments with one bedroom rent for \$32.00 per month, those with two bedrooms for \$36.00 per month, payable in advance. The use of furniture, as well as fuel for unit heating, cooking, and hot water, is included in the rental price. The occupant makes his own arrangements with the Nashville Electric Service for electricity for lighting.

In so far as possible students will be assigned to the rooms and apartments that are under University management. A list of rooms and apartments located in the vicinity of the University is maintained in the office of the Dean of Students for those who cannot be accommodated in University housing.

UNIVERSITY DINING FACILITIES

Men students are advised to have their meals in the University Dining Room, located in Kissam Hall, where board is available either by the meal or by the term at reasonable rates. Students are advised to engage board by the term. This may be done at the Bursar's office.

A cafeteria is maintained by the University Hospital and is available to medical students. It is conveniently located in the Hospital building.

A light lunch and canteen service is maintained in the Student Center cafe in Alumni Memorial Hall, as well as at the University Bookstore.

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.

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 \$1,200 to \$1,400.

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 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.

THE G. CANBY ROBINSON AWARD (LASKER FOUNDATION)

Mrs. Albert D. Lasker of the Albert and Mary Lasker Foundation provides a prize of \$250.00 designated The G. Canby Robinson Award (Lasker Foundation) for the best clinical history recorded by a third-year student during the year 1950-51. 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.

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.

DR. COBB PILCHER—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. This Fellowship was made available to the University by the late Dr. Pilcher and has been continued by the generosity of his family and friends.

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 Mayo 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, Johns 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
- 1948-1949 Dr. Arnold R. Rich, Professor of Pathology, Johns Hopkins University Medical School
- 1949–1950 Dr. L. H. Newburgh, Professor of Clinical Investigation, Department of Medicine, University of Michigan 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 Flexner 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 Slyke, member of the Rockefeller Institute and Dr. Warfield T. Longcope, Professor of Medicine, Johns Hopkins School of Medicine.

The eight 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 tenth series of lectures was given in the spring of 1949 by Dr. Arvid Wallgren, Professor of Pediatrics, Royal Caroline Medical Institute, Stockholm, Sweden.

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 Genito-Urology, 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 member 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 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
- 1948-1949 Dr. John B. Youmans, Dean of School of Medicine, University of Illinois
- 1949-1950 Dr. Osler A. Abbott, Chief of Thoracic Surgery, Emory University School of Medicine

GLENN A. MILLIKAN MEMORIAL LECTURE

This lectureship was established in 1947 by the members of the then second-year class. It has subsequently received support by means of a capital fund by Dr. Glenn Millikan's father and mother, Dr. Robert A. Millikan and Mrs. Greta B. Millikan, and friends. Contributions will continue to be made to the fund by members of the founding class and other students.

The lectureship is maintained to provide annually or at stated periods a distinguished lecturer in physiology.

The first Glenn A. Millikan Memorial Lecture was given in 1948 by Dr. Homer W. Smith of New York University. The second lecture (1949) was given by Dr. Detlev W. Bronk of Johns Hopkins University. The third lecture (1950) was given by Dr. Wallace O. Fenn, Professor of Physiology, University of Rochester.

THE COBB PILCHER MEMORIAL LECTURE

In 1950 the Pi Chapter of the Phi Chi Medical Fraternity established the Cobb Pilcher Memorial Lecture to honor the memory of Dr. Pilcher, formerly Associate Professor of Surgery, distinguished neurosurgeon and a member of the fraternity. The first Cobb Pilcher Memorial Lecture was given in 1950 by Dr. Percival Bailey of the University of Illinois, College of Medicine.

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 amphitheater. At these meetings papers are presented by the teaching staff, 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 1950-1951 are Dr. William F. Orr. President, and Dr. Barton McSwain, Secretary.

MEDICAL LIBRARY

EILEEN R. CUNNINGHAM, Librarian and Professor of Medical Library Science ELEANOR G. STEINKE, Assistant Librarian MARCELLA GLASGOW, First Assistant JOANNE RYDEN, Assistant 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 textbooks are available as well as many important reference works and bibliographic indexes.

The Library contained on May 1, 1950, 53,634 volumes and received 971 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 contained a total of 567,072 volumes as of May 1, 1950.

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 cooperation 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. This examination is made by the staff of the University Student Health Service. Records of these examinations are kept, and students are advised concerning their physical condition and general health. Facilities of the Student Health Service are available to any student who feels in anyway indisposed. Thomas B. Zerfoss, M.D., is physician to the 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. 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. Definite allotments of time are available in each year for elective work. There is no scheduled work on Saturday afternoon.

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 manifestations of disease under conditions which allow their study with greater facility. The fourth-year students also work more independently, under conditions similar to the actual practice of medicine.

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 Service 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 cooperation 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. 61 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
Mary E. Gray, Assistant Professor of Anatomy
Virgil S. LeQuire, Assistant Professor of Anatomy
Nathaniel Sehorn Shofner, Assistant Professor of Anatomy
J. Jefferson Ashby, Instructor in Anatomy
Albert M. Raymond, Assistant 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-seven hours a week during the first semester of the first year. Dr. Ward and Staff.
- 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. Twelve hours a week during the first trimester of the first year. Dr. Clark, Dr. Gray, and Dr. LeQuire.
- 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. Twelve hours a week for five weeks at the end of the first semester of the first year. Dr. Clark, Dr. Gray and Dr. LeQuire.

- 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. Eight hours a week during the second trimester of the second year. Dr. Ward and Dr. Gray.
- 25. 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.
- 26. 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.
- 50. 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

WILLIAM J. DARBY, Professor of Biochemistry and Head of the Department, and Director of Division of Nutrition

CHARLES SUMMERS ROBINSON, Professor of Biochemistry

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
OSCAR TOUSTER, Assistant Professor of Biochemistry
DORIS H. CLOUET, Instructor in Biochemistry
JOHN G. CONIGLIO, Instructor in Biochemistry
GUILFORD G. RUDOLPH, Instructor in Biochemistry

MAX V. SIGAL, JR., Instructor in Biochemistry

CLAUDE L. YARBRO, JR., Instructor in Biochemistry

MARY ELLEN FERGUSON, Assistant in Biochemistry

R. H. McCluer, 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. 20 hours a week for 16 weeks during the second semester of the first year. Drs. Darby, Robinson, 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. Drs. Darby, Robinson and Staff.
- 24. Research Work in Biochemistry.—Admission to course, hours and credit by arrangement. Drs. Darby, 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 Biochemistry.—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 gives 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.
- 530. Bio-organic Chemistry.—The structural chemistry and metabolic roles of the principal organic constituents of living tissues, with emphasis on vitamins, hormones, and enzyme systems. Prerequisite: Chemistry 422 or permission of the instructor. 3 lectures one term (3). To be offered on alternate years with 531. Fall, Dr. Touster.

531. Fundamentals of Biochemistry.—A basic course for students in the biological sciences. Prerequisite: Chemistry 421 or equivalent. 3 lectures and one three-hour laboratory period (4). To be offered on alternate years with 530. Dr. Touster.

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 HERBERT D. FRIEDLANDER, 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. Prerequisite, first-year course in physiology or its equivalent. Conferences and experiments dealing with phases of special physiology. Tuesday and Thursday afternoons of the first trimester. Dr. Curtis and Staff.
- Research.—Facilities for research may be provided to adequately prepared students. Hours and credit by arrangement. Dr. Curtis and Staff.
- 28. Theory and Use of Radioactive Isotopes.—An introductory course in the theory of radioactive isotopes and a brief survey of applications of the isotopes technique in chemistry, biology, and medicine. By consent of the instructor. One term. (3.)

PATHOLOGY

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

DAVID L. McVickar, Assistant Professor of Bacteriology

ROY C. Avery, Associate Professor of Bacteriology (Director of

Bacteriological and Serological Laboratory, Vanderbilt Hospital)

WILLIAM A. DEMONBREUN, Associate Professor of Clinical Pathology
Stewart Auerbach, Associate Professor of Clinical Pathology
David K. Gotwald, Assistant Professor of Clinical Pathology
John L. Shapiro, Assistant Professor of Pathology
Charles C. Randall, Instructor in Pathology
Frank C. Womack, Instructor in Pathology
Elizabeth M. Adams, Assistant in Pathology
John B. Thomison, 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 fifteen hours of lectures and laboratory work a week during the second trimester of the second year. Dr. Goodpasture, Dr. Shapiro 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. Shapiro 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. The important bacterial, mycotic, and viral infections are considered from the standpoint of etiology, epidemiology, pathogenesis, immunology, and laboratory diagnosis.

Nineteen hours of lectures and laboratory work a week during the first trimester of the second year. Dr. McVickar and Staff.

- 25. 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 and Staff.
- 26. Advanced Work on the General Principles of Immunology.— This course consists of studies related to the fundamental principles of immunology. Hours and credit by arrangement. Dr. McVickar 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, Associate Professor of Pharmacology

WILLIAM C. HOLLAND, Instructor in Pharmacology

JEAN EARLY BROCKMAN, Research Assistant in Pharmacology

CHARLES J. HOBDY, Research Assistant in Pharmacology

THOMAS C. MAYBERRY, 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. Two lectures a week during the second trimester. 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.

MARGARET PEARL MARTIN, Associate 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

FRED W. RYDEN, 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
- R. P. FARRELL, Assistant in Preventive Medicine and Public Health.
- WILLIAM B. FARRIS, Assistant in Preventive Medicine and Public Health

ROBERT M. FOOTE, Assistant in Preventive Medicine and Public Health H. H. Hudson, Assistant in Preventive Medicine and Public Health

W. P. PARKER, Assistant in Preventive Medicine and Public Health

CARL L. SEBELIUS, 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

Louis D. Zeidberg, 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, tabulation 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 four 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 second 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.

3. PREVENTIVE MEDICINE: PRINCIPLES OF PUBLIC HEALTH AND EPI-DEMIOLOGY.—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. Clinical preventive medicine is emphasized in relation to cardiovascular diseases, diabetes, endocrinology, cancer, and the problems of geriatrics are presented. Stress is placed on principles involved in public health administrative practice in relation to the practitioner of medicine.

One lecture each week during the first, second and third 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 fourthyear students will be welcomed in investigative work carried on by members of the Department. Hours and credits to be arranged.

MEDICINE

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

JOHN B. YOUMANS, Professor of Medicine

RUDOLPH H. KAMPMEIER, Associate Professor of Medicine and Director of Postgraduate Training

EDGAR JONES, Associate Professor of Medicine

ANN STONE MINOT, Associate Professor of Biochemistry in Medicine

WILLIAM H. WITT, Professor Emeritus of Clinical Medicine

OVAL N. BRYAN, Associate Professor of Clinical Medicine

WILLIAM R. CATE, Associate Professor of Clinical Medicine

RICHARD FRANCE, Associate Professor of Clinical Medicine

HOLLIS E. JOHNSON, Associate Professor of Clinical Medicine

JOHN OWSLEY MANIER, Associate Professor of Clinical Medicine

W. DAVID STRAYHORN, JR., Associate Professor of Clinical Medicine
ALBERT WEINSTEIN, Associate Professor of Clinical Medicine

JACK WITHERSPOON, Associate Professor of Clinical Medicine

F. TREMAINE BILLINGS, Assistant Professor of Medicine

WILLIAM J. DARBY, Assistant Professor of Medicine in Nutrition

ROBERT H. FURMAN, Assistant Professor of Medicine

GEORGE R. MENEELY, Assistant Professor of Medicine

HARRISON J. SHULL, Assistant Professor of Medicine

BEVERLY T. TOWERY, Assistant Professor of Medicine

THOMAS F. FRIST, Assistant Professor of Clinical Medicine

J. ALLEN KENNEDY, Assistant Professor of Clinical Medicine

EDNA S. PENNINGTON, Assistant Professor of Clinical Medicine

SAMUEL S. RIVEN, Assistant Professor of Clinical Medicine

ROBERT T. TERRY, Assistant Professor of Clinical Medicine

CLARENCE S. THOMAS, Assistant Professor of Clinical Medicine

CLIFFORD TILLMAN, Instructor in Medicine

CRAWFORD W. ADAMS, Instructor in Clinical Medicine

O. A. Couch, JR., Instructor in Clinical Medicine

FREDERIC E. COWDEN, Instructor in Clinical Medicine

RAYMOND R. CROWE, Instructor in Clinical Medicine ROBERT M. FINKS, Instructor in Clinical Medicine ROBERT A. GOODWIN, Instructor in Clinical Medicine LAURENCE A. GROSSMAN, Instructor in Clinical Medicine MILTON GROSSMAN, Instructor in Clinical Medicine DAVID W. HAILEY, Instructor in Clinical Medicine JOSIAH B. HIBBITTS, Instructor in Clinical Medicine ALVIN E. KELLER, Instructor in Clinical Medicine ADDISON B. SCOVILLE, JR., Instructor in Clinical Medicine AMIE T. SIKES, Instructor in Clinical Medicine JAMES N. THOMASSON, Instructor in Clinical Medicine DAN H. WILLOUGHBY, Instructor in Clinical Medicine JOHN LANIER WYATT, Instructor in Clinical Medicine BENJAMIN J. ALPER, Assistant in Medicine WILLIAM L. ALSOBROOK, Assistant in Medicine H. R. ANDERSON, Assistant in Medicine EUGENE S. AUSTIN, Assistant in Medicine GEORGE A. BISHOPRIC, Assistant in Medicine JOHN WILLIAM BOLTON, Assistant in Medicine BEN V. BRANSCOMB, Assistant in Medicine REMBERT O. BURGESS, Assistant in Medicine G. LEONARD EMMEL. Assistant in Medicine E. WILLIAM EWERS, Assistant in Medicine THOMAS B. HALTOM, Assistant in Medicine H. LEROY IZLAR, JR., Assistant in Medicine IRA T. JOHNSON, JR., Assistant in Medicine R. C. Kory, Assistant in Medicine ROBERT Q. MARSTON, Assistant in Medicine JOSEPH M. MERRILL, Assistant in Medicine OSCAR M. MIMS, Assistant in Medicine WILLIAM R. PASCHAL, Assistant in Medicine LUTHER E. SMITH, Assistant in Medicine CLARENCE C. WOODCOCK, JR., Assistant in Medicine RANDOLPH A. CATE, Assistant in Clinical Medicine PARKER B. HOLLINGSWORTH, Assistant in Clinical Medicine

- 1. CLINICAL PATHOLOGY.—A series of lectures and laboratory exercises in the microscopic and chemical methods 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. Eight hours a week during the third trimester of the second year. Dr. Jones.
- 2. Introduction to Clinical Medicine.—An integrated course given by members of the Departments of Biochemistry, Medicine, Radiology, and Surgery. Lectures, demonstrations and practical experience are designed to introduce students to methods used in examining patients and to the interpretation of data so obtained. This course serves also as a transition from the courses in biochemistry, physiology, and pathology to their application in clinical medicine. The course consists of fourteen lectures or demonstrations, and six hours of practical demonstrations, weekly, during the third trimester of the second year. Dr. Kampmeier, Dr. Strayhorn and members of the Department of Medicine; Dr. Rollin Daniel and members of the Department of Surgery; Dr. Herbert Francis, Department of Radiology; Dr. Ann Minot, Department of Biochemistry.
- 3. Ward Work.—One-third of the third-year class is assigned to the medical wards of the Thayer Veterans Administration Hospital during each trimester. Here they serve as clinical clerks. In this assignment they become part of the team of resident, attending, and Veterans Administration physicians responsible for the diagnostic study and treatment of patients. Bedside instruction is given daily by members of the Staff who are also members of the Faculty. Approximately 20 hours a week during one trimester. Dr. Morgan, Dr. Youmans, Dr. France, Dr. Meneely, Dr. Goodwin, and Staff.
- 4. Ward Work.—One eighth of the students of the fourth-year class act as clinical clerks on the wards of the medical service of the University Hospital for a period of four weeks. 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 at Thayer Veterans Administration Hospital. Dr. Morgan, Dr. Youmans, Dr. France, and Staff.
- 6-A. MEDICAL OUTPATIENT SERVICE.—One eighth of the students of the fourth-year class are assigned during a four week period 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.

- 6-B. Medical Outpatient Service.—During the period of eight weeks on Medicine the fourth-year students attend demonstration clinics every other week in each of the medical specialty clinics. Here they observe methods of dealing with metabolic, allergic, cardiac and thoracic diseases. Dr. Weinstein and Dr. Scoville; Dr. Pennington and Dr. Thomas; Dr. Kennedy, Dr. Strayhorn and Dr. Riven; and Dr. Johnson.
- 7. CLINICAL LECTURES AND DEMONSTRATIONS.—Patients are presented by the students to whom they have been assigned. Diagnosis and management 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.
- 8. 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.

Neurology

WILLIAM F. ORR, Professor of Neurology LEON FERBER, Assistant Professor of Clinical Neurology ERIC BELL, JR., 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 second trimesters of the third year. Dr. Orr and Dr. Ferber.
- 2. CLINICAL NEUROLOGY.—During the period of four weeks on Psychiatry the fourth-year students attend the neurological outpatient service one morning each week. 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. 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, Assistant Professor of Clinical Dermatology
RICHARD C. LIGHT, Instructor in Clinical Dermatology
FRANK G. WITHERSPOON, Assistant 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 third trimester of the third year. Dr. King.
- 2. CLINICAL DERMATOLOGY.—During the period of eight weeks on Medicine the fourth-year students attend demonstration clinics every other week in Dermatology, where they have practice in the diagnosis and treatment of the diseases of the skin under the supervision of the staff. Dr. Hamilton, Dr. Buchanan and Dr. Witherspoon.

PEDIATRICS

Amos Christie, Professor of Pediatrics and Head of the Department Owen H. Wilson, Professor Emeritus 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
Joe M. Strayhorn, Associate Professor of Clinical Pediatrics
William O. Vaughan, Associate Professor of Clinical Pediatrics
Hearn G. Bradley, Assistant Professor of Clinical Pediatrics
T. Fort Bridges, Assistant Professor of Clinical Pediatrics
Ethel Walker, Assistant Professor of Clinical Pediatrics
Blair E. Batson, Instructor in Pediatrics
O. Randolph Batson, Instructor in Pediatrics
Robert C. Brownlee, Jr., Instructor in Pediatrics
William D. Donald, Instructor in Pediatrics
Calvin W. Woodruff, Instructor in Pediatrics

LINDSAY K. BISHOP, Instructor in Clinical 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
THOMAS S. WEAVER, Instructor in Clinical Pediatrics
ERIE E. WILKINSON, Instructor in Clinical Pediatrics
ROBERT L. BRITT, Assistant in Pediatrics
LUKE L. ELLENBURG, Assistant in Pediatrics
WILLARD B. MILLS, Assistant in Pediatrics
HARRIS RILEY, Assistant in Pediatrics

- 1. LECTURES AND DEMONSTRATIONS.—The prenatal period, the newborn 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 third 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 eighth of the fourth-year class is assigned to the pediatric outpatient service for one month. Patients, including well babies in a special clinic, are assigned to students, who record histories, make physical examinations and carry out diagnostic procedures. Diagnosis and treatment are con-

sidered. Students also rotate through the special clinics—Allergy Clinic, Seizure Clinic and Cardiac Clinic. Dr. Christie, Dr. Peterson and Staff.

5. Elective work in the laboratories, 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.

PSYCHIATRY

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

FRANK H. LUTON, Professor of Psychiatry LEON FERBER, Associate Professor of Psychiatry SMILEY BLANTON, Associate Professor of Clinical Psychiatry OTTO BILLIG, Assistant Professor of Psychiatry JAMES W. WARD, Assistant Professor of Psychiatry BASIL T. BENNETT, Assistant Professor of Clinical Psychiatry VIRGINIA KIRK, Assistant Professor of Clinical Psychology ROBERT W. ADAMS, JR., Instructor in Psychiatry SAMUEL E. ABEL, Instructor in Clinical Psychiatry ERIC BELL, JR., Instructor in Clinical Psychiatry G. TIVIS GRAVES, Instructor in Clinical Psychiatry O. S. HAUK, Instructor in Clinical Psychiatry GEORGE ROSENBERG, Instructor in Clinical Psychiatry FRANK W. STEVENS, Instructor in Clinical Psychiatry WILLIAM D. PICKERING, Instructor in Clinical Psychology HUGH ADAMS, Assistant in Psychiatry RICHARD K. COLE, JR., Assistant in Psychiatry LLOYD L. HEFNER, Assistant in Psychiatry R. TAYLOR KING, Assistant in Psychiatry ALBERT R. LAWSON, Assistant in Psychiatry JEFFERSON E. MORRIS, Assistant in Psychiatry PEIRCE M. Ross, Assistant in Psychiatry RUTH B. ANDERSON, Assistant in Clinical Psychology

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.

- 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 I.—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. The principles of prevention as applied to mental diseases are emphasized. One hour a week during the first and second trimesters of the third year. Dr. Luton and Staff.
- 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. CLINICAL DEMONSTRATION IN PSYCHIATRY.—Hospital patients who have been carefully studied are presented in conference attended by Psychiatrist, Social Worker, Clinical Psychologist, and Psychiatric Nurse in which various aspects of patient's illness are discussed, dynamics outlined and treatment recommended. Sixteen hours during the fourth year. Dr. Orr and Staff.
- 6. INSTITUTIONAL PSYCHIATRY.—Fourth-year students spend one full day per week at Central State Hospital where they study the chronically psychotic patient and become acquainted with problems of his treatment and care. Thirty-two hours during the fourth year. Dr. Luton, Dr. Hauk, and Staff.
- 7. OUTPATIENT PSYCHIATRY.—Here the students are presented the methods of examination required in the study of psychiatric patients and are given instruction in the diagnosis and treatment of outpatient psychiatric conditions. Twenty-four hours during fourth year. Dr. Billig and Staff.
- 8. Seminar in Clinical Psychology.—Here the student becomes acquainted with some of the methods of clinical psychological examination. Emphasis is placed on the projective techniques. Twelve hours during fourth year. Dr. Kirk.
- 9. Seminar in Psychiatric Social Work.—The contribution of the Psychiatric Social Worker in the clinical team is demonstrated in Clinic and Ward cases. Group discussions consider specific problems in interviewing and participation in Psychiatric treatment.

The course attempts orientation of the medical student to usually available community resources for enhancing his understanding of specific psychosocial problems and planning treatment. Twelve hours during fourth year. Mrs. Ryson.

10. JOURNAL CLUB.—To acquaint the student with the more important current publications on Psychiatry; students review articles from these journals. Four hours during fourth year. Dr. Orr and Staff.

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 RALPH M. LARSEN, Associate Professor of Surgery RUDOLPH A. LIGHT, Associate Professor of Surgery ROBERT S. McCleery, Associate Professor of Surgery BARTON McSwain, Associate Professor of Surgery WILLIAM F. MEACHAM, Associate Professor of Surgery LEONARD W. EDWARDS, Associate Professor of Clinical Surgery DUNCAN EVE, Associate Professor of Clinical Surgery CULLY COBB, 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 HARRISON H. SHOULDERS, Assistant Professor of Clinical Surgery DAUGH W. SMITH, Assistant Professor of Clinical Surgery WALTER DIVELEY, Instructor in Surgery DUANE FORMAN, Instructor in Surgery RALPH B. WILLIAMS, Instructor in Surgery EDMUND W. BENZ, Instructor in Clinical Surgery WILLIAM C. BILBRO, Instructor in Clinical Surgery BENJAMIN F. BYRD, JR., 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 OSCAR NOEL, 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 EDWARD ALLEN ATTIX, JR., Assistant in Surgery NORMAN BARNETT, Assistant in Surgery WILLIAM R. CATE, JR., Assistant in Surgery DAWSON B. CONERLY, JR., Assistant in Surgery HERSCHEL GRAVES, JR., Assistant in Surgery ARNOLD HABER, JR., Assistant in Surgery CLYDE PITCHFORD, Assistant in Surgery JAMES POLK, Assistant in Surgery DOUGLAS H. RIDDELL, Assistant in Surgery THOMAS B. SAPPINGTON, IR., Assistant in Surgery JOHN LAZELLE SAWYERS, Assistant in Surgery CLOYCE F. BRADLEY, Assistant in Clinical Surgery JOHN K. CRAWFORD, Assistant in Clinical Surgery ROBERT L. DOZIER, JR., 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

SURGERY

1. Introduction to Clinical, Medicine.—An integrated course given by members of the Departments of Surgery, Medicine, Radiology and Biochemistry. Lectures, demonstrations and practical experience are designed to introduce students to methods used in examining patients and to the interpretation of data so obtained. This course serves also as a transition from the courses in biochemistry, physiology, and pathology to their application in clinical medicine. The course consists of fourteen lectures or demonstrations, and six hours of practical demonstrations, weekly, during the third trimester of the second year. Dr. Rollin Daniel and members of the Department of Surgery; Dr. Kampmeier, Dr. Strayhorn, and members of the Department of Medicine; Dr. Herbert Francis,

Department of Radiology; Dr. Ann Minot, Department of Biochemistry.

- 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. Two hours 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. McSwain.
- 4. SURGICAL CLINICS.—The students of the third and fourthyear 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 members of the Department of Surgery.
- 5. Surgical Wards.—For one trimester, one third of the third year students serve daily as assistants in the surgical wards of the Vanderbilt University Hospital or the Thayer Hospital, according to the availability of suitable clinical teaching material. 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 time surgical conditions 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 Outpatient Clinics of general surgery, orthopedic surgery and genito-urinary surgery. They make the records of the histories, physical examinations and laboratory tests of the patients attending the Outpatient Clinics and assist in the dressings and in minor operations. Various members of the surgical staff are in attendance to instruct the stu-

dents in their work and to discuss with them the diagnosis and treatment of the patients. In the 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. 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. One hour a week during the second trimester of the fourth year. Dr. Duncan Eve.
 - 8. ELECTIVE COURSES IN SURGERY, For Fourth Year Students.
- (a) REVIEW OF SURGERY.—Emphasis is placed on surgical principles and diagnosis. Two hours a week for each elective period. Dr. Benz.
- (b) CLINICAL AND LABORATORY RESEARCH.—A course in clinical and laboratory surgical research. Limited to two students during an elective period. Dr. Benjamin Byrd, Jr.
- (c) OPERATIVE SURGERY.—In this course the students are instructed in the theories and techniques of the handling of surgical wounds. Three hours per week. Limited to twelve students for six week periods throughout the academic year. Dr. Light.

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
RALPH RICE, 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 first and second 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
MORRIS ADAIR, Assistant in Clinical Otolaryngology
J. THOMAS BRYAN, 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
W. G. KENNON, JR., 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 third 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 Clinic, 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. Smith and Dr. Maness.

Urology

EDWARD HAMILTON BARKSDALE, Associate Professor of Clinical Urology

HENRY L. DOUGLASS, Associate Professor of Clinical Urology

HARRY S. SHELLY, Assistant Professor of Urology

HORACE C. GAYDEN, Instructor in Clinical Urology

MAX K. MOULDER, Instructor in Clinical Urology

OSCAR CARTER, Assistant in Clinical Urology

CHARLES E. HAINES, 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 trimesters of the fourth year. Dr. Barksdale and Staff.

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 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. 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
 John Glover, Assistant in Clinical Orthopedic Surgery
 A. Brant Lipscomb, Assistant in Clinical Orthopedic Surgery
 Samuel B. Prevo, Assistant in Clinical Orthopedic Surgery
- 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. Regen.
- 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
OREN A. OLIVER, Professor of Clinical Dental Surgery
WALTER M. MORGAN, Associate Professor of Clinical Dental Surgery
WILLIAM S. GRAY, Assistant Professor of Clinical Dental Surgery
FRED H. HALL, Assistant Professor of Clinical Dental Surgery
MAX V. SIGAL, Assistant Professor of Clinical Dental Surgery

JAMES B. BAYLOR, Assistant in Clinical Dental Surgery E. THOMAS CARNEY, Assistant in Clinical Dental Surgery

Although there are no formal lectures or recitations in dental surgery, the students of the fourth-year class have 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.

RADIOLOGY

C. C. McClure, Professor of Clinical Radiology and Head of the Department

HERBERT C. FRANCIS, Professor of Radiology
GRANVILLE W. HUDSON, Associate Professor of Radiology
KIRK R. DEIBERT, Assistant Professor of Clinical Radiology
JOSEPH IVIE, Assistant Professor of Clinical Radiology
BEN R. MAYES, Assistant Professor of Clinical Radiology
WILLIAM M. HAMILTON, Instructor in Radiology
M. D. INGRAM, JR., Instructor in Radiology
LEON M. LANIER, Instructor in Clinical Radiology
JESSE B. JOHNSON, JR., Assistant in Radiology

- 1. ROENTGENOLOGY.—Introduction to Clinical Medicine.—An integrated course given by Departments of Biochemistry, Medicine, Surgery, and Radiology. Second-year class divided into two sections. Each group has three hours devoted to normal X-Ray anatomy and its normal variations. Close correlation with physical diagnosis program is maintained and serves as introduction to advantages and limitations of x-ray examination applied to clinical medicine. Second-year class, two sections, three hours each in third trimester. Dr. Francis and Staff.
- 2. Roentgenology.—Fourth-year students while in Pediatrics, Medicine and Surgery sections have one class a week during school year which correlates the x-ray findings with the clinical data on their ward and clinic patients. Other cases from files are used for discussing and differential diagnosis. Drs. Hudson, Mayes, Ivie, and Francis.
- 3. ROENTGENOLOGY.—Fourth-year students may elect this work for entire or part time during their elective period. Fixed class

periods twice a week are held by Dr. McClure. Fluoroscopic work and film interpretation are offered. Introduction to methods of making and processing radiographs of various kinds is available. Dr. McClure, Dr. Hudson and Staff.

- 4. ROENTGENOLOGY.—Lectures and demonstration in differential diagnosis, therapy, and physics of Radiology. One hour a week during third trimester, fourth year. Dr. McClure.
- 5. ROENTGENOLOGY.—Fourth-year students may elect such work with staff. Hours and credits by arrangement.

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

WILLARD O. TIRRILL, JR., Associate Professor of Clinical Obstetrics and Gynecology

DORIS H. ORWIN, Research Associate in Obstetrics and Gynecology JOHN SMITH CAYCE, Assistant Professor of Clinical Obstetrics

JOSEPH F. GALLAGHER, Assistant Professor 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 Edwin Lea Williams, Instructor in Obstetrics and Gynecology

JOSEPH D. ANDERSON, Instructor in Clinical 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
ROY W. PARKER, Instructor in Clinical Obstetrics and Gynecology
DOUGLAS SEWARD, Instructor in Clinical Gynecology
ARTHUR SUTHERLAND, Instructor in Clinical Obstetrics and Gynecology

THOMAS F. WARDER, Instructor in Clinical Obstetrics and Gynecology ROBERT C. PATTERSON, JR., Instructor in Clinical Obstetrics PAUL L. WARNER, Instructor in Clinical Obstetrics HARRY EMIL JONES, Instructor in Obstetrics and Gynecology HAROLD W. BAKER, Assistant in Obstetrics and Gynecology RUSSELL T. BIRMINGHAM, Assistant in Obstetrics and Gynecology DIXON N. BURNS, Assistant in Obstetrics and Gynecology ROBERT L. CHALFANT, Assistant in Obstetrics and Gynecology ROBERT DENNIS, Assistant in Obstetrics and Gynecology W. C. HERBERT, JR., Assistant in Obstetrics and Gynecology WILLIAM FAXON PAYNE, Assistant in Obstetrics and Gynecology HOUSTON SARRATT, Assistant in Obstetrics and Gynecology JOHN W. WILLIAMS, Assistant in Obstetrics and Gynecology ROLAND D. LAMB, Assistant in Clinical Gynecology WILLIAM D. SUMPTER, JR., Assistant in Clinical Obstetrics and Gynecology

SIDNEY C. REICHMAN, 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. One hour a week during first, second and third trimesters. 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 first and second 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. Approximately twenty hours a week for a four-week period during the fourth year. Dr. J. C. Burch, Dr. C. Williams, Dr. E. L. Williams, Dr. Anderson, Dr. Cowan, Jr., and Dr. Lamb.
- 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. Twenty-two hours of instruction are given to each fourth-year student during the year. Dr. C. Williams and Resident 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, Assistant Professor of Anesthesiology

HARRY T. MOORE, JR., Instructor in Anesthesiology

ROBERT M. WOOLDRIDGE, 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

PAUL H. SANDERS, 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. Mr. Sanders.

MILITARY SCIENCE AND TACTICS

PARKER B. HOLLINGSWORTH, M.D., Major, M.C., U.S.A. Professor of Military Science and Tactics.

Elective courses in Military Science and Tactics are offered in two phases, the basic course in the first and second years and the advanced course in the third and fourth years. Both courses consisting of thirty-two hours of instruction per year are devoted to the study of medico-military subjects. Credit is given in lieu of the basic course for previous active military service and membership in a Senior Division Unit of the Reserve Officers' Training Corps.

The advanced course includes, in addition to thirty-two hours of instruction per year, a summer camp of six weeks duration. Mem-

bers of the Reserve Officers' Training Corps who are veterans will normally be sent to designated Army Hospitals in clinical clerkships while non veterans will attend summer camp at the Medical Field Service School, Fort Sam Houston, Texas.

The students receive a travel allowance of five cents per mile from the Medical School to camp and return. While at camp they will receive quarters, clothing, rations, and medical care and in addition are paid \$75.00 per month while in attendance.

The advanced course students are paid commutation in lieu of subsistence during the two year period of the course. The present rate of payment is \$27.00 per month.

Upon completion of the advanced course students are eligible for commission in the Medical Corps Reserve of the Army of the United States. While the course in Military Science is elective, completion of the advanced course, including summer camp, is a prerequisite for graduation after the student has entered into an advanced course contract.

POSTGRADUATE COURSES

Courses in individual departments are made available by special arrangement. These courses are under the direction of the Dean, the Director of Postgraduate Instruction, 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 and the Director of Postgraduate Instruction in cooperation 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 \$600. For the calendar year of 12 months it is \$800 or \$66.66 per month.

REGISTER OF STUDENTS

Session September, 1949-June 1950

The members of the class, as listed below, received the degree of Doctor of Medicine in June, 1950.

INSTITUTION

INSTITUTION HOME ADDRES.
Anderson, Arthur Ray, B. of C., University of Minnesota, 1942St. Paul, Minn.
Anderson, Harvey Wellwood, B.A., University of Michigan, 1946Astoria, Ore.
BRATTON, EDGAR KRENE, B.A., Vanderbilt University, 1947Lafayette, Tenn.
Brawner, Pembroke Augustine, IV, B.A., Vanderbilt University, 1947
PebbleBeach, Calif.
Brown, Mark, B.S., University of Miami, 1946
CECIL, HENRY SHUFORD, B.A., Wofford College, 1942
CHEATHAM, WILLIAM JOSEPH, B.A., Vanderbilt University, 1947Jackson, Tenn.
CLEVELAND, WILLIAM WEST, B.S., Harvard University, 1943
DUBUISSON, RAY LEONARD, B.S., Mississippi State College, 1942 Long Beach, Miss.
FOREMAN, HOWARD RAY, B.A., Vanderbilt University, 1947
GLOVER, JOHN POWELL, JR., B.A., Union University, 1939
HADEN, HALCOTT TOWNES, B.S., University of South Carolina, 1946. Greenville, S. C.
HALL, THOMAS M., B.S., Utah State Agricultural College, 1941
HRADRICK, WILLIAM LOUIS, JR., B.S., Tennessee Polytechnic Institute, 1943 Oakdale, Tenn.
*Hodgins, Thomas Earl, Jr., B.S., Alabama Polytechnic Institute, 1946 Jacksonville, Fla.
HOFFMAN, NORMAN NATHAN, B.A., Texas Christian University, 1946. Hollywood, Calif.
Howard, Carolyn Saunders, B.S., 1944, M.A., 1945, Peabody CollegeGlasgow, Ky.
KIRKMAN, CASWELL MACON THOMPSON, JR., B.A., University of the South, 1943
Nashville, Tenn.
KOCHTITZKY, OTTOMORSE
LAMBRIGHT, ROBERT LAMAR, JR., B.S., University of Mississippi, 1947Jackson, Miss.
LAWRENCE, JOHN CHARLES, B.S., University of South Carolina, 1943. Effingham, S. C.
LAWWILL, STEWART, JR., B.A., Vanderbilt University, 1947Lookout Mountain, Tenn.
LEPCOR Neuron M. D.C. McCill Visions its 1044
LESTER ADDITION AND M., B.S., McGill University, 1946
LESTER, ARCHIE LOUIS, B.S., University of Arkansas, 1948
Lindsay, John Paul, B.S., Peabody College, 1940
LINN, MARION JOANNE LOVELL, B.A., Tusculum College, 1946Birmingham, Ala.
Linn, Robert Joseph, B.A., Vanderbilt University, 1946
McLihany, Mary Lou, M.A., University of Chicago, 1944
Mgers, Edwin Allen, B.S., Union College, 1946
MORROW, CLARENCE STANLEY, B.A., Vanderbilt University, 1946Columbia, Tenn.
MURRAY, FRANCIS MENARD, B.A., Holy Cross College, 1943
PASCOE, SAM CHAPMAN, B.A., Vanderbilt University, 1946
PETTY, DAVID GORDON, B.S., Cumberland University, 1941
RIDINGS, GUS RAY, B.S., Arkansas State College, 1937
ROWE, CHARLES ROY, JR., B.S., University of North Carolina, 1946. Melrose Park, Pa.
Nashville, Tenn.
Huntsville, Ala.
Nashville, Tenn.
Nashville, Tenn.
SIEPHENSON, SAMUEL EDWARD, IR., B.S., Univ. of South Carolina, 1946 Bristol, Tenn.
Nashville, Tenn.
ARPLEY, HORTON EARL, B.S., Middle Tennessee State College, 1942 Nashville, Tenn.
TOMSON, NATHANIEL CHARLES, B.S., Florida Southern College, 1941St. Petersburg, Fla.

^{*}Degree deferred.

Name		Institution		Home Address
TRIPLETT, BEVER	LY JEANNE, B.A.	., Vanderbilt	University,	1946 Amarillo, Texa
VADEN, OTIS LY	NN, B.A., Unive	rsity of Texa	s, 1946	Temple, Texa
VELLER, MARGAI	RET PAXTON, B.A.	Vanderbill	University	, 1947Natchez, Miss
				946 Huntsville, Ala
				1946 Columbia, Tent
				1947 Memphis, Tent

THIRD YEAR CLASS

Session September, 1949—June, 1950

BEAM, LEWIS ROCKWELL, JR., B.S., Furman University, 1947	Nashville, Tenn.
Bell, William J., B.A., University of Mississippi, 1948	Vicksburg, Miss.
BETTS, CHARLES S., B.A., Vanderbilt University, 1948	
BISHOP, EUGENE L., JR., B.A., Vanderbilt University, 1948	Chattanooga, Tenn.
BOWMAN, JOHN R., B.A., Earlham College, 1947	
BOYD, JOE WHITFIELD, B.A., University of Oklahoma, 1947	
CASSELL, NORMAN M., B.S., University of Chattanooga, 1943	
CHENAULT, SIDNEY B., B.S., University of Alabama, 1947	
CLARIDAY, JOHN M., B.A., Vanderbilt University, 1947	
Coles, John H., III, B.A., Vanderbilt University, 1948	
COLLINS, ROBERT D., B.A., Vanderbilt University, 1948	
Dale, Alice Beck, B.A., Vanderbilt University, 1948	
DAY, CAMERON BLAINE, B.A., Westminster College, 1947	
ELLZEY, PAUL C., B.A., Vanderbilt University, 1948	
FISH, MARVIN, B.A., Vanderbilt University, 1947.	
GOSSETT, CLARENCE E., B.A., University of Arkansas, 1948	
GREER, CLIFTON E., JR., B.A., Vanderbilt University, 1947	
GYLAND, STEPHEN P., B.S., University of North Carolina, 1947.	
HENSHAW, JOE HAMPTON, B.S., University of Chattanooga, 1948	
HINES, BENJAMIN H., B.A., Lincoln Memorial University, 1941	
HOLLADAY, BERTIE L., B.A., Vanderbilt University, 1948	
HUDDLESTON, CHARLES H., B.A., Vanderbilt University, 1948	
HUDDLESTON, SAMUEL W., III, B.A., Vanderbilt University, 1948	
JAMES, DAVID H., B.A., Vanderbilt University, 1948	
JOHNSON, JAMES P., JR., B.A., Vanderbilt University, 1947	
King, Morris K., B.A., University of Oklahoma, 1947	
KOULISCHER, NINA, B.A., Hunter College, 1947.	
LEVITAN, PHILLIP I., B.A., Vanderbilt University, 1948	
MALCOLM, HENRY E., B.A., Vanderbilt University, 1947	
Marks, Charles H., B.S., University of Florida, 1947	
McCall, Nancy S., B.A., Vanderbilt University, 1948	
MOORE, ROBERT H., JR., B.A., Vanderbilt University, 1947	
PENNINGTON, J. CUMLEY, JR., B.A., Vanderbilt University, 1948	
PENNINGTON, THOMAS GUV, B.A., Vanderbilt University, 1948	
PIPKIN, DORIS E., B.S., University of Kentucky, 1948	
PUALWAN, FAWZI, B.A., Vanderbilt University, 1947	
SCHLANT, ROBERT C., B.A., Vanderbilt University, 1948	
SPEED, LOUIS E., B.A., Yale College, 1942.	Savre Okla
SPENCER, ROBERT W., B.A., Vanderbilt University, 1947	
Suber, Roy Bonds, B.S., Davidson College, 1942	
SUNDERMANN, RICHARD H., B.A., University of Nebraska, 1947	
Talley, N. Henry, Jr., B.S., Western Kentucky State College	
TINKLER, WILLIAM P., B.A., Erskine College, 1947	
and the same and second country to the same second	S. C.

NAME	Institution	HOME ADDRESS
TRAMMELL, JANI	W., B.S., University of Mississippi, 1948	Oak Ridge, Tenn.
TRAVIS, DAVID	M., B.A., Vanderbilt University, 1947	Nashville, Tenn.
	ARY T., B.S., Alabama Polytechnic Institute, 1	
	R., JR., B.A., Vanderbilt University, 1948	
	ON Hm, B.A., Vanderbilt University, 1948	
	st. R., B.A., Vanderbilt University, 1948	
	DMAS, B.S., University of Michigan, 1946	
	EARL, JR., B.A., University of Virginia, 1947	
	A., B.A., Vanderbilt University, 1948	
	RLL H., B.A., Vanderbilt University, 1948	
	JACOBS, B.S., College of Charleston, 1949	

SECOND YEAR CLASS

Session September, 1949—June, 1950

ABRAMSON, JEROME, B.A., Vanderbilt University, 1948
Arrington, Joe Oran, Jr., B.A., Texas Technological College, 1948Lubbock, Texas
BAILEY, JOSEPH C., B.S., Western Kentucky St. Col., 1949Fountain Run, Ky.
BEASLEY, OSCAR CARL, JR., B.S., University of Kentucky, 1948
BLACKBURN, WILLIAM H., B.S., University of the South, 1948
BOYD, HERSCHELL H., B.S., University of Chattanooga, 1949 Chattanooga, Tenn.
Brock, Charles C., B.A., Vanderbilt University, 1949
BROOKS, ARTHUR LEROY, B.S., Austin Peay State College, 1948Nashville, Tenn.
Brown, Ernest Ladd, B.S., University of Alabama, 1948
BRYAN, LOUIS, B.A., Vanderbilt University, 1949
BUTTERWORTH, JOE STANLEY, B.S., Murray State College, 1948Nashville, Tenn.
COBBS, BEVERLY W., JR., B.A., Vanderbilt University, 1949Montgomery, Ala.
COCHRAN, DONALD Q., B.A., Vanderbilt University, 1949
Cole, Richard Davis, B.A., Southern Methodist University, 1948Waco, Texas
CORBITT, DUVON, JR., B.A., Asbury College, 1948
CORBITT, PHYLLIS JEAN, B.A., Asbury College, 1946
CURRY, DALE, B.S., Oklahoma A. & M., 1949
DAWSON, ROYCE E., B.S., Western Kentucky State College, 1949
Delvaux, Thomas C., Jr., B.A., Vanderbilt University, 1949
FENTRESS, VANCE, B.A., Vanderbilt University, 1949
GARRISON, RUFUS JAMES, B.S., George Peabody College, 1948Nashville, Tenn.
GILLESPIE, GUY T., JR., B.A., University of Mississippi, 1948Jackson, Miss.
HAYWOOD, THEODORE J., B.S., The Citadel, 1948
HOWIE VINCE M. D.A. VI. J. Life Vincenter 1948.
Howie, Virgit, M., B.A., Vanderbilt University, 1949
JONES, WESLEY F., JR., B.A., Vanderbilt University, 1949
KINNEY, TAZ WILLIAM, B.S., Murray State College, 1949
KNIGHT, JAMES ALLEN, B.A., Wofford College, 1941
LASSITER, LAWRENCE H., B.A., Vanderbilt University, 1949
MARABLE, SAM ADDISON, B.A., Vanderbilt University, 1949
MARSH, WILLIAM H., B.S., University of Chattanooga, 1949
McCampbell, Stanley R., B.A., Vanderbilt University, 1949Oklahoma City, Okla.
McCarty, James Eart, B.S., East Central State College, 1948Nashville, Tenn.
McGull, Kenneth H., B.A., Erskine College, 1948
MORGAN, JAMES O., JR., B.S., University of Alabama, 1949
NORMAN, WILLIAM R., JR., B.S., Alabama Polytechnic Institute, 1949. Montgomery, Ala.
PIPKIN, FRED S., JR., B.S., Middle Tennessee State College, 1949Lafayette, Tenn.
PITTS, ROBERT M., B.S., University of Alabama, 1948
QUALLS, GENE T., B.S., University of Kentucky, 1948

NAME	Institution	Home Address
ROGERS, HENRY H.,	B.A., Vanderbilt University, 1948	Nashville, Tenn.
ROY, ROBERT MONROE	B.A., Vanderbilt University, 1949	Columbus, Miss.
RUBLE, PAUL E., B.S.	, Vanderbilt University, 1949	Nashville, Tenn.
SCIMIDY, LEWIS A., II	I, B.A., Vanderbilt University, 1949	Lookout Mountain, Tenn.
SCOTT, GEORGE E., B.	S., University of Georgia, 1948	Athens, Ga.
	CARL, B.A., Vanderbilt University, 1949	
	JR	
	D., B.A., University of Tennessee, 1948	
	B.A., Vanderbilt University, 1949	
	B., B.A., Vanderbilt University, 1948	
WINGLAND, HERBERT	LEE, B.A., Colorado College, 1946	Nashville, Tenn.
	., JR., B.A., Vanderbilt University, 1949	

FIRST-YEAR CLASS

Session September, 1949—June, 1950

ANDERSON, JAMES S., JR., Sr. in Absentia, Vanderbilt University Nashvill	e, Tenn.
BARKSDALE, JANE MOORE, B.A., Connecticut College, 1945	
BARNES, LOUIS R., JR., Sr. in Absentia, Vanderbilt University Nashvill	
BARRINGER, THAD JONES, B.S., Davidson College, 1949	
Branch, Charles Leon, B.A., Vanderbilt University, 1949	
Brown, Frank W., B.S., Rocky Mountain College, 1949Billing	
BRYAN, DONALD M., B.S., University of Florida, 1947Mulber	
CALLISON, WILLIAM J., Sr. in Absentia, Western Kentucky St. College Column	
CAUGHRAN, BENNETT W., Sr. in Absentia, Vanderbilt University Fayetteville	
CLIFFORD, SAMUEL L., Sr. in Absentia, Vanderbilt UniversityPensac	
CONNER, OSCAR W., JR., B.S., Millsaps College, 1949	
CRESS, ROBERT HENRY, Sr. in Absentia, Vanderbilt UniversityGallati	
CROMEANS, JOE G., Sr. in Absentia, Vanderbilt UniversityBelmot	
CULLEY, THOMAS S., B.A., University of Mississippi, 1949Oxfor	
CURTIS, GEORGE C., III, Sr. in Absentia, Lambuth CollegeJackso	n, Tenn.
DENNEY, SAM JOSEPH, B.A., University of Virginia, 1948	n, Tenn.
DERRYBERRY, JOHN S., Sr. in Absentia, Vanderbilt UniversityColumbi	ia, Tenn.
EDWARDS, WILLIAM H., B.A., Vanderbilt University, 1949Nashvill	le, Tenn.
EVANS, HENRY CLAY, JR., Sr. in Absentia, Milligan College	er, Tenn.
FELDHAUS, JOSEPH H., JR., Sr. in Absentia, Vanderbilt University Lawrencebus	rg, Tenn.
FISHER, JAMES EDWARD, B.A., Murray State College, 1948	
Green, Paul Arnold, Jr., Sr. in Absentia, Vanderbilt UniversityNashvill	le, Tenn.
HARRIS, WILLIAM A., B.A., Vanderbilt University, 1949Old Hickor	
HARWOOD, THOMAS R., B.S., Georgetown University, 1949	
Headrick, James R., Sr. in Absentia, Tennessee Polytechnic InstOakda	
HIBBETT, LESTER LEE, B.A., Florence State Teachers' College, 1949Florence	
HOWARD, CECIL BYRON, B.A., Vanderbilt University, 1949Louel	
HUNT, CHARLES F., JR., B.A., Vanderbilt University, 1948	
JONES, ROBERT HOLMES, B.A., Williams College, 1949	
KIMBROUGH, EDWARD E., III, Sr. in Absentia, Vanderbilt University. Gainesv	
LESTER, RICHARD L., JR., Sr. in Absentia, Vanderbilt UniversityPulasi	
MACLURE, JOHN GRANT, B.S., Vanderbilt University, 1949	mi, Fia.
MARK, JAMES B. D., Sr. in Absentia, Vanderbilt UniversityNew York	c, N. L.
MARTIN, JACK, B.S., University of Alabama, 1949	ort, Ala.
MASSIE, RALPH W., Sr. in Absentia, Vanderbilt University	
McCall, Charles B., Sr. in Absentia, Vanderbilt University	
McHenry, Laudig E., Jr., Sr. in Absentia, Vanderbilt UniversityMadisonvil	ie, remi

4.0		
NAME	Institution	HOME ADDRESS
MOORE, JE	FF R., Sr. in Absentia, Vanderbilt University	Indepen Miss
MYERS TO	Day Time Co. 1- 41 - 12 - 13 - 14 - 15 - 15 - 15 - 15 - 15 - 15 - 15	Jackson, Miss.
0	HN LEE, Sr. in Absentia, Vanderbilt University	Nashville, Tenn.
O MONBY, J	OHN Q., JR., Sr. in Absentia. Vanderbilt University	Cookeville Tenn
PAYNE, FR	RD W., JR., Sr. in Absentia, Vanderbilt University	Chattanoona Tour
PERLER M	TON BOOM DA Wand - Lite Vi - 1 - 1 - 1	Chartanooga, 1 cm.
Parino	итом Воотн, В.A., Vanderbilt University, 1949	Huntsville, Ala.
WANDOLPH,	JUDSON G., Sr. in Absentia, Vanderbilt University	Nashville Tonn
- AWLINGS	JOHN T., B.S., University of Kentucky, 1040	Lawrencehura Kw
REINSCHMI	DT, JULIAN S., Sr. in Absentia, Vanderbilt University.	The state of the s
Rmner p	Journal S., St. in Absentia, Vanderbut University.	Pensacola, Fla.
T. D.	ILLY JOE, Sr. in Absentia, University of Kentucky	Lionilli, Ky.
- on Mas, E	MEXANDER S., Sr. in Absentia Vanderbilt University	Rirmingham Ala
WEATHERAL	A., THOMAS J., JR., Sr. in Absentia, University of Alaba	wa Vanduda Ma
WILLIAMS	Torry D. T. D.G. ast in Absentia, University of Alaba	ina_Kosciusko, Miss.
Wraman	JOHN R., JR., B.S., Mississippi College, 1949.	Itta Bena, Miss.
. MOIOTON, I	NATHANIEL 1 IR. Sr. in Absentia Vanderbilt Universit	v Johnson City Tonn
TOTAL ACTION	MOND K., Sr. in Absentia Vanderbilt University	Chattanoora Tona
WOOLDRIDG	E, DEAN H., Sr. in Absentia, Texas Christian Universit	Cuattanooga, Tenn.
MIDO	a, Dan II., Sr. in Absentia, Texas Christian Universit	yAltus, Okia.

ANDERSON, ARTHUR RAY, IR

*Did not graduate in class of 1950.

INTERNSHIP AND APPOINTMENTS

CLASS OF JUNE, 1950

Nachville, Tenn.

ANDERSON, ARTHUR RAY, JRVanderbilt University Hospital	Nashville, Tenn.
Anderson, Harvey Wellwood	
BRATTON, EDGAR KEENE	
BRAWNER, PEMBROKE AUGUSTINE, IV St. Thomas Hospital	Nashville, Tenn.
Brown, Mark	Nashville, Tenn.
CECIL, HENRY SHUFORD	Philadelphia, Pa.
CHEATHAM, WILLIAM JOSEPH Vanderbilt University Hospital	Nashville, Tenn.
CLEVELAND, WILLIAM WEST	
DUBUISSON, RAY LEONARD	New Orleans, La.
FOREMAN, HOWARD RAYSt. Thomas Hospital	Nashville, Tenn.
GLOVER, JOHN POWELL, JR	Nashville, Tenn.
HADEN, HALCOTT TOWNES	Charleston, S. C.
HALL, THOMAS MLetterman General Hospital	San Francisco, Calif.
HEADRICK, WILLIAM LOUIS, JR	Nashville, Tenn.
*HODGINS, THOMAS EARL, JRGrady Memorial Hospital	Atlanta, Ga.
HOFFMAN, NORMAN NATHAN Cedars of Lebanon Hospital	Hollywood, Calif.
HOWARD, CAROLYN SAUNDERS	Louisville, Ky.

KIRKMAN, CASWELL MACON THOMPSON, JR Vanderbilt University Hospital	Nashville, Tenn.
Kochtitzky, Otto MorseSt. Thomas Hospital	
LAMBRIGHT, ROBERT LAMAR, JR	
LAWRENCE, JOHN CHARLES Gorgas Hospital	
LAWWILL, STEWART, JR. Wesley Memorial Hospital	Chicago, Ill.
LEFCOE, NEVILLE M	Nashville, Tenn.
LESTER, ARCHIE LOUIS	Nashville, Tenn.
LINDSAY, JOHN PAUL Mid-State Baptist Hospital	Nashville, Tenn.
LINN, MARION JOANNE LOVELL. Baltimore City Hospitals	
LINN, ROBERT JOSEPH	
McIlhany, Mary Lou	Nashville, Tenn.
MEEKS, EDWIN ALLEN	Washington, D. C.
MORROW, CLARENCE STANLEY Strong Memorial Hospital	Rochester, N. Y.
MURRAY, FRANCIS MENARD	Grand Rapids, Mich.
PASCOE, SAM CHAPMANGeorge Washington University Hospital	Washington, D. C.
PETTY, DAVID GORDON	Nashville, Tenn.
RIDINGS, GUS RAY	Nashville, Tenn.
Rowe, Charles Roy, Jr	Durham, N. C.
Schulman, Herbert J. Vanderbilt University Hospital	Nashville, Tenn.

SIMMS, EMILY MERLE. Vanderbilt University Hospital	Nashville, Tenn.
STAHLMAN, GRAY E. B	Nashville, Tenn.
STEELE, RICHARD LABAN	Nashville, Tenn.
STEPHENSON, SAMUEL EDWARD, JR. Butterworth Hospital	Grand Rapids, Mich.
STUNTZ, RICHARD CLARK Harper Hospital	Detroit, Mich.
TARPLEY, HORTON EARL Butterworth Hospital	Grand Rapids, Mich.
TOMSON, NATHANIEL CHARLESBrooke General Hospital	San Antonio, Tex.
TRIPLETT, BEVERLY JEANNE University of Virginia Hospital	Charlottesville, Va.
VADEN, OTIS LYNN	Grand Rapids, Mich.
VELLER, MARGARET PAXTON	Nashville, Tenn.
WEBSTER, HUGH MARTIN, JR	Nashville, Tenn.
WILLIAMSON, ROBERT JAMES	New Haven, Conn.
ZUCKERMAN, JOSEPH ISRAEL	Nashville, Tenn.

PRIZES, SCHOLARSHIPS AND MEDALS

FOR THE YEAR 1949-1950

FOUNDER'S MEDAL FOR SCHOLARSHIP

School of Medicine ROBERT JOSEPH LINN Birmingham, Ala.

BEAUCHAMP SCHOLARSHIP

Endowed and awarded in the School of Medicine in the Department of Psychiatry.

WILLIAM LOUIS HEADRICK, JR. Oakdale, Tenn.

BORDEN UNDERGRADUATE RESEARCH AWARD IN MEDICINE

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

Not awarded for 1949-1950.

THE G. CANBY ROBINSON AWARD (LASKER FOUNDATION)

Awarded for the best clinical history recorded by a third-year student.

ALPHA OMEGA ALPHA

Scholarship Society of the School of Medicine

FOURTH-YEAR CLASS

ANDERSON, HARVEY WELLWOOD	Astoria, Ore.
CLEVELAND, WILLIAM WEST	Carthage, Tenn.
LAWRENCE, JOHN CHARLES	Effingham, S. C.
LEFCOE, NEVILLE M.	Westmount, Quebec
LINN, ROBERT JOSEPH	Birmingham, Ala.
MCILHANY, MARY LOU	
RIDINGS, GUS RAY	
VELLER, MARGARET PAXTON	Natchez, Miss,
Webster, Hugh Martin, Jr.	Huntsville, Ala.

THIRD-YEAR CLASS

BETTS, CHARLES SAMUEL	El Dorado, Ark.
McCall, Nancy Stokes	Nashville, Tenn,
ZBAR, MARCUS JACOBS	Tampa, Fla.

SCHEDULE OF COURSES

For Dates See Calendar, Page 5

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 5 FIRST YEAR—FIRST SEMESTER

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8:00-11:00	Gross	Gross	Gross	Gross	Gross	Gross
11:00-12:00		Gross	Introduction to Psychiatry	Gross		
1:00-2:00	Histology	Histology	Military		Histology	
2:00-3:00	Histology	Histology	*Library	Gross	Histology	
3:00-5:00	Neurology	Neurology			Neurology	

*One library lecture the first Wednesday after instruction begins.

FIRST YEAR—SECOND SEMESTER

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8:00-9:00	Biochemistry	Physiology	Biochemistry	Physiology	Biochemistry	Physiology
9:00-12:00	Biochemistry	Physiology	Biochemistry	Physiology	Biochemistry	Physiology
1:00-2:00	Biochemistry	Physiology	Military Science	Physiology	Biochemistry	

SECOND YEAR—FIRST TRIMESTER

7 Saturday	gy Bacteriology	ogy		A So
Friday	Pathology	Bacteriology		Bacteriology
Thursday	Pathology			Medical Statistics
Wednesday	Pathology	Bacteriology		Bacteriology
Tuesday	Pathology		Military Science	
Monday	Pathology	11:00-12:00 Bacteriology		Bacteriology
Hours	8:00-11:00	11:00-12:00	1:00-2:00	2:00-5:00

SECOND YEAR—SECOND TRIMESTER

Saturday		Pathology	Pharmacology		
Friday		Pathology			Neurology
Thursday	Sales Sales	Parasitic Diseases	Pharmacology	Military Science	
Wednesday	1000	Pharmacology			Neurology Pharmacology
Tuesday		Pathology			Neurology
Monday	The state of the s	Parasitic Diseases	11:06-12:00 Pharmacology		Pathology
Hours	8:00-9:00	9:00-11:00	11:00-12:00	1:00-2:00	2:00-5:00

SECOND YEAR—THIRD TRIMESTER

			-		-		
Saturday	Introduction to Clin. Med.	Intro. Clin. Med.		Obstetrics			District Co.
Friday	Introduction to Clin. Med.	Clinical Pathology	Psycho- dynamics		Vclass Physical Diagnosis	Mclass Radiology	C. P. C.
Thursday	Introduction to Clin. Med.	Intro. Clin. Med.			Intro. Clin. Med.	Clinical Pathology	The Indiana
Wednesday	Introduction to Clin, Med.	Intro. Clin. Med.	Psycho- dynamics	Obstetrics	Intro. Clin. Med.	Median Me	Namorogy
Tuesday	Med. & Surg. Clinic (alternating) (with 4th yr.)	Intro. Clin. Med.	Intro. Clin. Med.	Intro. Clin. Med.	Military Science		
Monday	Introduction to Clin.Med.	Clinical Pathology	Psycho- dynamics		Intro. Clin. Med.	Clinical Pathology	S. School
Hours	8:00-9:00	9:00-10:00	10:00-11:00	11:00-12:00	1:00-2:00	2:00-4:00	4:00-5:00

N. B. Intro. Clin. Med.

Introduction to Clinical Medicine is a correlated course of lectures and demonstrations designed to prepare the student for ward work.

SCHEDULE OF THIRD-YEAR CLASS

	Monday	Tuesday	Wednesday Thursday	Friday	Saturday
8:00-11:00 0	Terms: (Fall) Groups A Groups C Groups B	Terms: (Fall) (Winter) (Spring) Groups A B C C A B Groups C A B B C A B	Medical Ward Work (Thayer Hospital) Surgical Ward Work (Thayer Hospital) (1) One half group—Pediatrics (2) One half group—Obstetrics	rer Hospital) yer Hospital) rrics trics	
11:00-12:00		Obstetrics (V. U. Hosp.)			
		Group A, B & C Clinic V. U. Hosp. Med. & Surg.	1850	Groups A, B &C (V. U. Hosp.) Obstetrics (S)	
			9	Neurology (F. & W.) Dermatology(S)	
		Surgical	A	Psychiatry (F&W) Pediatrics (S)	
	The state of the s	Fathology	Special property of	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. Ophthalmol(F) Prev. Med. (F) Orthoped. (F) (clinic) " (W) Prev. Med. (W) Surg. (Eve) (W) alternating Urology (S) Prev. Med. (S) Otolaryn. (S) Ned. (S) Otolaryn. (S)	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)
0:00-10:00						Pediatrics (clinic)
10:00-11:00						Medicine (clinic)
(Sat. only)						Surgery (clinic)
1:00-2:00		Medicine & Surgery (clinic) *			Obstetrics & Gynecology ¹	
4:00-5:00	7				CPC	

1-Spring term, 3rd and 4th year classes meet together. 2-3rd and 4th year classes meet together.

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 nonscheduled hours. The entire class attends lectures and clinics,