

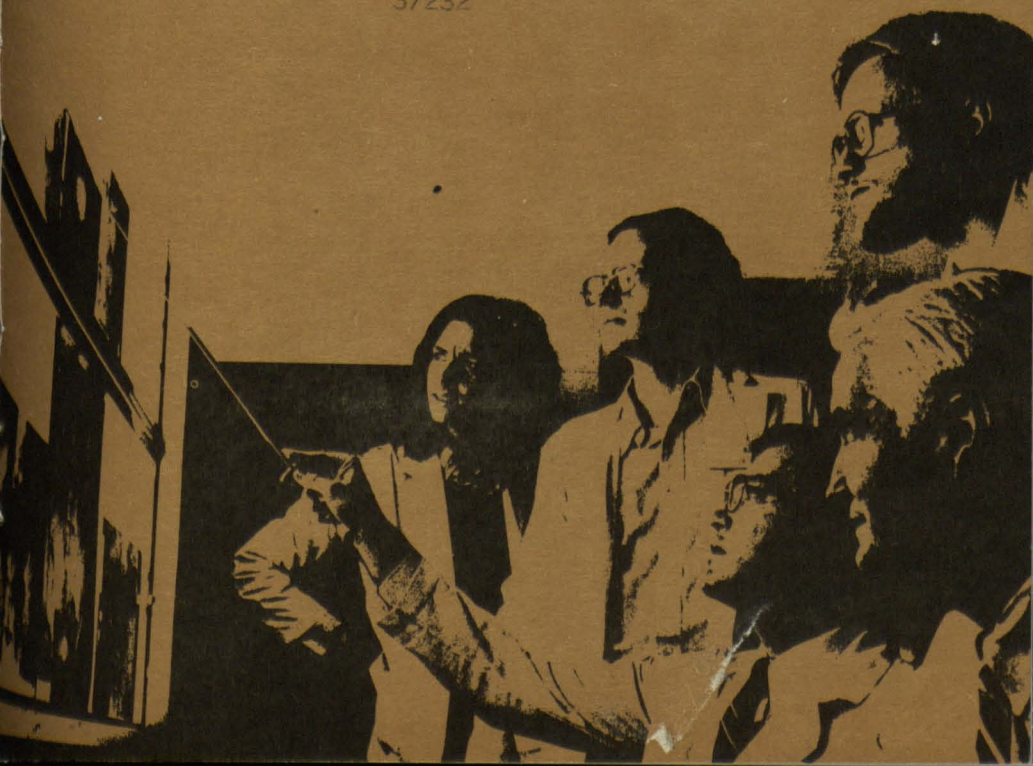
THE BULLETIN OF
VANDERBILT UNIVERSITY

Medicine

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Vanderbilt University School of Medicine



Artist's rendering of new Vanderbilt University Medical Center scheduled for completion by 1980. Parking garage (left) is connected by bridge to the 515-bed hospital. Rudolph A. Light Hall is as the right.



Contents

School of Medicine Calendar, 1977-78

FALL SEMESTER 1977

Registration 2nd, 3rd, and 4th years / Monday 29 August to 31 August
Classes begin 3rd year / Monday 29 August
Registration 1st year / Tuesday 30 August to 31 August
Classes begin 1st, 2nd, and 4th years / Thursday 1 September
Thanksgiving Day, a holiday / Thursday 24 November
Examination period, 1st and 2nd years / Monday 19 December to 21 December
Half semester ends / Wednesday 21 December
Christmas holidays begin / Thursday 22 December

SPRING SEMESTER 1978



School of Medicine



Vanderbilt University 1977-78

Containing general information
appointments and courses of study
for the 1977-78 session
corrected to 5 September 1977
Nashville

School of Medicine Calendar, 1977-78

FALL SEMESTER 1977

Registration 2nd, 3rd, and 4th years / Monday 29 August to 31 August

Classes begin 3rd year / Monday 29 August

Registration 1st year / Tuesday 30 August to 31 August

Classes begin 1st, 2nd, and 4th years / Thursday 1 September

Thanksgiving Day: a holiday / Thursday 24 November

Examination period 1st and 2nd years / Monday 19 December to 21 December

Fall semester ends / Wednesday 21 December

Christmas holidays begin / Thursday 22 December

SPRING SEMESTER 1978

Spring semester begins / Monday 2 January

Spring holidays 1st and 2nd years / Sunday 5 March to 12 March

Founder's Day / Thursday 17 March

Spring holidays 3rd year / Sunday 9 April to 16 April

National Boards (Part II) 4th year / Tuesday 11 April to 12 April

Spring holidays 4th year / Thursday 13 April to 16 April

Examination period 1st and 2nd years / Monday 8 May to 11 May

Commencement / Wednesday 17 May

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Examination period 3rd year / Monday 26 June to 29 June

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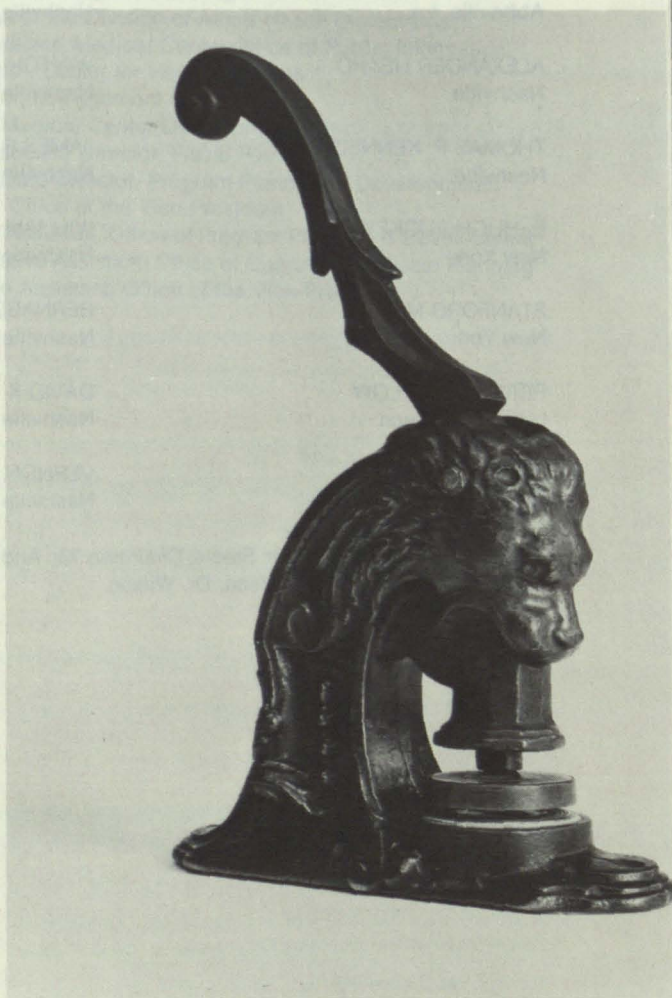
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Standing Committees

Admissions

The Admissions Committee has the responsibility of reviewing Medical School applications for admission and making recommendations for students to the Dean for the selection of those students who are considered to be the most qualified.

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JEFF R. CARR, J.D., Vice-President for Governmental Relations and General Counsel
ROBERT A. McGAW, Secretary of the University
HAROLD F. MILLER, LL.B., Treasurer
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SAMUEL B. RICHMOND, Ph.D., Dean of the Graduate School of Management
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SIDNEY F. BOUTWELL, M.A.T., Dean for Student Life
K. C. POTTER II, J.D., Dean of Residential and Judicial Affairs

WILLIAM O. BATTS, JR., Ph.D., University Registrar

School of Medicine



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LLOYD H. RAMSEY, M.D., Associate Dean
JOHN H. HASH, Ph.D., Associate Dean, Biomedical Sciences
FRED V. LUCAS, M.D., Associate Dean
WALTER G. GOBBEL, JR., M.D., Associate Dean, Veterans Administration Affairs
JOHN O. LOSTETTER, M.S., Assistant to the Dean
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PHILIP W. FELTS, M.D., Director, Division of Student Affairs
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RICHARD M. SCOTT, B.A., Director, Division of Student Services
PAUL E. SLATON, JR., M.D., Director, Division of Continuing Education
MACON SOMERVILLE, Assistant Director, Office of Financial Management, for Medical Affairs

Executive Faculty

John E. Chapman, *Chairman*. Lonnie S. Burnett, Leon W. Cunningham, Jack Davies, James H. Elliott, Gerald M. Fenichel, Paul P. Griffin, Joel G. Hardman, William H. Hartmann, Marc H. Hollender, A. Everette James, Albert S. Kaplan, David T. Karzon, Grant W. Liddle, Charles Rawlinson Park, Robert W. Quinn, Robert K. Rhamy, H. William Scott, Jr., Bradley E. Smith, Vernon E. Wilson. *Regular Non-Voting Members*: Richard O. Cannon, Walter G. Gobbel, Jr., John H. Hash, Lloyd H. Ramsey.

EXECUTIVE COMMITTEE OF THE EXECUTIVE FACULTY. John E. Chapman, *Chairman*. Jack Davies, Gerald M. Fenichel, Joel G. Hardman, Grant W. Liddle, Charles Rawlinson Park, Bradley E. Smith.

Standing Committees

(The Dean is an ex officio member of all standing and special committees.)

Admissions

The Admissions Committee has the responsibility of reviewing Medical School applications for admission and making recommendations to the Dean for the admission of those students who are considered best qualified.

F. Tremaine Billings, *Chairman*. Joseph H. Allen, Jr., Oscar B. Crofford, Jr., Robert A. Neal, David M. Regen, Sarah H. Sell, Warren W. Webb. *Ex officio*: Philip W. Felts, Richard M. Scott.

Advisory Council

The Advisory Council provides a formal structure for the synthesis of faculty opinion. It is advisory and has no power to implement its opinion except through the Dean. The council should provide the Dean and Executive Faculty with a long-range perspective on issues that the administration and Executive Faculty may not have the opportunity to develop while responding to day-to-day crises. Furthermore, the Advisory Council provides the faculty with an alternative channel of communication with the Dean through representatives other than the appointed departmental chairmen who compose the Executive Faculty.

W. Anderson Spickard, *Chairman*. Ronald E. Rosenthal, *Secretary*. David G. Bowers, Ian M. Burr, John G. Coniglio, Lubomir Hnilica, Martin G. Netsky, David N. Orth, David L. Page, William Schaffner.

Standing Policy Committees

Report to the Advisory Council. (For committee charges, see *Rules and Procedures of the School of Medicine*, Article II.) Each committee has a student representative.

BIOMEDICAL SCIENCES. Lubomir Hnilica, *Chairman*. Vivien Casagrande, Robert W. Harrison, Peter K. Law, George V. Mann, Edward Siegel. *Student Member*: Ronald Eugene Wilson.

FACULTY. William Schaffner, *Chairman*. James Gerlock, Jr., H. Earl Ginn, H. C. Meng, Howard B. Roback, Benjamin J. Wilson. *Student Members*: Andrew J. Friedman, Steven R. Hanor.

GOALS AND GOVERNANCE. Ian M. Burr, *Chairman*. Harry P. Broquist, S. Julian Gibbs, T. Mark Hodges, David N. Orth, Mildred Stahlman. *Student Member*: Donna Jean Jacobi.

HEALTH CARE. Martin G. Netsky, *Chairman*. F. Tremaine Billings, Craig Coulam, Fay M. Gaskins, Lewis B. Lefkowitz, Jr., Charles W. Quimby, Jr. *Student Member*: Mark Roger Mitchell.

HOUSE STAFF. Fred V. Lucas, *Chairman*. David G. Bowers, Arthur L. Brooks, Miles K. Crowder, Joanne L. Linn, John S. Sergent. *Student Member*: Darrell Peter Williams.

MEDICAL EDUCATION. Ronald E. Rosenthal, *Chairman*. R. Benton Adkins, Jr., John G. Coniglio, Dixie W. Frederiksen, Frederick K. Kirchner, James D. Snell, Jr. *Student Members*: Martin E. Bacon, William Jackson Huddleston.

Clinical Research Center

The Clinical Research Center Committee meets regularly to act upon new and current faculty research proposals for the use of the center, to formulate policy and review all aspects of the administration of the center, and to approve reports and applications by the center to the National Institutes of Health.

William W. Lacy, *Chairman*. Kenneth L. Brigham, John G. Coniglio, Oscar B. Crofford, John H. Exton, Harry L. Greene, Jacek Hawiger, Virgil LeQuire, John E. Liljenquist, William D. Salmon, Jr.

Continuing Education

The Continuing Education Committee has the responsibility of developing policies and providing leadership, liaison, and recommendation in the matter of departmental and institutional programs of instruction designed for presentation to those who have completed formal studies in their respective health fields. This year the committee should pay special attention to short- and long-range efforts in which the Medical School can feasibly be involved.

Dr. Paul E. Slaton, Jr., *Chairman*. Frank H. Boehm, John S. Derryberry, Thomas P. Graham, Jr., Embry A. McKee, William G. Sale III, John L. Sawyers, Steven L. Stroup.

Dean's Committee for Veterans Administration Hospital

The Dean's Committee is the fundamental administrative unit for development, control, and evaluation of educational programs at affiliated hospitals. It is composed of senior faculty members of school(s) of medicine associated with the V.A. Hospital. Vanderbilt Medical School members are appointed by the chief medical director of the Veterans Administration Hospital on nomination by the Dean of the Medical School.

Vernon E. Wilson, *Chairman*. John E. Chapman, Walter G. Gobbel, Jr., Leon W. Cunningham, Lloyd Elam, James H. Elliott, Paul Gazzerro, Jr., Joseph C. Gillespie, Paul P. Griffin, William H. Hartmann, Marc H. Hollender, A. Everette James, Jr., Grant L. Liddle, H. William Scott, Jr., C. Richard Treadway.

Educational Programs and Student Affairs

The Educational Programs and Student Affairs Committee is composed of students, faculty, and administration and serves as a forum for exchange of views and a continuing review of educational programs and policies in the broad spectrum of student affairs and medical education, and recommends to the Executive Faculty and Dean actions and policies which have the committee endorsement in these areas of responsibility.

Philip W. Felts, *Chairman*. Alan D. Cherrington, John G. Coniglio, Sandra G. Kirchner, John L. Shapiro, James D. Snell. *Student Members*: David J. Bylund, Ann Hutcheson Price. *Consultants*: Curtis Landry Baysinger, Deborah L. Bryant, James Robert Cato, Robert H. Latham, Thomas Jefferson Stokes, Jr.

Faculty Promotions and Appointments

This committee, appointed by the Dean, is responsible for consideration of faculty promotions in the School of Medicine and for examination of credentials of candidates for appointment to positions on the faculty.

William D. Salmon, Jr. *Chairman*. Lonnie S. Burnett, John G. Coniglio, Jack Davies, Virgil LeQuire, H. C. Meng, James A. O'Neill, Jr., Henry Pendergrass.
Student Members: James Richard Cooley, Edson O. Parker III, Ralph Davison Peeler. *Ex. officio*: Lloyd H. Ramsey.

Graduate Education

The Graduate Education Committee is the faculty body concerned with graduate student affairs and graduate programs in the Medical Center.

Leon W. Cunningham, *Chairman*. J.D. Corbin, Sidney P. Colowick, Loren H. Hoffman, Joel G. Hardman, Virgil LeQuire, Jay Sanders

Institutional Review Board for the Protection of Human Subjects

Vernon E. Wilson, *Chairman*.

The Institutional Review Board for the Protection of Human Subjects comprises a chairman and the committees of Behavioral Sciences and Health Sciences, which are composed of physicians, behavioral scientists, a staff attorney, and community members. Acting through its two committees, the board reviews research proposals involving human subjects with respect to the rights and welfare of the human subjects, the appropriateness of methods used to obtain informed consent, and the risks and potential benefits of the investigation. Approval of the board or one of its component committees is required prior to initiation of any investigation.

Behavioral Sciences Committee

Jum C. Nunnally, *Chairman*. Walter R. Gove, *Vice-Chairman*. Robert R. Appleson, J. Leiper Freeman, C. Lewis Lavine, Ellen Bradford Lea, John S. Sergent, David Slabosky, Hans S. Strupp, Donald L. Thistlethwaite, Raymond Woosley; one student member to be named.

Health Sciences Committee

Fred V. Lucas, *Chairman*. Thomas A. Ban, C. Denton Buchanan, Ian M. Burr, Barbara Chazen, John H. Hash, Sanford B. Krantz, Joyce K. Laben, C. Lewis Lavine, Ellen Bradford Lea, H. C. Meng, Robert A. Neal, Joan Atkins Sivley, William J. Stone.

M.D./Ph.D. Committee

The M.D./Ph.D. Committee has responsibility for admitting students to the M.D./Ph.D. program; for recommending candidates for fellowships and other funds available for the program; and for maintaining, on a continuing basis, a review of the activities and progress of the students in the program.

Charles Rawlinson Park, *Chairman*, Robert C. Boerth, Leon W. Cunningham, Jack Davies, Joel G. Hardman, A. Everette James, Albert S. Kaplan, Virgil S. LeQuire, Steven Schenker, Oscar Touster. *Student Member*: Stanley L. Barnwell. *Ex officio*: Daniel M. Buxbaum, Richard Scott.

Medical Center Library

The Medical Center Library Committee advises and informs the library director on developments likely to affect the library, helps bring about and support necessary changes in library policy and procedure, and assists and guides the director in raising funds for library support and in developing library policy.

William Schaffner, *Chairman*. Reba C. Barrett, Thomas E. Brittingham, Martin G. Netsky. Two members from the School of Nursing to be appointed. *Student Members*: Stephen Lamar Jones, Gregory William Shields. *Ex officio*: Frank P. Grisham, T. Mark Hodges.

Promotions (First and Second Year)

The Promotions Committee of the first and second years has the responsibility for reviewing student progress in each of these years and of making recommendations to the Executive Faculty concerning the progress and promotion of each student.

John G. Coniglio, *Chairman*. Robert F. Baxter, Robert D. Collins, Gary Duncan, John A. Freeman, Raymond D. Harbison, Loren H. Hoffman, Lewis B. Lefkowitz, Jr., L. Clifford McKee, Richard W. Moyer, Thomas Guv Pennington, David M. Regen. *Ex officio*: Philip W. Felts, Richard M. Scott.

Promotions (Third and Fourth Year)

The Promotions Committee of the third and fourth years has the responsibility of reviewing student progress in each of these years and making recommendations to the Executive Faculty concerning the promotion of students, in the case of the third year, and recommending to the Executive Faculty those students completing the fourth year who are deemed qualified to receive the M.D. degree.

Frank H. Boehm, *Chairman*. Robert F. Baxter, Thomas E. Brittingham, Gary Duncan, Conrad G. Julian, Joanne L. Linn, James A. O'Neill, Jr., David L. Page, Ronald E. Rosenthal, John S. Sergent. *Ex officio*: Philip W. Felts, Richard M. Scott.

Special Student Programs—Fellowships and Merit Awards

The committee is charged with responsibility for the overall coordinating of free-time fellowship experiences for medical students throughout the Medical School and elsewhere and recommends to the Executive Faculty institutional policy in this regard.

Philip W. Felts, *Chairman*. David Barton, Robert N. Brady, Ian M. Burr, William H. Hartmann, Elaine Sanders-Bush. *Student Members*: Ian McRae Birkett, Linda L. Hawkins.

University Animal Care Committee

The University Committee on Animal Care is responsible for the establishment and periodic review of University policy on the humane care and use of animals in experimentation. While not involved in the direct administration of any animal facility, the committee will make recommendations to the President on policies maintained by these facilities.

In reviewing and establishing such policies for animal care, the committee will consider prevailing federal, state, and local laws and guidelines and their applicability to situations unique to the Vanderbilt experience. The committee will also be concerned that its policies lead to standards which will enhance the quality of scientific investigation in the University.

The committee will be free to consult with and take recommendations to the Vice-President for Medical Affairs, the Provost and Executive Vice-President, and the deans of the various schools of the University as it formulates and reviews animal care policies.

Kenneth L. Brigham, *Chairman*. Robert R. Appleson, Thomas F. Barnes, Robert J. Barrett, Robert C. Boerth, Richard H. Dean, Robert Fox, Myron Holscher, James McKanna, H. C. Meng, Gary Novak, Laken G. Warnock, Marie Tallman Wasson, John A. Waterman.

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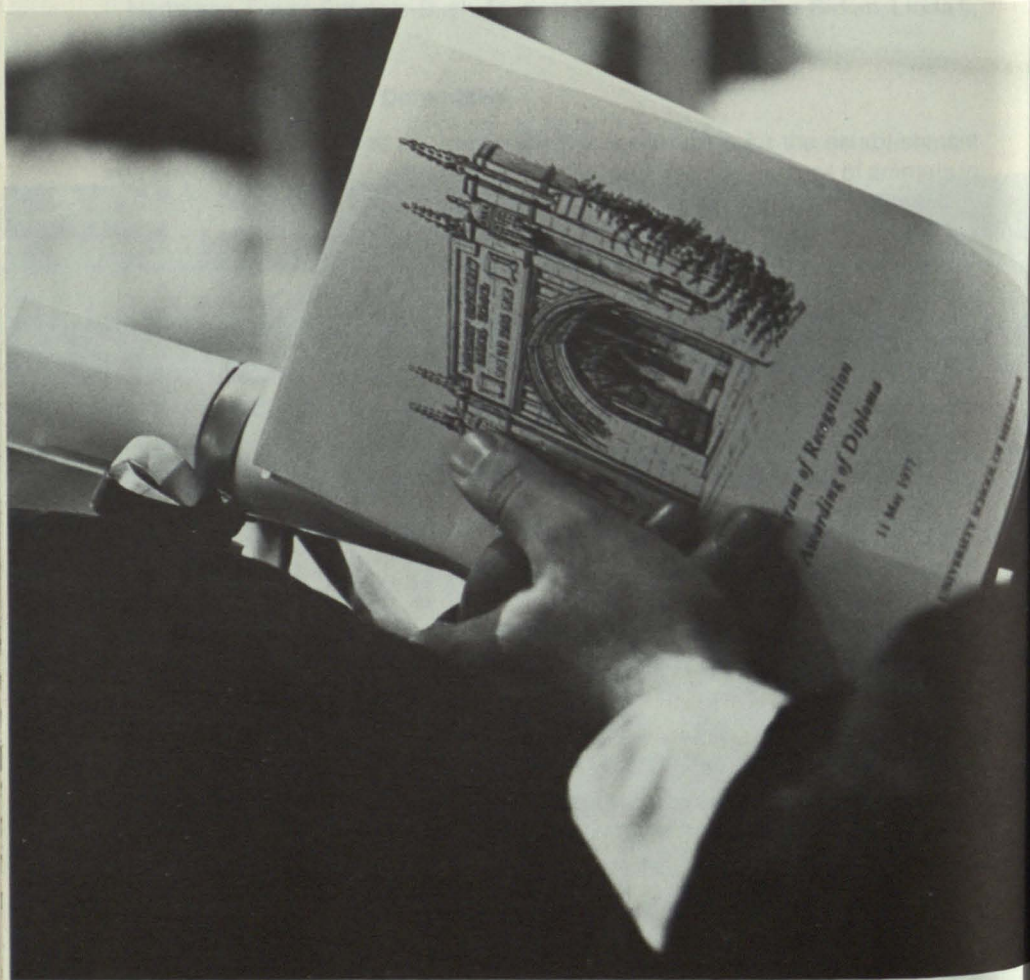
On Becoming a Physician



Special Student Programs—Fellowships and Merit Awards

The organization is charged with responsibility for the overall coordinating of special fellowships programs, the medical students throughout the Medical School who contribute and contribute to the Executive Faculty institutional policy in this regard.

Faculty: Peter C. Cameron, David S. Davis, Robert N. Drury, Ian M. Day, William J.



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On Becoming a Physician



VANDERBILT Medical School is committed to a program of physician education that is firmly grounded in basic medical science with emphasis on primary and tertiary health care and with sensitivity to the critical national need for improved health care delivery.

Medical students are instructed in formal lecture, seminar, and laboratory sessions, are involved in the learning experience of clinical activities, and are trained in scientific research methods for the solution of health problems. All three elements are inherent in the educational process of becoming a physician.

The essential components of teaching, research, and clinical experience are universal in all schools awarding the M.D. degree, and a minimum level of mastery is necessary if the student is to have the fundamental base of knowledge from which to launch a career in medicine. But the intensity with which the elements are applied varies, reflecting the different objectives and character of the nation's several medical schools and the aspirations of individual medical students.

The quality of the undergraduate medical student body as reflected in college record, medical college admissions test, interview impressions, and medical school attrition rate continues to improve year by year at Vanderbilt. The class of 103 first-year students in 1977 was selected from well over 6,000 applicants. The Medical School has one of the lowest attrition rates in the nation; less than 2 percent of Vanderbilt medical students fail to graduate within four years, compared to a national rate of 9 percent.

The excellence and outcome of the undergraduate medical education program can be demonstrated in several ways. A large percentage of Vanderbilt graduates continue in post-graduate training and Vanderbilt always ranks high on the National Board examinations. Vanderbilt has sustained its national status as a front rank medical school on the basis of a superior educational program, outstanding research productivity, and the prominence of its faculty effort on the local, national, and international scene.

The Nature of Medical Education

Medicine is a science-based profession, deeply grounded in humanitarian service. Its practice involves bringing the latest scientific

knowledge and technology to bear upon the diagnosis, treatment, and prevention of disease and the maintenance of health by means and procedures whose efficacy and validity have been rationally demonstrated.

Because medicine involves the application of a changing body of knowledge to the problems of health and disease, its students must have direct encounter with the scientific process and the current state of knowledge in the biomedical sciences. Similarly, the faculty of medicine must be engaged in the advancement of that knowledge. Students must be trained by educators who are capable of teaching up-to-date science, not merely imparting information they themselves were taught, a good part of which will have become obsolete. This can be accomplished only by a faculty that is involved in adequate measure with developments at the frontiers of scientific knowledge, in many diverse areas, through such scholarly pursuits as their own research activities.

Undergraduate medical education is but the beginning of a continuous process. After graduation from medical school there is a period of further formal training in specialized areas of medicine. For the physician who aspires to a career in academic medicine, additional post-doctoral training in research is desirable to qualify for a position on a medical school faculty. And for all physicians, during their active careers in medicine, a continuing need exists for self-improvement and study. The Vanderbilt program is designed to provide a sound basis for the physician graduate to enter any field of medicine in which he or she wishes to focus—family medicine, specialty medicine, academic medicine, or other pursuits relating to health and disease.

Objectives of the Program

The medical education faculty seeks to provide the aspiring physician with:

An understanding of the fundamental principles involved in human development, from its normal sequence to the disorders of development, structure, and function.

To reach this understanding, the student must acquire basic knowledge concerning the physical, chemical, biological, psychological, and social factors which affect human development.

The basic diagnostic skills to recognize disease and disorders in the patient.

To acquire these skills, the student must be trained to perform physical examinations and laboratory tests, and to interpret the results in the framework of the patient's unique history.

The knowledge of operative and therapeutic procedures to treat disease and disorders, and the techniques and resources for their prevention.

To acquire this knowledge, the student must have a direct involvement with sick patients and the clinical processes requisite for their treatment, and with the means available for the prevention of disease and for the maintenance of health.

The training that will enable the student to keep abreast of developments in medicine after the M.D. degree is earned.

The exponential rate at which medical knowledge has grown in the recent past, and the likelihood that it will continue to expand at an equally rapid rate in the future make it imperative that the student be exposed to the method, rigors, and techniques of scientific research in order to be able to evaluate the results of scientific investigation and use them wisely.

Vanderbilt has completed a century of professional medical education in a proud tradition. We begin our second century intensely aware of the tremendous efforts the future demands and prepared to participate in the constantly-evolving continuum of education with a keen sense of what the health care needs of tomorrow will be. Vanderbilt Medical School is charged to lead in identifying and meeting those needs, simultaneously enhancing already-developed strengths and examining changes from an historical perspective with concern for our focused mission as a school of medicine. If we are to avoid future shock, it will be because of the diversity of emphasis and strength which we have learned to rely upon during Vanderbilt's first hundred years.

The University

Vanderbilt celebrated the centennial of its founding in 1973. Commodore Cornelius Vanderbilt gave a million dollars to build and endow the University, with the wish that it would "contribute to strengthening the ties which should exist between all sections of our common country." The University has been the fortunate recipient of continued support from the Vanderbilt family and other private citizens.

Today, Vanderbilt more than fulfills the Commodore's hope. It is one of a handful of small private universities with a quality undergraduate program and a full range of graduate and professional programs—a private, selective university with a diverse student body of about 7,000. In the truest sense Vanderbilt is a "university" with the opportunity for involvement and contact with students in other disciplines and multidisciplinary study and research.

The 260-acre campus is about one-and-a-half miles from the downtown business district of the city, combining the advantages of an urban location with a peaceful and park-like setting of broad sweeping lawns, shaded paths, and quiet plazas.

Facilities off the campus include the Arthur J. Dyer Observatory, situated on a 1,131-foot hill six miles south.

The eight schools of the University offer the following degrees:

College of Arts and Science. Bachelor of Arts, Bachelor of Science.

Graduate School. Master of Arts, Master of Arts in Teaching, Master of Science, Doctor of Philosophy.

Divinity School. Master of Divinity, Doctor of Ministry.

School of Engineering. Bachelor of Engineering, Bachelor of Science, Master of Engineering.

School of Law. Doctor of Jurisprudence.

Graduate School of Management. Master of Management, Master of Business Administration, Doctor of Management.

School of Medicine. Doctor of Medicine.

School of Nursing. Bachelor of Science in Nursing, Master of Science in Nursing.

Vanderbilt is a member of the Association of American Universities and is accredited by the Southern Association of Colleges and Schools.

History of the School

The first diplomas of graduation from Vanderbilt University were issued to sixty-one new Doctors of Medicine on February 25, 1875, in an arrangement with the University of Nashville whereby that university's medical school was recognized as serving both institutions. The students could elect to receive their degrees from either university. Thus Vanderbilt embraced a fully-organized and functioning medical school before its own campus was ready for classes in October of that year.

The arrangement continued for twenty years, and the School of Medicine remained on the old "South Campus" for thirty more. In the beginning, the school was owned and operated as a private property of the practicing physicians and surgeons who composed the faculty and received the fees paid by students. This system was typical of medical education in the United States at that time. Vanderbilt made no financial contribution to the school's support and had no control over admission requirements, the curriculum, or standards for graduation.

In 1895, the school was reorganized under control of the Board of Trust. Admission requirements were raised, the course of study was lengthened, and the system of instruction was changed to make way for laboratory work in the basic sciences.

The famous report of Abraham Flexner, published by the Carnegie Foundation in 1910 and afterward credited with revolutionizing medical education in America, singled out Vanderbilt as "the institution to which the responsibility for medical education in Tennessee should just now be left." Large grants from Andrew Carnegie and his foundation and from the Rockefeller-financed General Education Board enabled Vanderbilt to carry out the recommendations of the Flexner Report. (These two philanthropies, with the Ford Foundation added in recent years, contributed altogether more than \$20,000,000 to the School of Medicine from 1911 onward.) The reorganized school drew upon the best-trained scientists and teachers in the nation for its faculty. The full benefits of the reorganization were realized when the decision was made to move the school to the main campus, thus integrating instruction in the medical sciences with the rest of the University.

During the phase of medical education which has evolved as an aftermath of the Flexner Report, Vanderbilt Medical School has built its educational program on a diverse base, grounded in biomedical science research and with emphasis on improved health services.

Vanderbilt Medical Center

The Medical School is one of the three operating arms of Vanderbilt Medical Center. The center's aim is to provide an environment in which students can learn the art and science of the medical profession and patients can receive the best possible care, while medical teachers and creative scientific scholars educate, heal, and work to unravel the mysteries of disease and pain.

The Medical Center seeks an appropriate balance between professional education; research; primary, secondary, and tertiary health care; and community education. The outstanding service of the Medical Center, and notably that of Children's Hospital, has established Vanderbilt's reputation as a referral center for the Southeast. Physicians from Tennessee, Kentucky, and Alabama, as well as from other states and several foreign countries, refer patients to Vanderbilt with medical problems which demand interdisciplinary skill and expert knowledge. As a result, students in the School of Medicine are exposed in the learning experience to a wider range of diseases and conditions than they would be likely to encounter in many years of private practice.

Laboratories and clinical facilities of the Medical Center are closely coordinated to allow a ready flow of ideas between medical science laboratories and the wards and outpatient clinics. This integration, which has facilitated interdisciplinary research activities between the

clinical and basic medical sciences, is one of the strongest aspects of the Medical Center's structure.

Facilities

When the school's new quarters on the main University campus were opened in 1925, they were called "the best arranged combination school and hospital to be found in the United States." The hospital was expanded by a number of beds in 1940 and again in the early 1960s. In the summer of 1977 ground was broken for a new University Hospital. It will take approximately three years to complete and will contain 514 beds within about 460,000 square feet of enclosed space.

The present hospital contains 535 beds and forty-five bassinets in seven service units: medicine, surgery, obstetrics and gynecology, pediatrics, ophthalmology, orthopedics, and psychiatry. There are eleven operating rooms and three delivery rooms. Outpatient clinics contain a series of examining, treatment, and teaching rooms for general medicine and surgery, dermatology, dental surgery, gynecology, neurology, obstetrics, ophthalmology, orthopedic surgery, otolaryngology, pediatrics, plastic surgery, psychiatry, and urology.

An addition to the Medical Center completed in 1977 provides space for nuclear medicine and the Obstetrics Outpatient Clinic. Several other new buildings are currently under construction and will be completed in the near future. Some of the principal units that constitute the Medical Center are included in the following list.

Rudolph A. Light Hall. This medical education building, of major significance to the School of Medicine, provides classroom and laboratory space for teaching and research. Named for Dr. Rudolph A. Light, former professor of surgery and member of the Board of Trust, it was completed in the summer of 1977. Light Hall is connected by a tunnel to the West Wing of the present hospital.

A. B. Learned Laboratories. Used for research in the sciences basic to medicine and health-related research being conducted by members of the University's medical and graduate faculty. This building, which joins the main building on the north, was completed in 1961.

Joe and Howard Werthan Building. Completed in 1972, houses offices of the Department of Psychiatry, the Clinical Research Center, laboratory space for clinical divisions, and lecture and conference rooms. The Clinical Research Center, a United States Public Health Service regional facility for research in clinical medicine, contains twenty-one beds and approximately 10,000 square feet of laboratory space. At the time of its

opening it was the largest noncategorical clinical research center in the nation.

West Wing. This addition to Vanderbilt University Hospital is a 154-bed patient care facility completed in 1962. The wing, which joins the main building at the southwest corner, is circular in shape with the nursing station on each floor located in the center, surrounded by rooms for patients. The wing houses a portion of the Children's Hospital.

West Court Building. Completed in 1964, the West Court building contains a greatly expanded X-ray Department, the main entrance to the University Hospital, offices for admission and discharge of patients, a newborn nursery, and additional space for the Department of Pediatrics and the Children's Hospital.

Zerfoss Student Health Center. Includes outpatient facilities and a twenty-six-bed inpatient unit. The center was completed in 1967.

Northwest Court Building. Completed in March of 1970, this building provides space for the Department of Neurology, the Division of Biomedical Sciences, the Division of Financial Management, and administrative offices for the Medical School.

Medical Arts Building. Erected in 1955 to provide part-time members of the clinical faculty with convenient office space.

Mary Ragland Godchaux Hall. Houses the Vanderbilt University School of Nursing.

Bill Wilkerson Hearing and Speech Center. A community-operated diagnostic and treatment center for audiological and speech problems.

Medical Center South. Includes in-patient facilities for psychiatry and the Jerry Lewis Neuromuscular Disease Research Center.

The Cooper Building. Nine miles from campus, on the grounds of the Middle Tennessee Mental Health Institute, the Cooper Building has been made available to Vanderbilt by the State of Tennessee. It houses Tennessee Neuropsychiatric Institute, which is dedicated to clinical and basic research in the area of mental health.

In addition to clinical facilities offered by the wards and outpatient clinics of the University Hospital, the School of Medicine has clinical privileges in the 2,300-bed Middle Tennessee Mental Health Institute through agreement with the State of Tennessee. Vanderbilt is also closely affiliated with the 500-bed Veterans Administration Hospital, it being a Dean's Committee hospital containing 240 beds and outpatient facilities. The Nashville Metropolitan General Hospital is another affiliate of the School of Medicine; chiefs of service of this hospital are all members of the Vanderbilt faculty. The School of Medicine is also affiliated with St. Thomas Hospital in Nashville.

The Library

The Medical Center Library was founded as the library of the School of Medicine in 1906. It was moved to its present location in the Medical Center in 1964; these quarters were improved and expanded in 1977. In common with other libraries on campus, the library became in 1938 a part of the Joint University Libraries (JUL) system which encompasses the libraries of Vanderbilt University, Peabody College, and Scarritt College. Through facilities of the JUL the reader has access to well over 1,400,000 volumes covering all fields of knowledge. Divisions of JUL on the Vanderbilt campus, in addition to Medicine, are the Central Library and the libraries of Science, Divinity, Law, and Management.

The Medical Center Library serves the bibliographical and informational needs of all at Vanderbilt University who are engaged in the study, teaching, or practice of the health sciences. The nucleus of the collection was the private library of Dr. Richard Douglas, donated by the Nashville Academy of Medicine. Over the years the collection has been augmented and enriched by gifts, large and small, in cash and in kind, from numerous individuals and institutions. Contributions are invited from those who wish to honor or memorialize relatives, friends, or colleagues. Foundation and government grants have also played their part in building and strengthening the library; however, the School of Medicine has traditionally provided the major portion of the library's budget, with additional support now coming from the School of Nursing, the Hospital, and other Medical Center sources.

The library contains over 100,000 volumes, of which about two-thirds are bound periodicals. It receives more than 1,500 current periodicals and serial publications. There is seating for 200 readers. A collection of materials illustrating the history and development of the literature of medicine, especially that of the United States, is kept in the History of Medicine Room.

A wide range of services is available, including reference assistance and advice on bibliographic matters; instruction and orientation in use of the library; literature searches; information retrieval; document delivery and inter-library loan; and the usual circulation, reserve book circulation, and copying services. The full range of service is available during the day Monday through Friday. The library is open evenings, weekends, and holidays for study and research, and for the circulation and copying of materials.

The Medical Center Library participates in various cooperative ventures and projects, including the Southeastern Regional Medical Library Program (SERMLP) which provides bibliographic outreach service to the region's hospitals and other health-care institutions. The library has

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on-line access to the several computer-based information retrieval services that are now available. More detailed information is available at the library.

Development of the library depends very much on the interest of its users. Suggestions for acquisitions and for the improvement of services are invited and encouraged.

Professional Staff

- T. MARK HODGES, A.L.A., Director
BYRD S. HELGUERA, M.L.S., Associate Director
MARY FRIEL BROWN, B.S.L.S., Acquisitions Librarian
SHARON K. BUTLER, M.L.S., Reference Librarian
WILLIAM J. DARBY, M.D., Ph.D., Honorary Curator for Special Medical Collections—Nutrition
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ELLEN HALE, M.S.L.S., Head Technical Process Librarian
FRANCES LYNCH, M.L.S., Monographs Librarian
HARRY S. SHELLEY, M.D., Honorary Curator of the Historical Collection
ANN B. STORY, M.S.L.S., Reference Librarian
MARY H. TELOH, M.A., Serials Librarian

Nashville University Center

Vanderbilt is a member of a consortium of universities and colleges called the Nashville University Center. Other member institutions are Fisk University, Meharry Medical College, George Peabody College for Teachers, and Scarritt College for Christian Workers. An interchange of courses is permitted among the member institutions.

The City

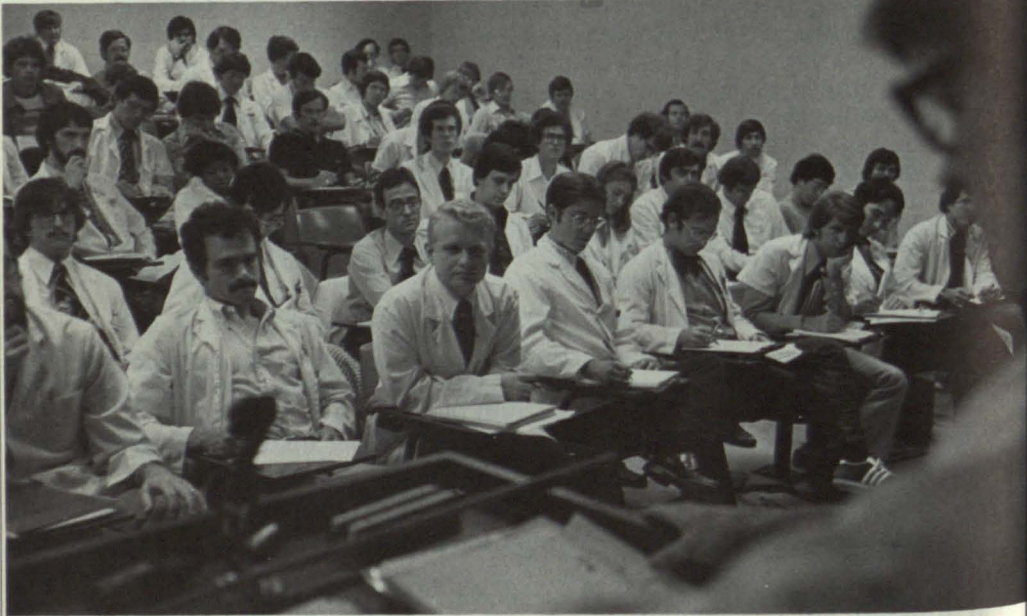
A medical student is benefited in many ways by attending school in Nashville, a city of over half a million situated in the bluegrass region of Middle Tennessee. In 1964, Nashville and surrounding Davidson County were merged to form a metropolitan government system, one of the country's most significant developments in local government.

The city's fifteen colleges and universities include two major medical schools, and the study of medicine is enriched by Nashville's status as a regional medical center for the Southeastern states.

Nashville offers much beyond the study of medicine. Known as "Music City U.S.A.," it is a leading center for music and the recording industry, with musical attractions ranging from the "Grand Ole Opry," America's oldest radio show, to the Nashville Symphony Orchestra.

Recreational opportunities are in abundance. There are more than 5,000 acres of public parks in the city, and the surrounding region of lakes and rolling hills is dotted with parks and recreation areas. Students enjoy Centennial Park across the street from the campus, and some of the country's best bluegrass music just one block away.

Nashville is above all a dynamic and optimistic city. It has a growing population and one of the healthiest and most diversified economic bases in the nation.



The City of Nashville is a dynamic and optimistic city. It has a growing population and one of the healthiest and most diversified economic bases in the nation. Nashville is a dynamic and optimistic city. It has a growing population and one of the healthiest and most diversified economic bases in the nation. Nashville is a dynamic and optimistic city. It has a growing population and one of the healthiest and most diversified economic bases in the nation.

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Admission

THE School of Medicine selects its students from the following three categories:

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 college after having completed successfully one year of work in the School of Medicine. A properly accredited statement to this effect from the college shall accompany all applications for admission as seniors in absentia. A form is furnished for this purpose.
3. Students of U.S. or foreign universities of recognized standing who have completed three years of collegiate education may be admitted to the School of Medicine at the discretion of the Committee on Admissions.

Decisions regarding an invitation to study medicine at Vanderbilt are made by the Committee on Admissions based upon an evaluation of the applicant's ability, preparation, motivation, and suitability to function as a medical student and thereafter as a physician in general practice, in one of the specialties, in research medicine, or in other endeavors based upon the M.D. degree.

Minimum Requirements

Candidates must present evidence of having satisfactorily completed during the undergraduate years 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:

Biology. Eight semester hours including laboratory work. The course may be general biology, zoology, or zoology and botany, or similar studies in biological science, but not more than half may be botany.

Chemistry. A minimum of 16 semester hours is required. Eight of these must be in general inorganic chemistry including laboratory work. A minimum of 8 semester hours credit in organic chemistry is required, covering aliphatic and aromatic compounds and including lab work.

Physics. Eight semester hours are required including laboratory work. It is desirable that emphasis be placed on quantitative laboratory work.

English and Composition. Six semester hours.

Candidates are urged to take courses in college which will strengthen their foundation in basic natural and social sciences, mathematics, and cultural background.

Medical College Admission Test

The Medical College Admission Test is given under the auspices of the Association of American Medical Colleges, and is required of applicants to Vanderbilt. It is given twice a year at most universities and colleges. Since the examination score is used by medical schools in the selection of applicants, candidates should take the test, at the latest, in the spring prior to the time application is submitted.

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

Application Procedure for Admission

As a convenience to the applicant, Vanderbilt School of Medicine participates in the American Medical College Application Service. All application materials may be obtained through AMCAS by writing:

American Medical College Application Service
Association of American Medical Colleges
Suite 301
1776 Massachusetts Avenue Northwest
Washington, D.C. 20036

The Committee on Admissions evaluates the initial application received through the application service. Applicants receiving favorable initial review are invited to file a final application which includes an interview and a request for letters of evaluation. Applications are received any time after 15 June and before 1 November preceding an anticipated fall semester enrollment date. Vanderbilt participates in the Early Decision Program through the American Medical College Application Service.

Successful applicants who receive official invitations are required to make a deposit of \$50. This deposit is credited toward payment of the first tuition and is returnable until 1 March, in the event the student does not matriculate.

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Admission to Advanced Standing

Admission to advanced standing is uncommon but possible. Applicants who have satisfactorily completed two years of study at approved medical schools may be considered for admission to advanced standing where space exists and when the applicant meets the following requirements:

1. Application for advanced standing must be filed. A deposit of \$50 is required of successful applicants.
2. Applicants must furnish evidence of having satisfied the conditions of admission and of having completed all the work required of students in the class they desire to enter.
3. Applicants must present a certificate of honorable dismissal from the medical school they have attended and be eligible for continuing enrollment in their medical school of origin if they so desire.
4. Completed applications and supporting credentials for advanced standing must be received in the Office of Student Services no later than 15 October preceding the fall semester for which the applicant is applying for enrollment to advanced standing. Decisions concerning advanced standing are made as soon as practical upon receipt of the completed application and information regarding the availability of class space as known to the Committee on Admissions.
5. The 15 October deadline may be waived by the Admissions Committee where they find justifiable cause.

Further information and application forms concerning admission to advanced standing should be addressed to the Director of Student Services.

Visiting Students

Visiting students are permitted in the Medical School, providing class space is available, with approval of the department in which course work is visited and with concurrence of the course instructor and the Associate Dean for Medical Education. Since visiting students have no status as Vanderbilt medical students they are not issued credit for their experience, nor do they establish a medical school-based record. The regular opportunities and prerogatives of regularly enrolled medical students are not available to visiting students. The visiting student is subject to all regulations of the University as well as to any special regulations relating to visiting student status as determined by the department, the course instructor, or the Dean or his deputy.

Admission to Advanced Standing... Candidates will be... Admissions to advanced standing is... candidates who have satisfactorily completed two years of study at... medical schools may be considered for admission to advanced standing... where space exists and when the applicant meets the following require-



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The Academic Program

THE curriculum is divided into a basic set of required courses taken by all students and elective courses which may be chosen. Required courses constitute the nucleus of medical education at Vanderbilt; elective courses are an integral part of each student's educational experience in the Medical School, providing considerable flexibility in individual programs. Each student is assigned a faculty adviser to aid in the selection of elective courses; and the program of electives must be approved by the Dean or his designate.

All electives are courses for credit, graded on the same basis as required courses. The following types of courses may be elected: lecture series; specialty clinics, clinical clerkships, or research experience, at Vanderbilt or other institutions; Vanderbilt undergraduate or graduate courses.

Two hours each week have been designated for presentations of school-wide interest, e.g., lectureships, medical society meetings, student papers. The attendance of all students and faculty is expected.

The Medical School curriculum is scheduled in conjunction with the common University calendar, and is divided on a semester basis. Students are encouraged to participate in a summer research fellowship program.

The curriculum is under constant review by both faculty and students, and is subject to timely change as recommended by the Educational Programs and Student Affairs Committee and approved by the Executive Faculty.

Major Courses

First Year. Biochemistry, gross anatomy, histology, the nervous system, physiology, and psychiatry. Most of the year is spent in the study of anatomy, biochemistry, and physiology. Saturday mornings and all day Wednesday during the second semester are reserved for study and electives. Electives available to the freshman cover a wide range of subjects, e.g., fundamental principles in use of radioisotopes, topics in general physiology, medicine in families and the community, medical genetics, medical ethics.

Second Year. Methods in clinical science, microbiology, pathology, and pharmacology. Courses include microbiology, pathology, pharmacology, medical statistics, preventive medicine, and psychiatry. Students begin the study of patients during the second semester, when all the clinical departments cooperate in providing an introduction to history taking, physical examination, and laboratory study of patients through a series of lectures, demonstrations, and individual practice by the student. A variety of electives may be taken, either on Wednesday or at times scattered through the week.

Third Year. Medicine, obstetrics-gynecology, pediatrics, surgery, psychiatry, neurology, and orthopedics. Ward clerkships occupy the third year. Students have close contact with a limited number of selected patients under the supervision of attending physicians and house staff.

Fourth Year. Elective experiences in basic science and/or clinical areas. During one semester seniors serve as clinical clerks in electives in the Outpatient Service. Here they have opportunity to see disease in its earlier stages, when diagnosis is more difficult, under conditions of office practice, and with opportunities for follow-up examinations and observation over relatively long periods.

Seniors have an entire semester designated as elective for inpatient clerkships. The opportunities for use of this elective semester include research fellowships in a clinical or preclinical department, at Vanderbilt or other institutions: advanced ward clerkships in clinical areas; combinations of a variety of specialty clinics and lecture courses. The flexibility of the fourth-year curriculum gives the student maximum opportunity for individual development.

HOURS

MONDAY

TUESDAY

WEDNESDAY

THURSDAY

FRIDAY

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1st Year Fall Semester

		<i>Schedule of Courses</i>						
HOURS	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY		
8:00-12:00	Biochemistry	Anatomy		Anatomy	Biochemistry	Anatomy		
1:00-2:00	Biochemistry	Psychiatry		Anatomy	Biochemistry			
2:00-4:00		Anatomy		Dean's Hour				
4:00-5:00								

1st Year Spring Semester

		<i>Schedule of Courses</i>						
HOURS	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY		
8:00-12:00	Anatomy	Physiology		Physiology	Anatomy			
1:00-4:00	Anatomy	Physiology		Physiology	Anatomy			
4:00-5:00	Medical Statistics	Psychiatry		Dean's Hour				

1. Elective time is unshaded.
2. Most freshmen should take 4-5 elective hours each semester.

2nd Year Fall Semester

Schedule of Courses

HOURS	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
8:00	Pathology	Epidemiology Med. Stat.		Pathology	Pathology	
9:00						
10:00		Pathology				
11:00						
12:00						
1:00	Methods in Clinical Science	Microbiology		Microbiology	Psychiatry	
2:00						
3:00						
4:00	Epidemiology Med. Stat.	Student-Faculty Hour		Dean's Hour		

1. Elective time is unshaded.
2. Most sophomores should take 4-5 elective hours each semester.
3. Clinical-pathological conferences will routinely be given in the Tuesday Student-Faculty Hour.

2nd Year Spring Semester

Schedule of Courses

HOURS	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY

2nd Year Spring Semester

Schedule of Courses

HOURS	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	
8:00	Pharmacology	Methods in Clinical Science		Radiology	Pharmacology	Pharmacology	
9:00				Psychiatry			
10:00				Preventive Medicine			
11:00							
12:00							
1:00	Methods in Clinical Science	Methods in Clinical Science		Methods in Clinical Science	Pharmacology		
2:00							Student-Faculty Hour
3:00							
4:00				Dean's Hour			

1. Elective time is unshaded.
2. Most sophomores should take 4-5 elective hours each semester.
3. Clinical-pathological conferences will routinely be given in the Tuesday Student-Faculty Hour.

Schedule of Courses

3rd Year

HOURS	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	Wards: 10 weeks, Medicine; 10 weeks, Surgery; 5 weeks, Pediatrics; 5 weeks, Obstetrics and Gynecology; 5 weeks, Psychiatry; 2½ weeks, Neurology; 2½ weeks, Orthopedic Surgery					
1:00-4:00						
4:00 P.M.	34 hrs Surgery 6 hrs Neurology	CPC / Radio-biology	20 hrs Medicine 20 hrs Pediatrics	Dean's Hour	12 hrs Med Law 11 hrs Anesthesiology 11 hrs Ob-Gyn 6 hrs Psychiatry	

1. Elective time is unshaded.
2. Minimal elective hours = 0
3. Clinical-pathological conferences will routinely be given in the Tuesday Student-Faculty Hour.

3rd Year (1st half)

Rotation, in groups of one-sixteenth of class

STUDENT GROUP	1st 5 weeks	2nd 5 weeks	3rd 5 weeks	4th 5 weeks	
1	Medicine	Medicine	Surgery	Surgery	
2					
3					
4					
5	Psychiatry	Neu	Medicine	Medicine	
6					Orth
7		Orth			
8		Neu			
9	Pediatrics	Ob-Gyn	Psychiatry	Neu	
10					Orth
11					Neu
12					Orth
13	Surgery	Surgery	Pediatrics	Ob-Gyn	
14					
15					
16					

3rd Year (2nd half)

Rotation, in groups of one-sixteenth of class

STUDENT GROUP	5th 5 weeks		6th 5 weeks		7th 5 weeks		8th 5 weeks	
1	Pediatrics		Ob-Gyn		Psychiatry		Neu	Orth
2	Ob-Gyn		Pediatrics		Neu	Orth	Orth	Neu
3	Ob-Gyn		Pediatrics		Orth	Neu	Psychiatry	
4	Ob-Gyn		Pediatrics		Pediatrics		Ob-Gyn	
5	Surgery		Surgery		Ob/Gyn		Pediatrics	
6	Surgery		Surgery		Ob/Gyn		Pediatrics	
7	Surgery		Surgery		Ob/Gyn		Pediatrics	
8	Surgery		Surgery		Ob/Gyn		Pediatrics	
9	Medicine		Medicine		Surgery		Surgery	
10	Medicine		Medicine		Surgery		Surgery	
11	Medicine		Medicine		Surgery		Surgery	
12	Medicine		Medicine		Surgery		Surgery	
13	Psychiatry		Neu	Neu	Medicine		Medicine	
14	Psychiatry		Orth	Orth	Medicine		Medicine	
15	Neu	Orth	Psychiatry		Medicine		Medicine	
16	Orth	Neu	Psychiatry		Medicine		Medicine	

4th Year

Rotation, in groups of one-sixth of class

Semester A. 18 weeks clerkship assignments.

Semester B. 18 weeks clinic assignments.

STUDENT GROUP	FALL SEMESTER			SPRING SEMESTER		
	1st unit	2nd unit	3rd unit	1st unit	2nd unit	3rd unit
1	A	A	A	B	B	B
2	A	A	A	B	B	B
3	A	A	A	B	B	B
4	B	B	B	A	A	A
5	B	B	B	A	A	A
6	B	B	B	A	A	A

Semester A. Three academic units of clerkship assignments.

Semester B. During one academic unit of the clinic semester, students are required to perform Emergency Room duty on a regularly assigned basis, except those students who have major ER experience at Nashville General Hospital as part of their clerkship in Medicine, Pediatrics, or Surgery.



An important part of the educational experience is the opportunity for students to learn from each other in an informal setting.

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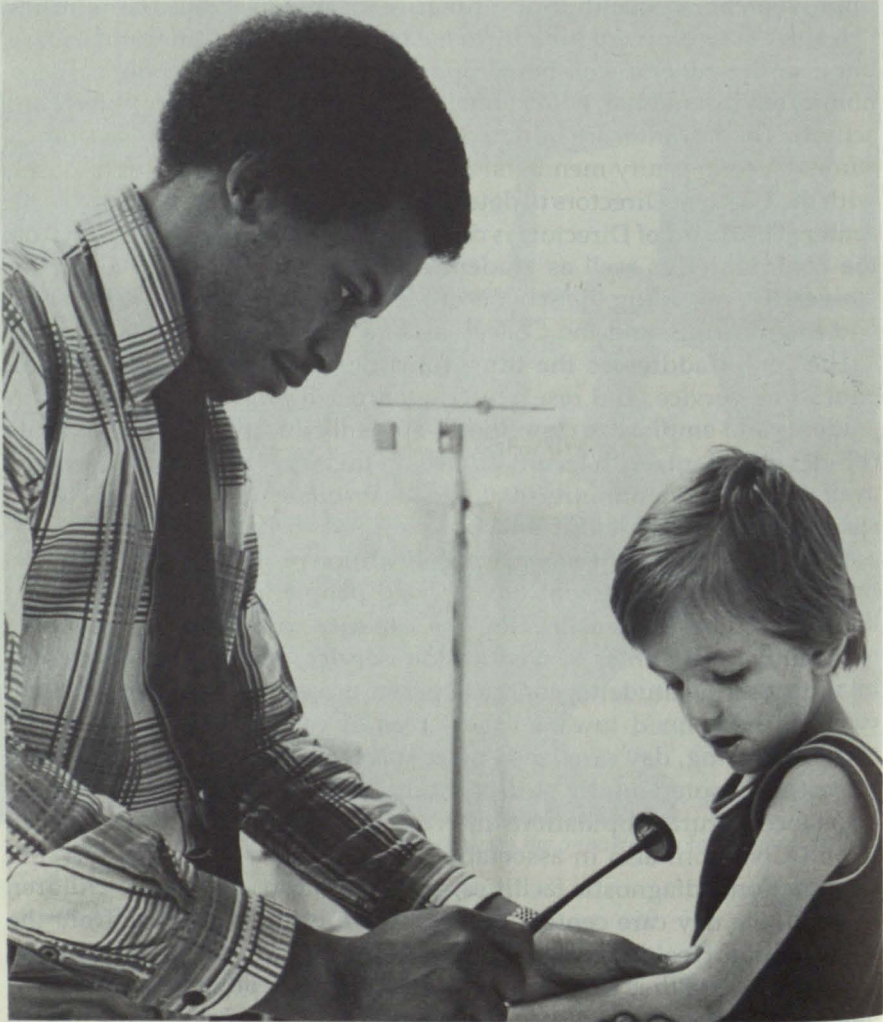
Center for Health Services

THE Center for Health Services is a multidisciplinary entity with campus-wide student and faculty participation and representation. It was founded in 1971 for the purpose of encouraging and pursuing improvements in health care, primarily for underserved communities. "Health" is interpreted broadly to mean not only freedom from disease, but also the general well-being of an individual: social, political, economic, environmental, educational, and psychological. The projects and activities of the center are initiated and managed by cooperative action of students, community members, and faculty. The director works closely with the Board of Directors to determine and develop the programs of the center. The Board of Directors is designed to include representation from the community as well as student and faculty representatives of the University, including the schools of Medicine, Nursing, Law, Divinity, and Engineering, and the College of Arts & Science.

The center addresses the three functions of a university endeavor: education, service, and research. The outreach projects are directed by students and emphasize community-student education and community self-development, with faculty advice. In this way, an effective means is available for the community to utilize the resources of the University and learn to develop self-sufficiency.

The East Tennessee Student Health Coalition project provides organizing assistance to geographically isolated people in Appalachia so that those communities can develop the capacity to determine their own needs and acquire their own education, service, and research functions. In addition, the students conduct special projects at the request of the communities aimed toward other areas of community development, such as housing, day care, and environmental and legal issues. Another project, sponsored jointly with Meharry Medical College, offers similar assistance to rural populations in West Tennessee. The Urban Student Health Coalition, also in association with Meharry, provides physical examinations, diagnostic facilities, and health care delivery to children in Nashville day care centers which receive primary support from the Metropolitan Health Department and the UGF. In recognition that an individual's health is closely associated with many other factors, dental, nursing, social work, and special education students also provide help to the child. The students work in teams so that they can be concerned with the whole child and his family.

The curriculum component has been developed with full campus participation, and is designed around current issues of the health care delivery system. It includes courses sponsored jointly with other schools and departments of the University. Programs vary in terms of length and format, including full semester courses as well as workshops and seminars. Faculty is drawn from all areas of the University. At present, course offerings are non-credit and elective credit in certain departments.



Third-year student examines patient in the Comprehensive Developmental Evaluation Center as part of a summer fellowship.

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The M.D./Ph.D. Program

THE combined M.D./Ph.D. program is designed to develop teachers and investigators in the clinical and basic medical sciences. The program allows the student to study a basic biomedical science in depth and to do research in some phase of that subject while concurrently pursuing studies leading to the medical degree. This training will develop the skills and techniques necessary for an experimental approach to problems in basic and clinical medical sciences. The program is designed for students aspiring toward careers in academic medicine.

The M.D./Ph.D. program fully meets the Medical School requirements for the Doctor of Medicine degree and Vanderbilt Graduate School requirements for the Doctor of Philosophy degree. The combined degree program usually requires six to seven calendar years beyond the baccalaureate for completion. Although some saving of time is built into the program, there is no implication that the combined degree program circumvents, alters, or dilutes requirements for either the M.D. or the Ph.D. degree. The intent is to utilize optimally the strengths of each school.

Admission to the Program

Applicants must apply to and be accepted by each school independently, before admission to the combined M.D./Ph.D. program can be considered. In the case of the Medical School, the regular application for admission is reviewed by the Medical School Committee on Admissions. To be accepted by and subsequently admitted to the Graduate School, the student must complete the standard Graduate School application which includes the designation of a major department. Selection of a graduate department is necessary to satisfy Graduate School requirements and to promote optimal guidance; however, students may change departments early in the program if desired.

Once admission to each school is obtained, the prospective student must apply for admission to the combined M.D./Ph.D. training program. This application should be sent to Dr. Daniel M. Buxbaum, Director of Educational Operations. The student's application is reviewed by the M.D./Ph.D. Committee, which selects and recommends to the Dean those students qualified for admission to the joint program.

Students who have completed one or more years in medical or graduate school may apply for admission to the combined degree program following the above procedures.

Course of Study

Admission to the combined M.D./Ph.D. program provides the student with the option of joint or alternate registration in the graduate and medical schools. The student should work closely with a selected or assigned faculty adviser in all matters related to enrollment, registration, course selection, and scheduling. The usual course of study is divided into several phases. The first phase consists of the first two years of medical school which are devoted largely to the basic biomedical sciences. Most students enter the graduate school part of the program (Ph.D. studies) after the sophomore year of medical school. During this second phase the student meets Graduate School residency requirements. The student is encouraged to complete much, if not all, course work, research, and writing for the Ph.D. dissertation during this phase. The third phase consists of the clinical rotations of the junior year and the clinical clerkships of the senior year of medical school. A fourth phase may be necessary to complete research and dissertation. Students should refer to both the Medical and Graduate School catalogues for specific information on residency and course requirements, credits (hours) needed, examinations, research, and the writing of the dissertation.

Attention is called to the assignment of course credit toward the graduate school and/or medical school degree. In the department of the major, only the basic course may be allowed for credit toward the medical degree and the Ph.D. degree. All other approved courses will be allowed for credit toward either the Ph.D. degree or the M.D. degree, but not both. Certain Graduate School courses may be taken as part of the elective program in the Medical School and be applied toward formal course work requirements of the Ph.D. degree. The M.D./Ph.D. student must be officially enrolled in any one semester in both the Medical and Graduate Schools to "insure" appropriate assignment of credits.

Further post-graduate training beyond the M.D. and Ph.D. degrees depends on the student's career plan. The graduate who wishes to do basic research ordinarily undertakes a period of post-doctoral study and research. Graduates desiring further training in the environment of clinical medicine should complete an internship and residency training program in an area of clinical interest.

Financial Support

Special funding is possible, but only for those who have already gained admission to joint M.D./Ph.D. studies.

Students who wish financial support should so indicate on their initial individual application and on their application to the combined program. The limitations of financial support create a competitive situation in the selection process. In accepting financial support for the joint M.D./Ph.D. program, the student agrees that M.D./Ph.D. studies will be the principal effort and further agrees not to undertake concurrently any other gainful employment or effort without the formal approval of the committee and school officers responsible for the program.

In general, financial support is arranged by mutual agreement of the department chairman, the M.D./Ph.D. Committee, and the Dean of the Medical School. Various sources of funds are available with each having different application requirements, restrictions, obligations, and levels of support. Some potential sources for support available to the student are included in the following:

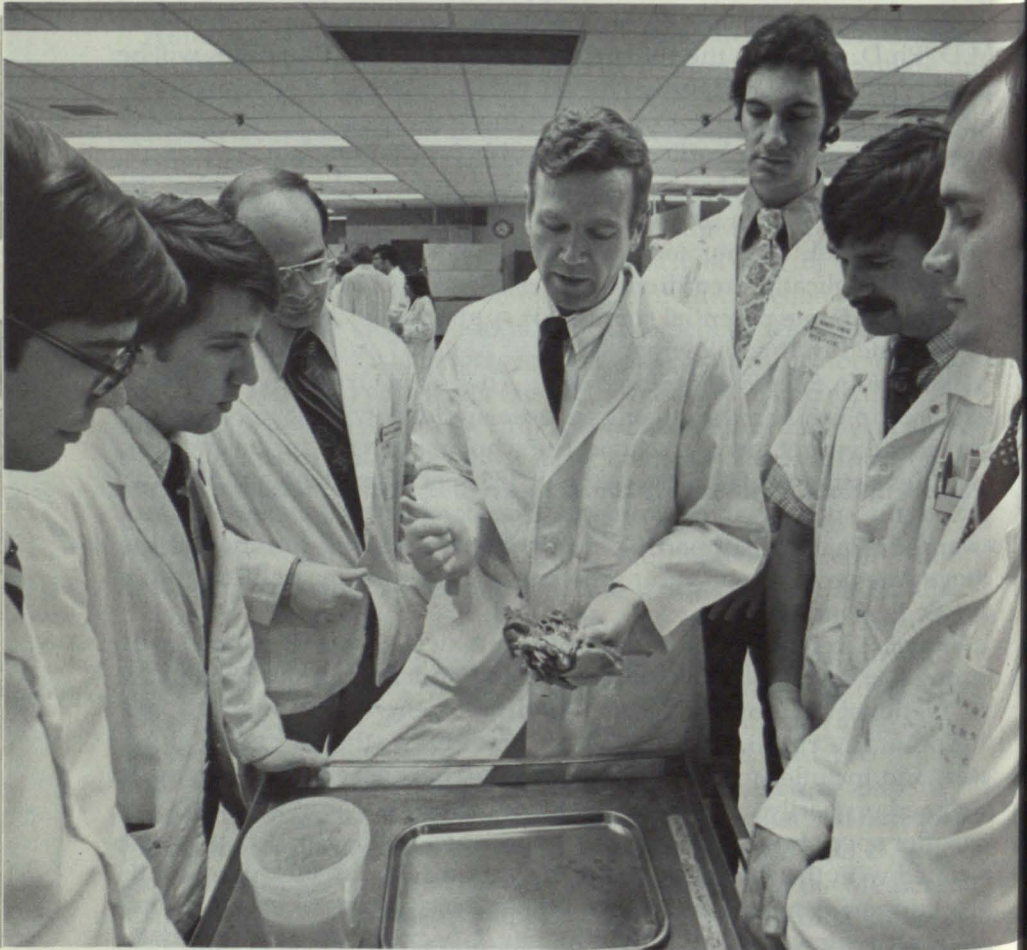
Vanderbilt Scholarship Program. This is a privately endowed scholarship ordinarily available to those students who have completed the second year of medical school. The scholarship pays tuition and fees, provides a stipend of \$2,500 a year plus \$500 per dependent, and \$500 per year to the sponsoring department for research-related expenses. Once awarded, financial support from this scholarship will continue at the above rates contingent upon satisfactory performance, until the M.D. degree is awarded.

National Research Service Award. Financial support is available through an institutional grant awarded to Vanderbilt Medical School by the National Institute of General Medical Sciences. The support pays tuition at the current level (1977/78), provides a stipend of \$3,900 per year, and includes funds for fees and related expenses. This support is assigned primarily to qualified incoming students. The students should consider special requirements, restrictions, and obligations that are associated with this source of financial support. As with all federal funding, support is guaranteed for only one year at a time since all federal funds are reviewed and funded annually. Generally, funds are renewed and support is continued.

Departmental Support. Limited resources are available at the departmental level. Some tuition remission fellowships are available as well as some stipend support either from federal training grants or research funds. Interested students should request from their faculty

adviser or department chairman specific information on availability of this type of support.

Personal Support. Refers to the student's own resources or sources of funds. Approved students for the M.D./Ph.D. program who do not receive financial support from any of the above sources may remain in the joint program at their own expense.



Students examine diseased tissue in pathology laboratory.

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Academic Regulations

THE School of Medicine operates under the Honor System. All work submitted as a part of course requirements is presumed to be the product of the student submitting it unless credit is given in the manner prescribed by the course instructor. Cheating, plagiarizing, or otherwise falsifying results of study are prohibited. The student, by registration, acknowledges the authority of the Medical School Honor Council.

Requirements for M.D. Degree

Candidates for the Doctor of Medicine degree must be mature and of good moral character. They must have spent at least four years of study or its equivalent as matriculated medical students at an acceptable medical school as judged by the Vanderbilt Medical Admissions Committee; the last two years must have been in this school. They must have completed satisfactorily the medical curriculum, have passed all prescribed examinations, and be free of indebtedness to the University. Students fulfilling these requirements will be recommended for the degree Doctor of Medicine.

Advisers

The Vanderbilt Medical School has one of the lowest attrition rates in the country. The faculty and administration take an active interest in assuring that each student achieves to maximum capability. Advisers, both student and faculty, and staff members of the office of the Dean are available to assist students toward successful development of their plans.

The National Boards

All second-year students are required to take for credit Part I of the National Board Examinations in June following completion of second-year studies, and all fourth-year students are required to take for credit Part II of the National Board Examinations in the fall or spring of the fourth year. Performance on National Board Examinations is significant to student promotion as one of several performance criteria considered by the Promotions Committee.

Certification in Basic Sciences

Many states now require examinations in the basic science subjects (anatomy, bacteriology, chemistry, pathology, and physiology). 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 achieve certification in the basic sciences as soon as possible. Successful completion of Part I of the National Boards serves to meet the basic science requirement in many states.

Examinations and Promotions

Successful completion of the courses of the medical curriculum and scholastic standing are determined by the character of the student's daily work and the results of examinations. Examinations may be written, oral, or practical, and may be held in conjunction with each course or at the end of each semester, by a committee composed of the instructors responsible for the student's more important courses. Promotion is considered by a committee of the faculty at the end of each academic year. The committee, on recommendation of the several departments, recommends to the Executive Faculty for promotion those students who have demonstrated personal, professional, and intellectual achievement consistent with faculty expectations for them at their particular stage of professional development. Students who are deficient in a major area or areas will be required to complete additional efforts satisfactorily in order to remedy deficiencies. Students who are deficient in a major undertaking or who demonstrate marginal performance in a major portion of their work may be denied further enrollment. Student academic performance is evaluated on the following levels: Superior, 88-100, Satisfactory, 75-87, Marginal, 70-74; Unsatisfactory, 69 and below.

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

Any student who fails to pass a course will be required to remove the failure before being permitted to enter the courses of the next academic year. Any student who indicates by work or conduct that he or she is unfit for the practice of medicine may be required to withdraw from the school at any time.

Extracurricular Work

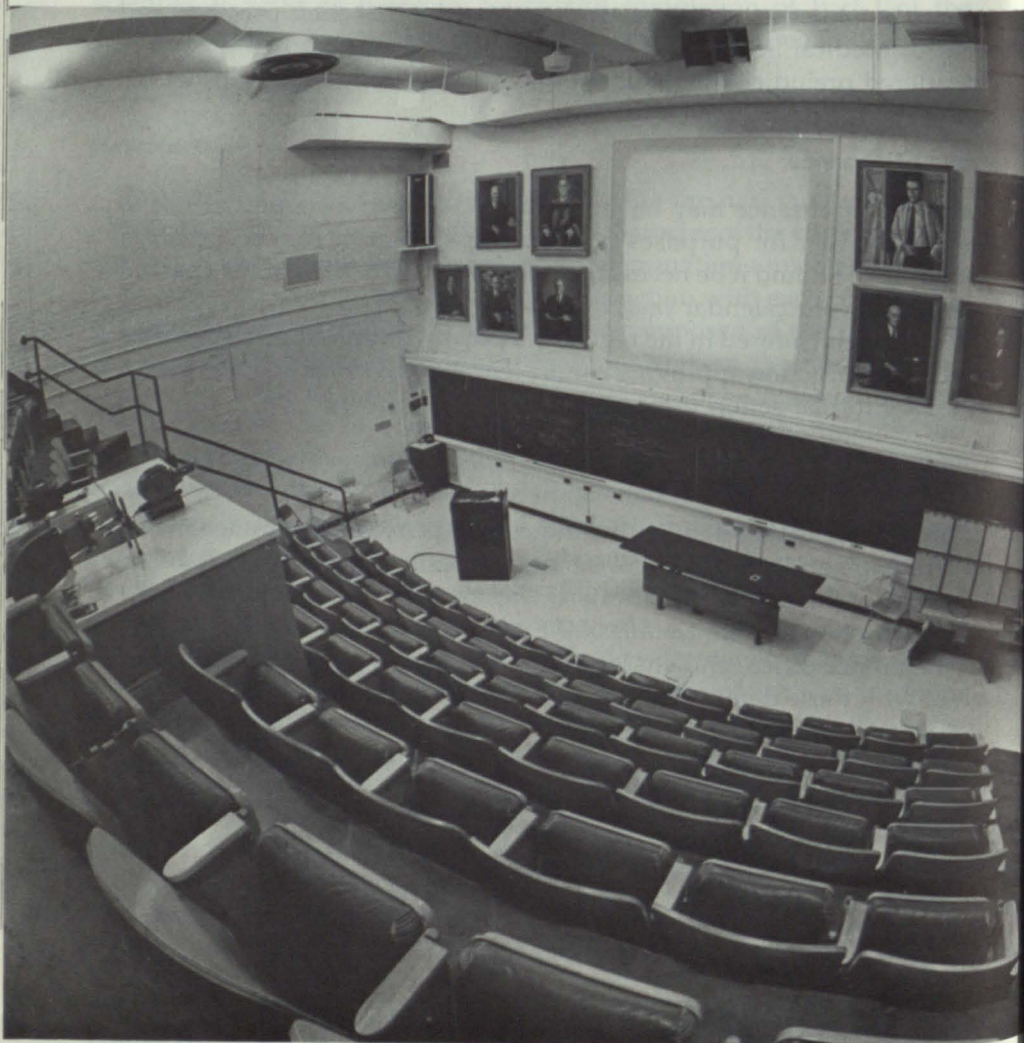
The Medical School does not regulate the outside work of its students although it does take the firm position of discouraging outside work. No outside commitments may be assumed by medical students which obligate them in a way that can compromise their responsibilities at the Medical School. Students are encouraged to evaluate carefully their obligations outside the regular curriculum in order that their progress and work in Medical School will be in no way jeopardized. If the work is considered prejudicial the student may be required to discontinue it.

Leave of Absence

A leave of absence may be granted by the Dean for a period not to exceed one year for purposes of approved studies or for recuperation from illness. Should it be necessary for a student to be absent for a period of more than one calendar year, the student must make formal reapplication and be considered in the regular way by the Admissions Committee unless special action approving a more lengthy leave of absence is established by formal action through the Executive Faculty.

Student Liability Insurance

Student negligence liability insurance is required of all enrolled medical students, and students will be automatically covered with liability insurance at the time of registration. The annual premium is \$50, which is in addition to tuition. Details of the policy are available at the University insurance office, and students are encouraged to familiarize themselves with these details and with their responsibilities in this regard.



Conferences, classes, and patient demonstrations have been conducted in the medical school amphitheater since 1925.

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Lectureships



ALPHA OMEGA ALPHA LECTURE. The Alpha Omega Alpha Honor Medical Society each year invites a scientist of prominence to deliver a lecture before the students and faculty and local members of the medical profession. The first lecture was given during the school year 1926/1927.

THE BARNEY BROOKS MEMORIAL LECTURESHIP IN SURGERY. In 1952 through the generosity of a Vanderbilt alumnus an annual lectureship was established to honor the memory of Dr. Barney Brooks, formerly professor of surgery and head of the department, and surgeon-in-chief of Vanderbilt University Hospital. As a fitting memorial to Dr. Brooks these lectures have been given by physicians who have made distinguished contributions in clinical or investigative surgery. The first Barney Brooks Memorial Lecture in Surgery was given during the spring of 1953.

LEONARD W. EDWARDS MEMORIAL LECTURESHIP IN SURGERY. This annual lectureship was established in 1972 by the family and friends of Dr. Leonard Edwards, who was professor of clinical surgery, in recognition of his more than fifty years of contributions to Vanderbilt and the Nashville community as a distinguished surgeon and teacher. The first lecture was given in 1972 by Dr. Lester Dragstedt. Lectures usually concentrate on surgery and physiopathology of the alimentary tract.

THE ABRAHAM FLEXNER LECTURESHIP. In the fall of 1927 Mr. Bernard Flexner of New York City gave \$50,000 to Vanderbilt University to establish 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 with a department of the School of Medicine. The first series of lectures was given in the fall of 1928.

THE ERNEST W. GOODPASTURE LECTURE. In 1968 the Goodpasture Lecture was established by a friend of Vanderbilt University and of the Department of Pathology, Mrs. George M. Green, Jr. The lecture is to honor the memory of Dr. Ernest William Goodpasture, distinguished chairman of the Department of Pathology from 1925 until his retirement in 1955. Each year a lecturer prominent for achievements in research or in medical education is selected. The first lecture was given in the fall of 1971.

PAULINE M. KING MEMORIAL LECTURESHIP. This lectureship was established in 1962 by Mr. Robert F. King of Klamath River, California, as a memorial to his wife. Each year a distinguished thoracic or cardiovascular surgeon is invited by the Department of Surgery to lecture at Vanderbilt School of Medicine. The first Pauline M. King Memorial Lecture was given in the spring of 1963.

M. GLENN KOENIG VISITING PROFESSORSHIP IN INFECTIOUS DISEASES. This visiting professorship was established in 1973 through the generosity of alumni, faculty, friends, and the family of the late Dr. M. Glenn Koenig who served as professor of medicine and head of the Division of Infectious Diseases. In recognition of Dr. Koenig's unexcelled ability to teach at the bedside, the Department of Medicine invites physicians of unusual competence in the teaching of clinical infectious diseases to join the Division of Infectious Diseases for short periods to spend time on the wards and in discussions with students, house staff, fellows, and faculty. The first visiting professorship was held in 1973.

PAUL DUDLEY LAMSON MEMORIAL LECTURE. This annual lectureship was instituted in 1965 in memory of Dr. Lamson who was professor of pharmacology and chairman of the Department of Pharmacology from 1925 until his retirement in 1952. A prominent pharmacologist is brought to the campus each year under the sponsorship of the alumni and staff of the Department of Pharmacology.

GLENN A. MILLIKAN MEMORIAL LECTURE. This lectureship was established in 1947 in memory of Dr. Millikan, professor of physiology, by members of the then second-year class. It has subsequently received support by means of a capital fund by Dr. Millikan's father and mother, Dr. Robert A. Millikan and Mrs. Gretna B. Millikan, and friends. Contributions have been made to the fund by members of the founding class and other students. The lectureship is maintained to provide a distinguished lecturer in physiology.

HUGH J. MORGAN VISITING PROFESSORSHIP IN MEDICINE. This visiting professorship was established in 1959 through the generosity of faculty, former house officers, and friends of the late Dr. Hugh J. Morgan, who served as professor of medicine and chairman of the department at Vanderbilt from 1935 through 1959. As a tribute to Dr. Morgan and his outstanding qualities as a superior clinician, the Department of Medicine invites a distinguished physician to spend one week in residence, during which time the physician assumes the teaching duties of the professor of medicine with students, house officers, and faculty. The first visiting professorship was awarded in 1959.

THE ELLIOTT NEWMAN VISITING LECTURESHIP. This lectureship was formally established by the Board of Trust of Vanderbilt University in 1977. Dr. Newman was a distinguished scientist and medical scholar, an outstanding clinician and teacher, and a loyal friend and faculty member of the School of Medicine for a period of twenty-one years.

THE COBB PILCHER MEMORIAL LECTURE. In 1950 the Pi 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 Phi Chi fraternity. Each year a lecturer of prominence is selected. The first lecture was given in 1950.

THE RHAMY-SHELLEY LECTURE. This annual lectureship was established in 1972 through efforts of former residents in urology at Vanderbilt University Medical Center. It honors both the present chairman of the Division of Urology, Dr. Robert K. Rhamy, and the former chief of the Division of Urology at the Nashville Veterans Administration Hospital, Dr. Harry S. Shelley. An outstanding urologist, from either the United States or abroad, is invited to spend four or five days as visiting professor in the Division of Urology, to join with former residents and other urologists in demonstrations of surgical technique and diagnostic acumen, as well as in a series of formal lectures.

THE CHARLES J. THUSS, SR., AND GERTRUDE NOBLE THUSS LECTURESHIP IN PLASTIC AND RECONSTRUCTIVE SURGERY. This lectureship was established in 1977 by Dr. Charles J. Thuss, Jr., Medical Class of 1961, of San Antonio, Texas, in honor of his parents. The lectureship is funded in collaboration with the Department of Plastic Surgery for the purpose of bringing distinguished lecturers in the field of plastic and reconstructive surgery to the Vanderbilt campus.

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Honors and Awards



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-eighth of the students of the fourth-year class are eligible for membership and only one-half of the number of eligible students may be elected to membership during the last half of their third year. The society has for its purpose the development of high standards of personal conduct and scholarship and the encouragement of medical research. Students are elected into membership on the basis of their scholarship, character, and originality.

Founder's Medal

This medal is awarded to the student in the graduating class of the School of Medicine who in the judgment of the Executive Faculty has achieved the strongest record in the several areas of personal, professional, and academic performance in meeting the requirements for the Doctor of Medicine degree during four years of study at Vanderbilt.

Other Prizes and Awards

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 in Nashville, is awarded to the student showing the greatest progress in neurology and psychiatry and who is otherwise worthy and deserving.

ALBERT WEINSTEIN PRIZES IN MEDICINE. Three prizes established in memory of Albert Weinstein, M.D., are awarded at graduation to senior students who, in the opinion of the faculty of the Department of Medicine, merit recognition for high scholastic attainment and the qualities which characterize the fine physician.

Dr. Albert Weinstein was graduated from Vanderbilt University in 1926 and as founder's medalist from Vanderbilt School of Medicine in 1929. Following training at Vanderbilt and Johns Hopkins he returned to Vanderbilt as chief resident in medicine, 1933-1935, and served as a distinguished member of the faculty and clinical professor of medicine until his death on 1 October 1963. Despite a busy and successful practice, Dr. Weinstein contributed regularly to the medical literature and maintained a major interest in the teaching of medical students. These prizes were established in 1964 by contributions from friends, associates, and former patients of Dr. Weinstein.

DEAN'S AWARD FOR STUDENT RESEARCH PRESENTATION. A prize of \$100 is awarded for the most outstanding research paper presented by a medical student.

UPJOHN AWARD. This award is given each year to a medical student in the graduating class who is distinguished by an outstanding record throughout medical education from the several standpoints of scholastic, personal, and professional achievement, as well as performance as a member of the Vanderbilt community. The Upjohn Award is provided through the interest and generosity of the Upjohn Pharmaceutical Company.

AMOS CHRISTIE AWARD IN PEDIATRICS. Established in 1970 by an anonymous donor, this award provides \$250 to the student in the graduating class who has demonstrated the outstanding qualities of scholarship and humanity embodied in the ideal pediatrician. The award honors Dr. Amos Christie, professor of pediatrics, emeritus, who was chairman of the Department of Pediatrics from 1943 to 1968.

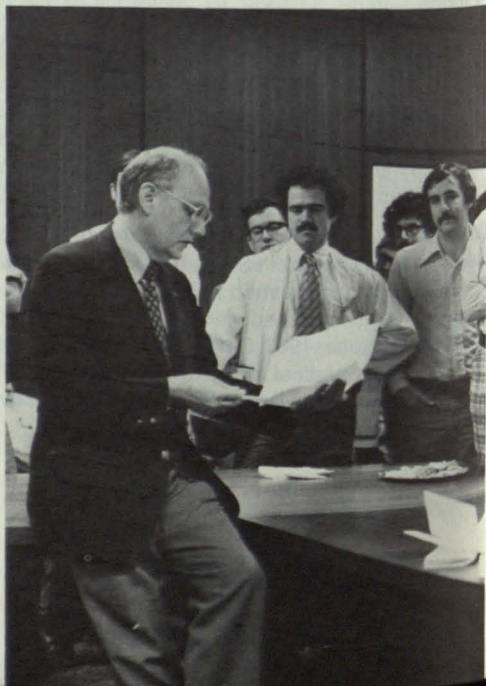
JOHN L. SHAPIRO AWARD FOR EXCELLENCE IN PATHOLOGY. This award, given upon action of the Department of Pathology, recognizes outstanding student contributions to experimental pathology. It is given annually or otherwise depending upon action by the department.

HOSPITAL AFFILIATES SCHOLARSHIP AWARD. This award of \$500 each is made annually on recommendation of the Dean to two students who have, in his view, demonstrated outstanding qualities of scholarship, leadership, and humanitarian service in the context of student status.

SURGICAL CLERKSHIP AWARD. This award is presented annually by the section of surgical sciences to a student who has had a superior performance in the third-year surgical clerkship and who plans to enter graduate education in surgery. The award includes an expense-paid attendance at the annual meeting of a national surgical society.

HOSPITAL AWARD FOR EXCELLENCE. This award recognizes the senior medical student selected by the chief residents of all the services as having made the largest personal contribution toward quality patient care by demonstrating sensitivity, compassion, and concern in his or her clinical responsibilities to patients.

Dean Chapman meets with senior students to announce results of the National Internship and Residency Matching Program.



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Life at Vanderbilt

THE University provides accommodation for as many graduate and professional students as possible. Housing is limited, however, and many new students must seek accommodation off campus.

Medical students living on campus are housed in apartments. Married students with small children will find the housing convenient. Single students are expected to share apartments and can realize savings by sharing expenses of both room and board.

Apartments for graduate and professional students are available twelve months of the year to accommodate those who pursue studies and research when the schools of the University are not in session.

University Housing Facilities

Lewis and Morgan houses are eleven-story buildings, each with efficiency and one- and two-bedroom apartments, furnished and unfurnished. Included in all apartments are electric range, refrigerator, sink with disposal, kitchen cabinets with formica counter tops, and draperies. About a third of the one- and two-bedroom units are furnished with sofa, desk-bookcase, dining table and four chairs, lounge chair, end table, bed(s), dresser, and night stand. No lamps are provided. The second bedroom in the two-bedroom furnished apartments is left empty for the tenant to equip according to individual needs.

The buildings are centrally air conditioned with individual controls in each apartment. Laundry rooms, storage rooms, lounge, indoor playroom, and a fine new outdoor playground are provided. Rent includes electricity, hot and cold water, heat, and air conditioning. Telephone service is arranged by the occupant.

Oxford House, located near the Medical Center, contains furnished and unfurnished efficiency and one-bedroom apartments. All units are equipped with electric range, refrigerator, natural wood cabinets with formica counter tops, and venetian blinds. The furniture in furnished units is basically the same as in Morgan and Lewis. Since no arrangements are made for children, these apartments are normally assigned to married students without children or to single graduate students. Rent includes electricity, hot and cold water, heat, and air conditioning. Telephone service is arranged by the occupant.

The Highland-Forde apartments, constructed shortly after World War II, are two-bedroom furnished units with small lawn and porch. Of concrete block construction, these apartments are not air conditioned and are heated with a space heater. Because of the slightly lower rent and the appeal to students with families, there is normally a waiting list for Highland-Forde apartments.

Policies and Procedures for On-Campus Housing

The apartments in Morgan, Lewis, Oxford, and Highland-Forde are leased for the entire academic year. The resident must be a full-time student at Vanderbilt to be eligible for housing in these facilities. Should the occupant of an apartment cease to be a student, the apartment must be vacated within five days.

Occupancy of University housing is subject to the terms and conditions of a lease executed by the occupant.

Limited housing on campus for graduate and professional students requires an early deposit of \$50 to reserve an apartment. Requests for refund of the deposit will be considered if the request is received in writing by 1 July. All housing inquiries should be directed to: Housing Division, Box 1677, Station B, Nashville, Tennessee 37235.

University Food Services

There are four principal dining facilities on campus: Rand Dining Hall, Branscomb Dining Hall, the Divinity Refectory, and the Commodore Room Snack Bar. A liberal board plan which offers interchangeable dining and selection of meals may be contracted for by the semester at \$214 for approximately 50 percent of all meals offered exclusive of holidays or recess periods. Supplements of 10 percent for \$41.40 may be purchased on request and charged to the student's account.

Student Health Service

The Student Health Service staff of three internists, a psychiatrist, and two nurse practitioners maintain full medical and psychiatric services and counseling. All Vanderbilt students are eligible to use the Student Health Service.

A computerized health history questionnaire will be mailed to each student on acceptance. This is to be filled out and mailed in the pre-addressed envelope, along with a check for \$9. The completed questionnaire is required of all new students prior to registration.

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For the protection of themselves and others against communicable diseases, all new medical students receive chest x-rays and tuberculin skin tests during their orientation. All new students are required to have had tetanus toxoid immunization within ten years, and current polio immunization.

The University operates the Health Service and Infirmary for students with mild illnesses. For major illnesses students are admitted to Vanderbilt University Hospital. At hours when the Student Health Service is closed students may receive medical care at the Emergency Service of the Vanderbilt University Hospital. A student identification card must be presented.

The Health Service has the policy of maintaining complete health records on all students. Students admitted to a hospital, seen in an emergency room, or seen by a private physician, should request that their physician forward a summary of the illness and treatment to the Health Service.

The University reserves the right in its discretion to require the withdrawal of a student for physical or emotional reasons. Students withdrawn under such circumstances may be readmitted upon demonstration that the condition requiring withdrawal has been corrected.

Student Insurance Plan

All students at Vanderbilt are required to have adequate hospitalization insurance coverage, and all students who register before 1 September will automatically be covered with hospital insurance at the time of their registration. Late registering students must make individual application to be insured. The annual premium will be \$86.50, which is in addition to tuition. Coverage extends from 21 August until 20 August of the following year, whether a student remains in school or is away from the University. This plan is designed to provide liberal hospital, surgical, and in-hospital medical care benefits; students are supplied with a brochure which explains the limits and exclusions of insurance coverage as well as the benefits. A student who does not wish to subscribe to the University's insurance plan must notify the University of adequate coverage under another policy; a special form for this purpose should be obtained from the Office of Student Services. It must be submitted before 1 September for fall semester or before 1 January for spring semester new enrollees. Married students who wish to provide hospital insurance for their families must apply and pay an additional premium.

All inquiries as to details should be directed to Blue Cross-Blue Shield of Tennessee, 502 James Robertson Parkway, Nashville, Tennessee 37219. Telephone (615) 242-4346.

Psychological and Counseling Center

The Interuniversity Psychological and Counseling Center offers comprehensive psychological services to Vanderbilt students. It is staffed by clinical psychologists and is located on the third floor of Oxford House at the corner of 21st Avenue South and Dixie Place.

Included in the services offered are individual and group psychotherapy, marital counseling, and educational and career counseling. A Reading Improvement and Student Skills Program is offered by the center; there is a \$35 fee for this program.

Appointments may be made by visiting the center or by calling 2571.

Athletic Facilities

Vanderbilt Memorial Gymnasium may be used by medical students and their families. Facilities include an enclosed heated swimming pool. Vanderbilt is a member of the Southeastern Conference. Teams compete for conference titles in baseball, basketball, football, golf, swimming, and tennis. Tickets to Vanderbilt basketball and football games may be purchased at reduced rates.

Campus Security

The Department of Security and Safety has as its highest priority the safety of students. The department maintains a full-time staff of well-trained commissioned security officers, with several recent graduates on the force, augmented by student security officers. A large corps of security Reeves, most of them students on four-hour shifts, around the clock in certain residential areas, provides security for the residence halls themselves.

Vehicles

Parking space on campus is severely limited.

Student cars, motor bikes, and bicycles must be registered with the Department of Security and Safety. Depending on their class and residence, students will be assigned to specific areas of the campus for parking purposes, but all are urged to secure off-campus parking whenever possible.

Traffic violations which occur on the campus subject the violator to monetary fine and may result in further disciplinary action.

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Financial Information

THE minimum annual expense of a student in the School of Medicine, exclusive of clothes and incidentals but including living accommodations, is estimated as approximately \$6,500.

Tuition and Fees

Tuition (subject to change in 1978/79)	\$3,650
Application fee (to accompany final application form only)	25
Diploma fee (charged to graduating students)	10
Student activities fee (Sarratt Center)	10
Microscope usage fee	85
Hospitalization insurance	87
Health history questionnaire	9
Student negligence liability insurance	50

Rates for tuition and fees are subject to review and change.

First-year medical students who are also three-year students in the College of Arts & Science are required by the College to pay a \$60 fee.

Students who register for the regular courses in the 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 and later become candidates for the Doctor of Medicine degree may be required to pay the full tuition as indicated above.

Tuition, fees, and other University charges are due and payable not later than thirty days after the date of billing each school year. An arrearage in tuition for any session must be paid before grades are posted to the student's record.

Microscopes, Books, and Equipment

First-year and second-year students are provided microscopes by the University. The usage fee for this service is included in the tuition and fee schedule and is required of all students in these classes.

All students must have clean white laboratory coats. In their second year students must acquire hemocytometers and ophthalmoscopes.

The minimum cost of books is approximately \$200-300 per year. Purchases made at the Vanderbilt Book Store are on a cash basis.

Education Records

Vanderbilt University is subject to the provisions of federal law known as the Family Educational Rights and Privacy Act (the Buckley Amendment), affording to students rights of access to education records and imposing obligations on the University in the release and disclosure of those records to third parties.

In order to comply with Regulations promulgated pursuant to the Buckley Amendment, Vanderbilt University has formulated and adopted institutional policies and procedures to be followed by the University and by those who are interested in gaining access to education records. Copies of these policies can be obtained by students who are or have been in attendance at Vanderbilt University from the University Registrar, 316 Kirkland Hall. The final Regulations pursuant to the Buckley Amendment will also be available for inspection by students.

For purposes of the Buckley Amendment, Vanderbilt University has designated the following information as "directory information" and may make such information available to any person without the student's consent: the student's name, address, telephone number, date and place of birth, major field of study, participation in officially recognized activities and sports, weight and height of members of athletic teams, dates of attendance, degrees and awards received, the most recent previous educational agency or institution attended by the student, and other similar information. Any student who does not wish disclosure of directory information should notify the University Registrar in writing, specifying the type or types of directory information to be withheld. Such notification must be given within a reasonable period of time after the completion of the student's first registration of the academic year.

If a student believes that the University has failed to comply with the Buckley Amendment and does not wish to utilize the grievance procedure set forth in the University policies and procedures to resolve a grievance, or is dissatisfied with the outcome of such procedure, the student can file a written complaint with the Family Educational Rights and Privacy Act Office, Department of Health, Education and Welfare, 330 Independence Avenue, S.W., Washington, D.C. 20201

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Honor Scholarships

JUSTIN POTTER MEDICAL SCHOLARSHIPS. The Justin Potter Medical Scholarships commemorate Mr. Justin Potter, a Nashville business man, industrialist and financier. These scholarships were established in 1963 by Mr. Potter's family and are awarded by the Committee on Admissions of Vanderbilt School of Medicine and the Justin Potter Medical Scholarship Committee. They are awarded annually to applicants who have legally established residences in any of the following southern states: Alabama, Arkansas, Florida, Georgia, Kentucky, Louisiana, Mississippi, North Carolina, South Carolina, Tennessee, or Virginia. Children of Vanderbilt University faculty are not eligible for consideration for a Justin Potter Medical Scholarship.

Stipends of \$5,000 annually are awarded to each of the five successful candidates and, once awarded, continue at this rate for four years contingent upon satisfactory performance.

The method of selection of Justin Potter Scholars is as follows: the Committee on Admissions of Vanderbilt School of Medicine recommends to the Justin Potter Medical Scholarship Committee candidates who desire this scholarship, merit consideration, and have received an official invitation to attend Vanderbilt. Selected candidates are invited to Nashville to visit with the committee (candidates will be reimbursed for their expenses). The committee composed of outstanding business men, physicians, and educators will make the final selection, the five successful candidates being designated "Justin Potter Medical Scholars."

Financial Assistance

Education leading to the Doctor of Medicine degree requires a careful consideration of financial commitment by the prospective student. Thus, financial planning to meet subsistence and educational costs is an important part of the student's preparation for medical school.

Limited scholarships, fellowships, loans, and financial aid awards are available at Vanderbilt. Loans and scholarships through Vanderbilt financial aid awards are made solely on the basis of demonstrated financial need to meet costs basic to the student's subsistence and educational program which cannot be met by personal resources.

It should be emphasized that financial aid from school sources must be considered a supplement to personal resources rather than the primary source of funds necessary to attend school. Present financial aid pro-

grams are not fully meeting students' financial aid requests and demonstrated need. Favorable consideration for assistance is based upon an acceptable application and budgetary statement together with the availability of funds. The school's ability to fund approved requests for financial aid depends upon adequate annual federal funding of the Health Professions Financial Aid Program, or related programs of federal subsidy, and the magnitude of gifts for financial aid from alumni and friends of the Medical School. Recent experience has been that most but not all approved financial aid requests have been met for items basic to the student's subsistence and education from a combination of sources including the student's personal assets, school sources, and others.

Financial aid for medical students is not limited to those funds available through the Medical School. A prominent and important source is the guaranteed loan program of the federal government Office of Education and related programs of federal or state funding. The Office of Education and other government agencies sponsor a loan program which may enable medical students to borrow money directly from savings and loan associations, credit unions, banks, or other participating lenders. The general outline for this program was established by federal law, but each state administers the program according to a slightly different procedure. Medical students may borrow up to a maximum of \$5,000 per year in most states. If the adjusted family income of the medical student is under \$25,000, the federal government will pay interest charged on this loan while the student is attending school and prior to the beginning of the repayment period. Financial aid from this source is best approached by students through their home town bank inasmuch as this is a bank-to-student loan, with the federal government guaranteeing the loan and the medical school certifying the applicant borrower is an accepted or enrolled medical student.

Another prominent or potential source of financial aid beyond that available directly from the Medical School is the American Medical Association's guaranteed loan program. A medical student may borrow up to a maximum of \$1,500 per year from this program after satisfactory completion of one semester of medical studies. The American Medical Association underwrites the guarantee on this program to the lending bank. Present indication is that the federally guaranteed financial aid program will become a more prominent source of financial aid for medical students as the more direct Health Professions Financial Aid Program supported by the government becomes less prominent. Students who are in need of substantial financial aid would be well advised to consult their home town banker at an early date concerning financial aid through the federally guaranteed Higher Education Act Program. Other financial aid programs are administered through the offices of the various armed services as well as the Public Health Service.

Students in need of financial aid are encouraged to consider carefully the problems related to receiving aid through funds which require service as part of the repayment. Several of these plans place the student at some disadvantage in the event of a change in career plans. Students considering financial aid from a source which carries an obligation for service as repayment are encouraged to consult the medical school prior to entering into any contracts of this nature.

The Vanderbilt student is assured that the school will do its best to find or recommend sources sufficient to meet demonstrated financial needs basic to subsistence and education during the period of enrollment. Students must also recognize their own responsibility to fund a major portion of the cost of attending medical school, making application for aid from school sources only when other aid is unavailable. It may be necessary to utilize a combination of financial aid resources from both school and nonschool sources to meet acceptable budgets. Financial aid is subject to application and review annually and is awarded on the basis of demonstrated financial need, as this relates to the availability of funds.

Students desiring more specific information about financial aid resources should write to the Director of Student Services.

Scholarships

The School of Medicine has a number of scholarships available to worthy applicants with distinguished scholastic records. Information and application forms may be obtained from the Director of Student Services.

THE HERBERT ESKIND MEMORIAL FUND. This scholarship honoring the memory of Mr. Herbert Eskind was established by members of his family. It is awarded each year by the Division of Nutrition, to one or more medical students on the basis of demonstrated financial need, and provides each recipient with a minimum scholarship of \$750. It is anticipated that this fund will be supplemented to meet the needs of increasing numbers of medical students.

THE WILLIAM N. PEARSON SCHOLARSHIP AWARD. This scholarship for studies in nutrition has been established by colleagues and friends throughout the world in memory of Dr. William N. Pearson, whose untimely death in an automobile accident occurred on Thanksgiving Day 1968. In keeping with Dr. Pearson's concern for international nutrition training, priority is given first to foreign student candidates, and second to students, citizens of the United States, who propose to work in the international area.

THE JOHN SHAPIRO SCHOLARSHIP FUND. This scholarship fund is provided by a member of the Class of 1958 in honor of Dr. Shapiro, who contributed so materially to the education of students of medicine at Vanderbilt both before, during, and after the Class of 1958. The scholarship is given on recommendation of the Dean of the School of Medicine, on the basis of qualification and need as judged by the Dean.

THE FRED C. WATSON MEMORIAL SCHOLARSHIP. This scholarship is made on the recommendation of the Medical School to students selected by a committee based in Lexington, Tennessee, to students who are graduates of Lexington High School and are residents of Henderson County.

Student Research Fellowships

Student research under the sponsorship of members of the faculty of the preclinical and clinical departments is endorsed as an important part of the elective medical curriculum. Stipends vary from \$1,000 to \$1,500 for the summer programs, depending upon experience. Limited funds for fellowship support are available through the Special Student Programs-Fellowships and Merit Awards Committee on a competitive basis and from individual departments within the Medical School. Funds are provided from a variety of sources, including the United States Public Health Service and various private foundations and health-interested organizations such as the Middle Tennessee Heart Association. Research projects may be taken as electives for credit but without remuneration. Special arrangements can be made for participation in research programs abroad or in other medical schools in the United States. Individual departments or faculty members may also support student research experiences. Funds from all sources are becoming more difficult to obtain, but remain available, though limited.

Revolving Loans

ALPHA KAPPA KAPPA ALUMNI ASSOCIATION FUND. These funds are made available to students through contributions from alumni of the Alpha Kappa Kappa medical fraternity.

THE WILLIAM A. DIMMICK MEDICAL FUND. This fund has been established by friends to honor the Reverend William A. Dimmick. It is to be used as a revolving loan fund for the education of worthy medical students.

GALE F. JOHNSTON LOAN FUND. The funds donated by Gale F. Johnston are to be used as a revolving loan fund for students in the School of Medicine.

THE IKE J. KUHN FUND. This revolving loan is provided by a bequest from the will of Mr. Ike J. Kuhn, and is awarded in the School of Medicine to a worthy man or woman born and reared in any of the states commonly known as the "southern states."

LIFE & CASUALTY INSURANCE COMPANY FUND. The funds made available to Vanderbilt University are to be used as a revolving loan fund for students in the School of Medicine.

THE THOMAS L. MADDIN, M.D., FUND. This fund is provided by a bequest from the will of Mrs. Sallie A. C. Watkins in memory of Dr. Thomas L. Maddin to be used by some worthy medical student at Vanderbilt.

THE JAMES PRESTON MILLER TRUST. This trust, left by the will of James P. Miller in memory of his father, James Preston Miller, provides funds to assist in the medical education

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of deserving young men and women at Vanderbilt University. Residents of Overton County, Tennessee, are to be given first preference, and other residents of Tennessee to be given second preference.

ROBERT E. SULLIVAN MEMORIAL FUND. Through the generosity of Robert E. Sullivan a fund has been established to assist worthy and deserving medical students in meeting their financial obligations.

THE THOMAS W. RHODES FELLOWSHIP. Funds provided by the will of Georgine C. Rhodes were left to Vanderbilt University for the purpose of establishing one or more fellowships in the School of Medicine.

THE THOMPSON STUDENT SCHOLARSHIP FUND. This fund is to be used as a scholarship fund for students in the School of Medicine from middle Tennessee.

THE JOE AND HOWARD WERTHAN FOUNDATION FUND. The funds made available by this foundation to Vanderbilt University are to be given or loaned to those students in the School of Medicine needing financial assistance.

ROANE-ANDERSON COUNTY MEDICAL SOCIETY FUND. The amount of \$500 is allocated in the form of a revolving loan to a needy medical student, with preference being given to students from Roane, Anderson, and Morgan Counties of Tennessee where possible.

J. F. FOX SCHOLARSHIP IN MEDICINE. This fund was established in memory of Dr. J. F. Fox, a Vanderbilt graduate, and provides for annual assistance to students in the School of Medicine as a revolving loan fund based on scholarship, promise, and financial need.

THE HEALTH PROFESSIONS STUDENT LOAN PROGRAM The Health Professions Educational Assistance Act of 1963 authorizes the establishment of student loan funds to be administered by the School of Medicine. Federal regulations regarding this program are in transition; information is available from the Office of Student Services in the School of Medicine.

THE HEALTH PROFESSIONS SCHOLARSHIP PROGRAM. This program is designed to enable talented students from low income families to undertake the study of medicine. Federal regulations regarding the scholarship program are in transition; students may seek information from the Office of Student Services.

THE VANDERBILT MEDICAL EDUCATION FUND. This fund, derived from the donations of friends and alumni, provides significant help by making loans to qualified students within the funds available. Information regarding the fund is available from the Office of Student Services.

Employment Opportunities for Spouses

Nashville is a middle-sized city (500,000) affording employment opportunities common to an industrial, business, and educational center. Major employers include Vanderbilt University, two national insurance companies, and the state government. Every attempt is made to find a position within the University for spouses of students. If interested in a position on the University campus, student spouses should make inquiry at the Vanderbilt Employment Center.

Robert E. Sullivan Memorial Fund... through the generosity of Robert E. Sullivan, a fund has been established to assist worthy and deserving medical students in meeting their financial obligations.

The Thomas W. Rhodes Fellowship, funds provided by the will of George C. Rhodes, Jr., is available to assist deserving medical students in meeting their financial obligations.



A faculty member in biochemistry works with students on a laboratory experiment.

Nashville is a middle-sized city (500,000) offering employment opportunities to an individual. The city and state offer a variety of major employers include Vanderbilt University, two national insurance companies, and the state government. Every attempt is made to provide a position within the University for spouses of students. Interested individuals should contact the University campus student services office in the University City of the Vanderbilt Employment Center. They would be pleased to provide information on a wide range of services and programs.

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Advanced Training and Research

THE primary responsibility of the School of Medicine is education of medical students. In addition, there are active programs for graduate students in the preclinical sciences, for postdoctoral interns and residents, and for postdoctoral research trainees.

Internship and Residency Training

Students preparing for the practice of medicine usually spend one or more years in house staff training. Such experiences at Vanderbilt are particularly varied and well supervised. Applicants for positions are carefully chosen, and make up a competent and stimulating group which has considerable responsibility in medical student teaching.

The faculty of the School of Medicine has professional responsibilities in Vanderbilt, Veterans, St. Thomas, Baptist, and Nashville General hospitals. Most patients in these hospitals are cared for by members of the intern and resident staff.

Vanderbilt University Hospital is a referral center and consequently has a patient population with complex medical and surgical problems. Nashville General Hospital is a community-owned facility in which many of the patients present advanced manifestations of disease. Veterans Administration Hospital is adjacent to the Vanderbilt Medical Center, and is extensively used for student and house staff teaching.

Residencies and Fellowships

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. 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.

Postdoctoral Courses

Continuing Education

Courses in individual departments are made available by special arrangement. These courses are under the direction of the Director of

Continuing Education and the chairman of the department concerned. 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. Inquiries should be addressed to the Director of Continuing Education.

Fees for special courses are decided by the Dean and the Director of Continuing Education in cooperation with the chairman of the department in which the instruction is provided.

Post-Residency Fellowships

Post-doctoral courses are available that have as their goal the training of physicians for practice and certification in a medical subspecialty. Fellows admitted to this program must have completed some part of an approved residency program. The fellow is expected to participate in departmental activities related to teaching, clinical services, and research.

Courses Toward Master's and Ph.D. Degrees

Candidates for the degree of Master of Science or 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 and are registered in the Graduate School of the University. Graduate work in the medical sciences is regulated by the faculty of the Graduate School. Candidates for graduate degrees should apply to the Registrar of the Graduate School.

Candidates for the degree of Master of Science in hearing and speech sciences may pursue work in these fields in the Bill Wilkerson Hearing and Speech Center and the School of Medicine. Graduate work in this division is regulated by the faculty of the Graduate School. Candidates should apply to the Registrar of the Graduate School.

Endowed Research Chairs

THE JAMES G. BLAKEMORE CHAIR IN PSYCHIATRY. Through the generosity of James G. Blakemore, Nashville businessman and Vanderbilt alumnus, this professorship in psychiatry was endowed in 1973 to support a distinguished faculty member in the Department of Psychiatry, providing freedom to contribute to research and teaching within a specific field of excellence.

THE LUCIUS E. BURCH CHAIR OF REPRODUCTIVE PHYSIOLOGY & FAMILY PLANNING. In December of 1967, the Department of Obstetrics & Gynecology received funds

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through the generosity of an anonymous donor, to establish this professorship, the purpose of which is to further research in basic reproductive biology, and applied family planning. The chair is named for Dr. Lucius E. Burch, dean of the School of Medicine from 1913 until 1920, and chairman of the Department of Obstetrics & Gynecology until his retirement in 1945.

THE PAUL W. SANGER CHAIR OF EXPERIMENTAL SURGERY. Through the generosity of the late Dr. Paul W. Sanger, graduate in Vanderbilt Medical School's class of 1931, distinguished surgeon of Charlotte, North Carolina, and former president of the Vanderbilt Medical Alumni, this professorship was established in 1969 and funded in collaboration with the Department of Surgery for the purpose of furthering research in surgical biology and in the general field of surgery.

THE ADDISON B. SCOVILLE, JR., CHAIR FOR DIABETES AND METABOLISM. Through the generosity of the Justin and Valere Potter Foundation of Nashville, this professorship was established in 1973 for the purpose of furthering research in the field of diabetes and metabolism.

THE ANN GEDDES STAHLMAN CHAIR IN MEDICAL ETHICS. The broad objective in establishing the Ann Geddes Stahlman Chair in Medical Ethics is to contribute to the return of humanism to the practice of medicine. Individuals who are to hold this Chair may by background and training be non-demoninational theological scholars, ethics scholars, philosophy scholars, scholars in the law, or members of the teaching faculty of a school of medicine.

THE GLADYS PARKINSON STAHLMAN CHAIR IN CARDIOVASCULAR RESEARCH. Through the generosity of Mr. James C. Stahlman this professorship was established in 1973 for the purpose of engaging in cardiovascular research with primary emphasis in the areas of etiology prevention and treatment.

THE MILDRED THORNTON STAHLMAN CHAIR IN PERINATOLOGY. The generosity of Mr. James C. Stahlman established this professorship in perinatology. The chair to be established in this new field of medical research will reinforce this program over an indefinite period of time.

THE MARY GEDDES STAHLMAN CHAIR IN CANCER RESEARCH. Through the generosity of Mr. James C. Stahlman, this professorship was established in 1972 for the purpose of furthering studies in cancer research. The professorship provides funds to help establish Vanderbilt as a national center for cancer research.

EDWARD CLAIBORNE STAHLMAN CHAIR IN PEDIATRIC PHYSIOLOGY AND CELL METABOLISM. This professorship was established in 1972 by Mr. James C. Stahlman for studies in pediatric physiology and cell metabolism.

THE JOE AND MORRIS WERTHAN CHAIR OF INVESTIGATIVE MEDICINE. Through the generosity of the Werthan family of Nashville, this professorship was established in 1951 for the purpose of furthering research in the general field of internal medicine.

Endowed Research Funds

THE RACHEL 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 the fund is to be used for education in the field of tuberculosis.

THE BROWNLEE O. CURRY MEMORIAL FUND FOR RESEARCH IN HEMATOLOGY. A memorial fund created by the friends of Brownlee O. Curry, the income from which is being used for the support of research in the field of hematology.

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 field of neurosurgery. It is hoped that subsequent donations will 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 MARTHA WASHINGTON STRAUS-HARRY H. STRAUS FOUNDATION, INC. The foundation provides support for research in the Department of Medicine in the field of cardiovascular diseases.

THE LESLIE WARNER MEMORIAL FUND FOR THE STUDY AND TREATMENT OF CANCER. This fund was established in 1932 in the 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.



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Courses of Study



School of Medicine Departments


- Anatomy
- Anesthesiology
- Biochemistry
- Hearing & Speech Sciences
- Medical Administration
- Medicine
 - Dermatology*
 - Microbiology
 - Neurology
 - Obstetrics & Gynecology
 - Ophthalmology
 - Orthopedics & Rehabilitation
 - Pathology
 - Pediatrics
 - Pharmacology
 - Physiology
 - Preventive Medicine & Public Health
 - Biostatistics*
 - Psychiatry
 - Human Behavior*
 - Radiology

SURGICAL SCIENCES

- Surgery
- Dentistry
- Neurosurgery
- Oral Surgery
- Otolaryngology
- Pediatric Surgery
- Plastic Surgery
- Thoracic & Cardiac Surgery
- Urology

Anatomy

- JACK DAVIES, M.D., Professor of Anatomy and Chairman of the Department
 ALVIN M. BURT III, Ph.D., Professor of Anatomy
 VIRGIL S. LeQUIRE, M.D., Professor of Experimental Pathology; Professor of Anatomy
 MARIE-CLAIRE ORGEBIN-CRIST, Ph.D., Lucius E. Burch Professor of Reproductive Biology
 & Family Planning; Professor of Anatomy; Director of the Center for Population Research
 (on leave fall semester)
 JAMES W. WARD, Ph.D., M.D., Professor of Anatomy, Emeritus
 R. BENTON ADKINS, JR. M.D., Associate Professor of Surgery; Associate Professor of
 Anatomy
 G. RODMAN DAVENPORT, Ph.D., Associate Professor of Anatomy
 JOHN A. FREEMAN, M.D., Ph.D., Associate Professor of Anatomy
 LOREN H. HOFFMAN, Ph.D., Associate Professor of Anatomy
 JON H. KAAS, Ph.D., Associate Professor of Psychology; Associate Professor of Anatomy
 RONALD E. ROSENTHAL, M.D., Associate Professor of Orthopedics & Rehabilitation; As-
 sociate Professor of Anatomy
 LUCILLE H. AULSEBROOK, Ph.D., Associate Professor of Anatomy in Nursing, School of
 Nursing; Assistant Professor of Anatomy
 VIVIEN CASAGRANDE, Ph.D., Assistant Professor of Anatomy; Assistant Professor of Psy-
 chology
 JAMES A. MCKANNA, Ph.D., Assistant Professor of Anatomy
 GARY E. OLSON, Ph.D., Assistant Professor of Anatomy
 MARCIA RUSSELL, Ph.D., Research Associate in Anatomy
 ROBERT SELLERS, B.A., Research Associate in Anatomy

 THE Department of Anatomy is responsible for instruction in histology, gross anatomy, and the human nervous system as part of the required curriculum for first-year medical students. Elective courses are offered by the department in areas of reproductive biology, advanced neurology, medical ethics, surgical anatomy, and neurochemistry.

Required Courses


501. Histology. This course gives 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 in analyzing the characteristics of particular cells. SPRING. *Dr. Davenport and Dr. Hoffman.*

502. 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. FALL. *Dr. Adkins and Staff.*

503. The Nervous System. A basic course with emphasis on a systematic study of anatomy, physiology, and chemistry of the human nervous system. Clinical material is utilized, where appropriate, to emphasize the basic anatomy and physiology. Four hours of lecture and four hours of laboratory per week. Prerequisite: a background in biology and chemistry. SPRING. *Dr. Burt and Staff.*

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Anesthesiology

BRADLEY E. SMITH, M.D., Professor of Anesthesiology and Chairman of the Department
 M. LAWRENCE BERMAN, Ph.D., M.D., Professor of Anesthesiology
 CHARLES B. PITTINGER, M.D., Professor of Anesthesiology; Professor of Pharmacology (On leave)

JOANNE L. LINN, M.D., Associate Professor of Anesthesiology
 PETER MARGAND, M.D., B.Chir., Associate Professor of Anesthesiology; Director of the Program in Respiratory Therapy

CHARLES W. QUIMBY, JR., M.D., LL.B., Associate Professor of Anesthesiology
 GEOFFREY BERRY, M.B., Ch.B., Associate Clinical Professor of Anesthesiology

YILMAZ ERYASA, M.D., Associate Clinical Professor of Anesthesiology
 LAWRENCE G. SCHULL, M.D., Associate Clinical Professor of Anesthesiology

ILDEFONSO A. ALCANTARA, M.D., Assistant Professor of Anesthesiology
 KRISHNA GHOSH, M.D., Assistant Professor of Anesthesiology

BOYD H. MAY, JR., M.D., M.Div., Assistant Professor of Anesthesiology; Lecturer in Theological Ethics, Divinity School

JAMES M. PHYTHON, M.D., Assistant Professor of Anesthesiology

PAULA F. CONAWAY SANDIDGE, M.D., Assistant Professor of Anesthesiology

GEETA VASUDEO, M.D., Assistant Professor of Anesthesiology

MARGARET WOOD, M.B., Ch.B., Assistant Professor of Anesthesiology

JAMES SUMPTER ANDERSON, JR., M.D., Assistant Clinical Professor of Anesthesiology

THOMAS CALDWELL, M.D., Assistant Clinical Professor of Anesthesiology

CHARLES G. CANNON, JR., M.D., Assistant Clinical Professor of Anesthesiology

PONG M. CHANG, M.D., Assistant Clinical Professor of Anesthesiology

JAMES FOSTER, M.D., Assistant Clinical Professor of Anesthesiology

EROL GENCA, M.D., Assistant Clinical Professor of Anesthesiology

BASEL M. MIXON, JR., M.D., Assistant Clinical Professor of Anesthesiology

MICHAEL BERTZ, D.D.S., Clinical Instructor in Anesthesiology

DAREL G. HESS, Ph.D., Research Associate in Anesthesiology

✿ THE Department of Anesthesiology offers a required lecture course for third-year students on aspects of the general practice of anesthesiology. Fourth year elective courses are offered in the pharmacology of anesthesiology, as well as a clerkship which includes didactic and operating room experience in the conduction of anesthesia.

Required Course

501. Anesthesiology. This course for third year students consists of a series of lectures on some aspects of anesthesiology applicable to the general practice of medicine. Among the topics presented will be:

preoperative evaluation of the patient; premedication, selection of anesthetic agent and technique; local anesthesia, resuscitation, and oxygen therapy. One hour per week, academic units. *Dr. Smith and Staff.*


Biochemistry

- LEON W. CUNNINGHAM, Ph.D., Professor of Biochemistry and Chairman of the Department
 HARRY P. BROQUIST, Ph.D., Professor of Biochemistry and Director of the Division of Nutrition
- FRANK CHYTIL, R.T.Dr., C.Sc., Professor of Biochemistry; Assistant Professor of Medicine
 STANLEY COHEN, Ph.D., American Cancer Society Research Professor of Biochemistry
 JOHN G. CONIGLIO, Ph.D., Professor of Biochemistry
 WILLIAM J. DARBY, M.D., Ph.D., Sc.D., Professor of Biochemistry (Nutrition); Honorary Curator for Special Collections-Nutrition
- WAYLAND J. HAYES, JR., Ph.D., M.D., Professor of Biochemistry
 LUBOMIR S. HNILICA, Ph.D., C.Sc., Mary Geddes Stahlman Professor of Cancer Research; Professor of Biochemistry; Professor of Pathology
 TADASHI INAGAMI, Ph.D., D.Sc., Professor of Biochemistry
 ROBERT A. NEAL, Ph.D., Professor of Biochemistry and Director of the Center in Environmental Toxicology
- STEVEN SCHENKER, M.D., Professor of Medicine and Head of the Division of Gastroenterology; Professor of Biochemistry (On leave fall semester)
 E. NEIGE TODHUNTER, Ph.D., Visiting Professor of Nutrition
 OSCAR TOUSTER, Ph.D., Professor of Molecular Biology and Chairman of the Department, College of Arts & Science; Professor of Biochemistry
- CONRAD WAGNER, Ph.D., Professor of Biochemistry
 BENJAMIN J. WILSON, Ph.D., Professor of Biochemistry
 ROBERT N. BRADY, Ph.D., Associate Professor of Biochemistry
 LARRY R. DALTON, Ph.D., Research Associate Professor of Biochemistry
 WILLARD R. FAULKNER, Ph.D., Associate Professor of Biochemistry
 KENNETH J. LEMBACH, Ph.D., Associate Professor of Biochemistry
 GEORGE V. MANN, Sc.D., M.D., Associate Professor of Biochemistry; Associate Professor of Medicine in Biochemistry; Career Investigator, National Heart & Lung Institute
 J. DAVID PUETT, Ph.D., Associate Professor of Biochemistry
 ROBERT BENVENISTE, Ph.D., Assistant Professor of Medicine; Assistant Professor of Biochemistry
- PEGGY R. BORUM, Ph.D., Research Assistant Professor of Biochemistry
 ROBERT J. BOUCEK, M.D., Assistant Professor of Pediatrics; Assistant Professor of Biochemistry
- L. THOMAS BURKA, Ph.D., Research Assistant Professor of Chemistry, College of Arts & Science; Research Assistant Professor of Biochemistry
 GRAHAM CARPENTER, Ph.D., Research Assistant Professor of Medicine; Research Assistant Professor of Biochemistry
 JEN-FU CHIU, Ph.D., Assistant Professor of Biochemistry
 PHILIP W. FELTS, M.D., Assistant Professor of Medicine; Assistant Professor of Biochemistry; Director of the Division of Student Affairs
 DIXIE W. FREDRIKSEN, Ph.D., Assistant Professor of Biochemistry
 HARRY L. GREENE, M.D., Associate Professor of Pediatrics; Assistant Professor of Biochemistry
- FRED GUENGERICH, Ph.D., Assistant Professor of Biochemistry
 W. DAVID HANKINS, M.D., Research Assistant Professor of Medicine; Research Assistant Professor of Biochemistry
 RAYMOND D. HARBISON, Ph.D., Assistant Professor of Pharmacology; Assistant Professor of Biochemistry

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- CARL G. HELLERQVIST, fil.dr., Assistant Professor of Biochemistry
LESLIE A. HOLLADAY, Ph.D., Research Assistant Professor of Biochemistry
DONALD W. HORNE, Ph.D., Research Assistant Professor of Biochemistry
RONALD T. KUCZENSKI, Ph.D., Assistant Professor of Pharmacology; Assistant Professor of Biochemistry
KAZUO MURAKAMI, Ph.D., Research Assistant Professor of Biochemistry (On leave fall semester)
GEORGE E. NICHOLDS, Ph.D., Assistant Professor of Biochemistry
DAVID E. ONG, Ph.D., Research Assistant Professor of Biochemistry
VASUDEVA N. PANIKER, Ph.D., Assistant Professor of Pathology; Assistant Professor of Biochemistry
LAKEN G. WARNOCK, Ph.D., Assistant Professor of Biochemistry
DAN ALBERT, Ph.D., Research Associate in Biochemistry
CARLOS M. ARAGON, Ph.D., Research Associate in Biochemistry
MARIO ASCOLI, Ph.D., Research Associate in Biochemistry
R.D. BANKS, Ph.D., Research Associate in Biochemistry
LUC BELANGER, M.D., Ph.D., Research Associate in Biochemistry
ROY EDWARD BRANSON, JR., Ph.D., Research Associate in Biochemistry
ROBERT C. BRIGGS, Ph.D., Research Associate in Biochemistry
HIDEO FUJITANI, Ph.D., Research Associate in Biochemistry
JOHN E. GARST, Ph.D., Research Associate in Biochemistry
THOMAS A. GASIEWICZ, Ph.D., Research Associate in Biochemistry
JOHN PATRICK GRAY, Ph.D., Research Associate in Biochemistry
HARRY HAIGLER, Ph.D., Research Associate in Biochemistry
SHIGEHISA HIROSE, Ph.D., Research Associate in Biochemistry
PHILIP W. LEE, Ph.D., Research Associate in Biochemistry
CLAUS MARKERT, Ph.D., Research Associate in Biochemistry
WILLIAM M. MOORE, Ph.D., Research Associate in Biochemistry
WILLIAM R. PORTER, Ph.D., Research Associate in Biochemistry
TETSUYA SUGA, Ph.D., Research Associate in Biochemistry
NOBORU SUZUKI, Ph.D., Research Associate in Biochemistry
NORIO TAKAHASHI, Ph.D., Research Associate in Biochemistry
SACHIKO TAKASE, Ph.D., Research Associate in Biochemistry
YUKIO TAKII, Ph.D., Research Associate in Biochemistry
CHEN-HSIEN TSAI, Ph.D., Research Associate in Biochemistry
HIDEYOSHI YOKOSAWA, Ph.D., Research Associate in Biochemistry
TAKEMI YOSHIDA, Ph.D., Research Associate in Biochemistry

 THE Department of Biochemistry offers to first-year students basic information on the chemistry of chemical compounds and related reactions in living organisms. Electives available to students at all levels include such topics as: nutritional biochemistry; fundamental principles in use of radioisotopes in biology and medicine; toxicology; fundamentals of human nutrition; advanced biochemistry; genes and their regulation; clinical biochemistry; lipid chemistry, metabolism and transport; nutrition rounds; chemical mechanisms of enzyme catalysis; and reproductive biology. Research experience in biochemistry and nutrition is available to fourth-year students. The department offers as electives in

the first, second, and fourth year a biochemistry seminar and a course in special problems in nutrition. A preceptorship in biochemistry is also offered in the fourth year.

Required Courses

501. **Biochemistry.** Lectures on the chemistry and metabolism of carbohydrates, proteins, lipids, nucleoproteins, and on the chemistry and function of enzymes, vitamins, and other factors related to cellular metabolism and body processes. FALL. [3] *Staff.*

502. **Biochemistry Laboratory.** This laboratory course accompanies Biochemistry 501 and emphasizes chemical, physical, and physiologic aspects of topics presented there. FALL. [4] *Staff.*

Hearing and Speech Sciences

EARL R. HARFORD, Ph.D., Professor of Audiology and Director of the Division of Hearing & Speech Sciences

FRED H. BESS, Ph.D., Professor of Audiology

FREEMAN McCONNELL, Ph.D., Professor of Audiology; Associate Professor of Otolaryngology (On leave)

JAY SANDERS, Ph.D., Professor of Audiology

ROBERT F. COLEMAN, Ph.D., Associate Professor of Speech Science; Assistant Professor of Otolaryngology

KATHRYN B. HORTON, M.S., Associate Professor of Speech & Language Pathology (On leave 1977/78)

RUSSELL J. LOVE, Ph.D., Associate Professor of Speech & Language Pathology

BARRY A. FREEMAN, Ph.D., Assistant Professor of Audiology

A. RICHARD MALLARD, Ph.D., Assistant Professor of Speech Pathology

ANN B. SITTON, M.S., Assistant Professor of Audiology

MICHAEL E. GLASSCOCK III, M.D., Assistant Clinical Professor of Hearing & Speech (Otolaryngology)

JOSEPH S. KEENAN, Ph.D., Assistant Clinical Professor of Speech Pathology

W. MAX SETLIFF, M.A., Assistant Clinical Professor of Audiology

BERTHA SMITH CLARK, M.A., Instructor in Aural Rehabilitation

LAURA L. KNOX, M.A., Instructor in Education of the Hearing Impaired

SUSAN A. LOGAN, M.S., Instructor in Audiology

SUZANNE W. BROOKS, M.A., Clinical Instructor in Speech Pathology

HELEN S. EMERSON, M.A., Clinical Instructor in Speech Pathology

BARBARA Y. HIGGINS, M.S., Clinical Instructor in Audiology

BLAKE B. LAZENBY, M.S., Clinical Instructor in Audiology

JEAN M. MARSHALL, M.S., Clinical Instructor in Speech Pathology

OPHELIA T. PAINE, M.A., Clinical Instructor in Speech Pathology



THE Division of Hearing and Speech Sciences of the Division of Allied Health Professions offers work leading to the master's and Ph.D. degrees in the following areas: audiology, speech and language pathology, and

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speech science. Information on regulations and requirements may be found in the catalogue of the Graduate School. The research, teaching, and clinical programs associated with this program are housed in the Bill Wilkerson Hearing and Speech Center adjacent to the Vanderbilt University campus at the corner of Nineteenth Avenue, South, and Edgehill Avenue.

Medical Administration

JOHN E. CHAPMAN, M.D., Professor of Pharmacology; Professor of Medical Administration and Chairman of the Division; Dean

RICHARD O. CANNON, M.D., Professor of Medical Administration and Dean of the Division of Allied Health Professions

VERNON E. WILSON, M.D., Professor of Medical Administration; Professor of Preventive Medicine & Public Health; Vice-President for Medical Affairs; Acting Director of the Primary Care Center

PAUL GAZZERRO, JR., M.B.A., Associate Professor of Medical Administration; Associate Vice-President for Medical Affairs, Office of Operations & Fiscal Planning

C. RICHARD TREADWAY, M.D., Associate Professor of Medical Administration; Associate Professor of Psychiatry; Associate Vice-President for Medical Affairs, Office of Program Planning & Development

JAMES R. RAWLS, Ph.D., Associate Professor of Management, Graduate School of Management; Adjunct Associate Professor of Medical Administration

FRANK A. McDONOUGH, Ph.D., Adjunct Associate Professor of Medical Administration

JOSEPH GILLESPIE, Assistant Professor of Medical Administration

THOMAS W. HAINES, Ph.D., Assistant Professor of Medical Administration; Director of the Division of Sponsored Research & Programs

T. MARK HODGES, B.L.S., Assistant Professor of Medical Administration; Director of the Medical Center Library

W. CRAIG CLARK, M.H.A., Ph.D., Instructor in Medical Administration


PAUL CORRIGAN, JR., M.H.A., Instructor in Medical Administration

DANIEL E. COSTELLO, Ph.D., Instructor in Medical Administration; Adjunct Instructor in Management, Graduate School of Management

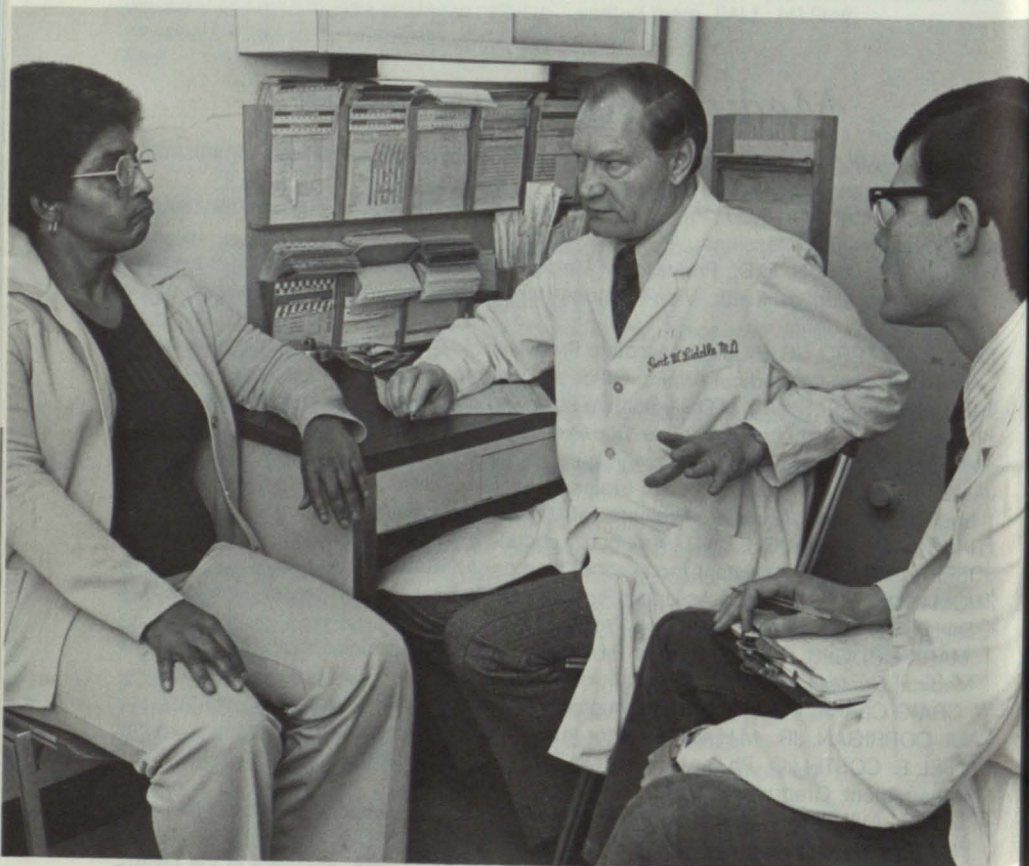
C. LEWIS LAVINE, M.A., Instructor in Medical Administration; Assistant, Office of the Vice-President for Medical Affairs

JOHN O. LOSTETTER, M.S., Instructor in Medical Administration; Assistant to the Dean

LOYD S. PETTEGREW, Ph.D., Research Associate in Medical Administration

 THE Division of Medical Administration was established in 1969 to provide an academic base for those who engage in service, education, and research as these support the objectives of the Medical School. The division offers elective courses on subjects related to past and present trends in American medical education, the influence of various profes-

speech science information management department has the
focus in the field of the department. In the research, technology
and clinical programs associated with this program are based in the
Wilkinson Hearing and Speech Center adjacent to the Vanderbilt Uni-
versity campus at the corner of Nashville Avenue, South and 22nd
Avenue.



Students in some clerkships participate in patient interviews in the clinics.

THE Division of Medical Administration was established in 1968
to provide an academic base for those who engage in service, education,
and research in their support of the objectives of the medical school. The
division offers elective courses, by subject related to past and present
trends in American medical education, the nature of the profession.

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sional organizations and government bodies in medical education, and issues in health care at all levels. Special subject seminars are encouraged.

Medicine

- GRANT W. LIDDLE, M.D., Professor of Medicine and Chairman of the Department
- THOMAS E. BRITTINGHAM, M.D., Professor of Medicine
- OSCAR B. CROFFORD, JR., M.D., Professor of Medicine, Addison Scoville Chair in Diabetes & Metabolism; Head of the Division of Diabetes & Metabolism; Associate Professor of Physiology; Director of the Diabetes Endocrinology Center
- ROGER M. DES PREZ, M.D., Professor of Medicine
- ERIC ENGEL, M.D., Professor of Medicine and Head of the Division of Genetics; Associate Professor of Pediatrics; Director of the Genetics Center
- RICHARD A. FRANCE, M.D., Professor of Medicine, Emeritus
- GOTTLIEB C. FRIESINGER II, M.D., Professor of Medicine and Head of the Division of Cardiology
- H. EARL GINN, M.D., Professor of Medicine and Head of the Renal Division; Associate Professor of Urology; Associate Professor of Biomedical Engineering, School of Engineering
- ROBERT A. GOODWIN, M.D., Professor of Medicine
- DAVID E. JENKINS, JR., M.D., Professor of Medicine
- RUDOLPH H. KAMPMEIER, M.D., Professor of Medicine, Emeritus
- SANFORD B. KRANTZ, M.D., Professor of Medicine and Head of the Division of Hematology
- CLIFTON K. MEADOR, M.D., Professor of Medicine
- ANN STONE MINOT, Ph.D., Professor of Medicine, Emerita
- JOHN A. OATES, M.D., Professor of Pharmacology; Joe and Morris Werthan Professor of Investigative Medicine; Director of the Research Center for Pharmacology & Drug Toxicology
- DAVID N. ORTH, M.D., Professor of Medicine; Associate Professor of Physiology
- THOMAS F. PAINE, JR., M.D., Professor of Medicine (On leave fall semester)
- DAVID RABIN, M.D., Professor of Medicine; Professor of Obstetrics & Gynecology
- WILLIAM D. SALMON, JR., M.D., Professor of Medicine
- STEVEN SCHENKER, M.D., Professor of Medicine and Head of the Division of Gastroenterology; Professor of Biochemistry (On leave fall semester)
- DAVID G. SHAND, Ph.D., Professor of Pharmacology; Professor of Medicine; Director of the Specialized Center of Research in Hypertension
- SAMUELE E. STUMPF, Ph.D., Professor of Law, School of Law; Research Professor of Medical Philosophy
- JOHN B. YOUMANS, M.D., Professor of Medicine, Emeritus
- THOMAS BOWMAN ZERFOSS, M.D., Professor of Medicine, Emeritus; Director Emeritus, Student Health Service
- F. TREMAINE BILLINGS, M.D., Clinical Professor of Medicine, Emeritus
- LAURENCE A. GROSSMAN, M.D., Clinical Professor of Medicine
- HOLLIS E. JOHNSON, M.D., Clinical Professor of Medicine, Emeritus
- SAMUEL S. RIVEN, M.D., C.M., Clinical Professor of Medicine, Emeritus

- ADDISON B. SCOVILLE, JR., M.D., Clinical Professor of Medicine
 HARRISON J. SHULL, M.D., Clinical Professor of Medicine, Emeritus
 W. DAVID STRAYHORN, M.D., Clinical Professor of Medicine, Emeritus
 CLARENCE S. THOMAS, M.D., Clinical Professor of Medicine, Emeritus
 ROBERT H. ALFORD, M.D., Associate Professor of Medicine
 KENNETH L. BRIGHAM, M.D., Associate Professor of Medicine; Associate Professor of Biomedical Engineering, School of Engineering; Director of the Pulmonary Specialized Center of Research in Hypertension
 A. BERTRAND BRILL, M.D., Ph.D., Professor of Radiology and Associate Professor of Medicine; Director of the Program in Nuclear Medicine Technology; Associate Professor of Physics, College of Arts & Science; Associate Professor of Biomedical Engineering, School of Engineering (On leave 1977/78)
 G. DEWEY DUNN, M.D., Associate Professor of Medicine
 JOHN M. FLEXNER, M.D., Associate Professor of Medicine
 JÜRGEN FRÖLICH, M.D., Associate Professor of Pharmacology; Associate Professor of Medicine
 JACEK HAWIGER, M.D., D.M.Sc., Associate Professor of Pathology; Associate Professor of Medicine
 ANASTACIO HOYUMPA, M.D., Associate Professor of Medicine
 WILLIAM W. LACY, M.D., Associate Professor of Medicine; Co-Director of the Clinical Research Center
 GEORGE V. MANN, Sc.D., M.D., Associate Professor of Biochemistry; Associate Professor of Medicine in Biochemistry; Career Investigator, National Heart & Lung Institute
 ZELL A. MCGEE, M.D., Associate Professor of Medicine and Head of the Division of Infectious Diseases
 L. CLIFFORD MCKEE, M.D., Associate Professor of Medicine
 SAMUEL R. MARNEY, M.D., Associate Professor of Medicine
 ROBERT K. OLDHAM, M.D., Associate Professor of Medicine
 LLOYD H. RAMSEY, M.D., Associate Professor of Medicine; Associate Dean
 WILLIAM SCHAFFNER, M.D., Associate Professor of Medicine; Associate Professor of Preventive Medicine
 STEPHEN SCHILLIG, M.D., Associate Professor of Medicine
 JOHN S. SERGENT, M.D., Associate Professor of Medicine
 BRUCE SINCLAIR-SMITH, M.B., B.S., Associate Professor of Medicine
 PAUL E. SLATON, JR., M.D., Associate Professor of Medicine and Director of the Division of Continuing Education
 RAPHAEL SMITH, M.D., Associate Professor of Medicine; Associate Professor of Biomedical Engineering, School of Engineering
 JAMES D. SNELL, JR., M.D., Associate Professor of Medicine
 W. ANDERSON SPICKARD, JR., M.D., Associate Professor of Medicine
 WILLIAM J. STONE, M.D., Associate Professor of Medicine; Associate Professor of Urology
 ROBERT T. TERRY, M.D., Associate Professor of Medicine, Emeritus
 PAUL E. TESCHAN, M.D., Associate Professor of Medicine; Associate Professor of Urology; Associate Professor of Biomedical Engineering, School of Engineering
 FREDERICK A. WILSON, M.D., Associate Professor of Medicine; Investigator, Howard Hughes Medical Institute
 CRAWFORD W. ADAMS, M.D., Associate Clinical Professor of Medicine
 BENJAMIN J. ALPER, M.D., Associate Clinical Professor of Medicine
 W. BARTON CAMPBELL, M.D., Associate Clinical Professor of Medicine
 THOMAS F. FRIST, M.D., Associate Clinical Professor of Medicine

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- FRED GOLDNER, JR., M.D., Associate Clinical Professor of Medicine
 ALAN L. GRABER, M.D., Associate Clinical Professor of Medicine
 JOHN HOOPER GRISCOM, M.D., Associate Clinical Professor of Medicine
 THOMAS B. HALTOM, M.D., Associate Clinical Professor of Medicine
 JOHN S. JOHNSON, M.D., Associate Clinical Professor of Medicine
 HERMAN J. KAPLAN, M.D., Associate Clinical Professor of Medicine
 HARRY L. PAGE, M.D., Associate Clinical Professor of Medicine
 THOMAS GUV PENNINGTON, M.D., Associate Clinical Professor of Medicine
 CHARLES B. THORNE, M.D., Associate Clinical Professor of Medicine
 GEORGE R. AVANT, M.D., Assistant Professor of Medicine
 ROBERT BENVENISTE, Ph.D., Assistant Professor of Medicine; Assistant Professor of Biochemistry
 JAMES D. BOMBOY, JR., M.D., Assistant Professor of Medicine
 RONALD E. BOWERS, M.D., Assistant Professor of Medicine
 ROBERT A. BRANCH, M.B., Ch.B., Assistant Professor of Medicine; Assistant Professor of Pharmacology
 LEIF BRORSON, M.D., Visiting Professor of Medicine
 GRAHAM CARPENTER, M.D., Research Assistant Professor of Medicine; Research Assistant Professor of Biochemistry
 FRANK CHYTIL, Ph.D., C.Sc., Professor of Biochemistry; Assistant Professor of Medicine
 PHILIP W. FELTS, M.D., Assistant Professor of Medicine; Assistant Professor of Biochemistry; Director of the Division of Student Affairs
 JAMES T. FORBES, Ph.D., Research Assistant Professor of Medicine; Research Assistant Professor of Pathology
 FRANCIS W. GLUCK, JR., M.D., Assistant Professor of Medicine
 STANLEY E. GRABER, M.D., Assistant Professor of Medicine
 FRANK ANTHONY GRECO, M.D., Assistant Professor of Medicine
 DAVID W. GREGORY, M.D., Assistant Professor of Medicine
 WILLIAM DAVID HANKINS, Ph.D., Research Assistant Professor of Medicine; Research Assistant Professor of Biochemistry
 THOMAS R. HARRIS, Ph.D., M.D., Professor of Chemical Engineering & Biomedical Engineering, School of Engineering; Assistant Professor of Medicine
 ROBERT W. HARRISON, M.D., Assistant Professor of Medicine; Investigator, Howard Hughes Medical Institute
 CRAIG R. HEIM, M.D., Assistant Professor of Medicine
 JOHN W. HOLLIFIELD, M.D., Assistant Professor of Medicine
 DONALD P. ISLAND, B.S., Assistant Professor of Medical Research
 H. KEITH JOHNSON, M.D., Assistant Professor of Medicine
 ALLEN B. KAISER, M.D., Assistant Professor of Medicine
 MARVIN W. KRONENBERG, M.D., Assistant Professor of Medicine
 LEWIS B. LEFKOWITZ, JR., M.D., Associate Professor of Preventive Medicine & Public Health; Assistant Professor of Medicine
 JOHN M. LEONARD, M.D., Assistant Professor of Medicine
 JOHN E. LILJENQUIST, M.D., Assistant Professor of Medicine; Investigator, Howard Hughes Medical Institute
 TERENCE J. MCKENNA, M.D., Assistant Professor of Medicine
 THURMAN DWIGHT MCKINNEY, M.D., Assistant Professor of Medicine
 M. ANN MELLY, Ph.D., Assistant Professor of Medicine; Assistant Professor of Microbiology
 JAMES M. PERRY, JR., M.D., Assistant Professor of Medicine
 RICHARD SCHNEIDER, M.D., Assistant Professor of Medicine

- VINCENT SPEEG, Ph.D., M.D., Assistant Professor of Medicine
 RICHARD STEIN, M.D., Assistant Professor of Medicine
 ROSE M. STEVENS, M.D., Assistant Professor of Medicine (On leave 1977/78)
 JOHN R. WOODS, M.D., Assistant Professor of Medicine
 RAYMOND WOOSLEY, M.D., Assistant Professor of Medicine; Assistant Professor of Pharmacology
 ROBERT J. WORKMAN, M.D., Assistant Professor of Medicine
 SAMUEL S. WRIGHT, M.D., Assistant Professor of Medicine; Director of the Student Health Service
 JAMES ERWIN ANDERSON, JR., M.D., Assistant Clinical Professor of Medicine
 PAUL H. BARNETT, M.D., Assistant Clinical Professor of Medicine
 WILLIAM J. CARD, M.D., Assistant Clinical Professor of Medicine
 ORRIE A. COUCH, JR., M.D., Assistant Clinical Professor of Medicine
 FREDERIC E. COWDEN, M.D., Assistant Clinical Professor of Medicine
 THOMAS J. DAVIS, M.D., Assistant Clinical Professor of Medicine
 WILLIAM EWERS, M.D., Assistant Clinical Professor of Medicine
 J. VANCE FENTRESS, M.D., Assistant Clinical Professor of Medicine
 HOWARD R. FOREMAN, M.D., Assistant Clinical Professor of Medicine
 MILTON GROSSMAN, M.D., Assistant Clinical Professor of Medicine
 GERALD HALPRIN, M.D., Assistant Clinical Professor of Medicine
 AUBREY B. HARWELL, M.D., Assistant Clinical Professor of Medicine
 H. CAMPBELL HAYNIE, M.D., Assistant Clinical Professor of Medicine
 PETER R. KAPLAN, M.D., Assistant Clinical Professor of Medicine
 RALPH W. MASSIE, M.D., Assistant Clinical Professor of Medicine
 ALEXANDER C. McLEOD, M.D., Assistant Clinical Professor of Medicine
 CULLEN R. MERRITT, M.D., Assistant Clinical Professor of Medicine
 CARL E. MITCHELL, M.D., Assistant Clinical Professor of Medicine
 DENNIS A. STOUDEUR, M.D., Assistant Clinical Professor of Medicine
 PAUL R. STUMB, M.D., Assistant Clinical Professor of Medicine
 ANNE SWEENEY, M.A., Assistant Clinical Professor of Medical Social Work
 JAMES N. THOMASSON, M.D., Assistant Clinical Professor of Medicine
 PHILLIP J. WALKER, M.D., Assistant Clinical Professor of Medicine
 RUSSELL D. WARD, M.D., Assistant Clinical Professor of Medicine
 JAMES P. WILSON, M.D., Assistant Clinical Professor of Medicine
 LAWRENCE K. WOLFE, M.D., Assistant Clinical Professor of Medicine
 JOHN LANIER WYATT, M.D., Assistant Clinical Professor of Medicine
 THOMAS G. ARNOLD, JR., B.S., Martha Washington Straus-Harry H. Straus Instructor in Biophysics in Medicine
 LEWIS DANIEL ELLISTON, JR., Instructor in Medicine
 LAURENT FAVRE, M.D., Instructor in Medicine
 RICHARD LEE GIBSON, M.D., Instructor in Medicine
 STANLEY HIGGINS, Ph.D., Research Instructor in Medicine
 ADELAIDE H. HOHANNES, M.S.S.W., Instructor in Medical Social Work; Director of Social Work, Vanderbilt University Hospital
 ANDRE LACROIX, M.D., Instructor in Medicine
 CHARLES JOHN McALLISTER, M.D., Instructor in Medicine
 ROBERT M. METCALFE, M.D., Instructor in Medicine: University Physician
 JAMES MILLER, M.D., Instructor in Medicine
 GEORGE W. MOORE, M.D., Instructor in Medicine
 WENDELL E. NICHOLSON, B.S., Instructor in Medicine


JOEL O'CONNOR, Ph.D., Research Instructor in Medicine
ALICE M. SAVAGE, Ph.D., M.D., Instructor in Medicine
ERIC SCOWDEN, M.D., Instructor in Medicine
HISAHIKO SEKIHARA, M.D., Instructor in Medicine
KOSHI TANAKA, M.D., Instructor in Medicine
N. ERIC WOOTEN, M.D., Instructor in Medicine
ARTHUR RAY ANDERSON, M.D., Clinical Instructor in Medicine
EDWARD E. ANDERSON, M.D., Clinical Instructor in Medicine
EDWIN B. ANDERSON, M.D., Clinical Instructor in Medicine
H. R. ANDERSON, M.D., Clinical Instructor in Medicine
WILLIAM C. ANDERSON, M.D., Clinical Instructor in Medicine
MARK S. AVERBUCH, M.D., Clinical Instructor in Medicine
T. DEE BAKER, M.D., Clinical Instructor in Medicine
JACK M. BATSON, M.D., Clinical Instructor in Medicine
STANLEY J. BODNER, M.D., D.C.M.T., Clinical Instructor in Medicine
JOHN B. BREINIG, M.D., Clinical Instructor in Medicine
ROBERT T. COCHRAN, M.D., Clinical Instructor in Medicine
ROY O. ELAM, M.D., Clinical Instructor in Medicine
MELVIN L. ELSON, M.D., Clinical Instructor in Medicine
IRWIN B. ESKIND, M.D., Clinical Instructor in Medicine
RAND T. FREDERIKSEN, M.D., Clinical Instructor in Medicine
JAMES P. GREGORY, M.D., Clinical Instructor in Medicine
HERBERT N. HARKLEROAD, M.D., Clinical Instructor in Medicine
PHILLIP W. HAYES, M.D., Clinical Instructor in Medicine
ROBERT M. HOLLISTER, M.D., Clinical Instructor in Medicine
IRA T. JOHNSON, M.D., Clinical Instructor in Medicine
ROBERT M. JOHNSON, M.D., Clinical Instructor in Medicine
JOHN P. KINNARD, JR., M.D., Clinical Instructor in Medicine
OTTO MORSE KOCHTITZKY, M.D., Clinical Instructor in Medicine
ALVIN H. MEYER, M.D., Clinical Instructor in Medicine
WILLIAM G. MORRIS, M.D., Clinical Instructor in Medicine
WILLIAM B. RALPH, M.D., Clinical Instructor in Medicine
FRANK M. REMBERT, M.D., Clinical Instructor in Medicine
HOWARD E. ROSEN, M.D., Clinical Instructor in Medicine
MARVIN J. ROSENBLUM, M.D., Clinical Instructor in Medicine
SOL A. ROSENBLUM, M.D., Clinical Instructor in Medicine
ROBERT M. ROY, M.D., Clinical Instructor in Medicine
HERBERT J. SCHULMAN, M.D., Clinical Instructor in Medicine
JOHN ROBERT SCHWEIKERT, M.D., Clinical Instructor in Medicine
MURRAY W. SMITH, M.D., Clinical Instructor in Medicine
W. DAVID STRAYHORN, JR., M.D., Clinical Instructor in Medicine
EDWARD L. TARPLEY, M.D., Clinical Instructor in Medicine
W. CARTER WILLIAMS, JR., M.D., Clinical Instructor in Medicine
TAYLOR WRAY, M.D., Clinical Instructor in Medicine
BRUCE DAVIS, M.D., Research Associate in Medicine
C. DEAN DRIVER, Research Associate in Medicine
MARSHALL FRAZER, Ph.D., Research Associate in Medicine
EDWARD H. FRYER, Research Associate in Medicine
THOMAS KOST, Ph.D., Research Associate in Medicine (Hematology)
PATTY JILL OWEN, M.S., Research Associate in Medicine

HILDA B. RATNER, B.A., Research Associate in Medicine
 NANCY L. ROGERS, M.S., Research Associate in Medicine
 ROBERT J. ROSELLI, Ph.D., Research Associate in Medicine

Dermatology

LLOYDE E. KING, JR., M.D., Ph.D., Associate Professor of Medicine and Head of the Division of Dermatology

ROBERT N. BUCHANAN, M.D., Clinical Professor of Dermatology, Emeritus
 FRANK G. WITHERSPOON, M.D., Assistant Clinical Professor of Dermatology
 JAMES R. HAMILTON, M.D., Assistant Clinical Professor of Dermatology
 WILLIAM B. HARWELL, JR., M.D., Clinical Instructor in Dermatology
 BERNARD J. PASS, M.D., Clinical Instructor in Dermatology
 BRUCE P'POOL, M.D., Clinical Instructor in Dermatology
 HOWARD LEE SALYER, M.D., Clinical Instructor in Dermatology

 THE Department of Medicine offers four areas of required course work:

Second Year. Two courses: An interdepartmental course which introduces sophomore students to the basic laboratory techniques, methods, principles, and procedures of clinical medicine; and a course in the diagnosis of disease and the application of clinical medicine to patient care.

Third Year. Junior medical students are assigned to the medical wards for a ten-week period for an intensive inpatient experience.

Fourth Year. Senior medical students participate in an outpatient experience as well as a major medical clerkship.

The Department of Medicine has many sub-specialty divisions, and a number of different elective programs are available.

Clinical Research Electives

The clinical research elective program includes such specialty areas as infectious diseases, nuclear medicine, medical cytogenetics, ischemic heart disease, hematology, electrocardiography and electrophysiology, and biomedical engineering.

Clinical Clerkships

The clinical clerkship program offers fourth-year electives which include rotations at affiliated hospitals, participation in a model private teaching unit, and an experience in the Clinical Research Center at Vanderbilt Hospital. Other clerkships include such sub-specialty areas as pulmonary disease, renal pathophysiology, infectious diseases, clini-

cal pharmacology, clinical epidemiology, cardiology, pulmonary consultation, rheumatology, clinical endocrinology, and medical oncology. A summer clerkship in medicine at the Veterans Administration Hospital is offered as an elective to third-year students.

Medical Specialty Clinics

Experiences in the medical specialty clinics elective program available to fourth-year students include the following specialties: allergy, dermatology, diabetes, endocrinology, gastroenterology, hematology, rheumatology, and chest.

Other Electives

A number of other electives available to students at various levels consist of course work covering a variety of subjects which include: problems facing the prospective intern; pulmonary disorders; human nutrition; clinical biochemistry; psychosocial aspects of life-threatening illness, dying, and death; disorders of fluid and electrolyte metabolism; clinical electrocardiography; clinical endocrinology; nutrition rounds; renal pathophysiology; medical genetics and cytogenetics; correlations in cardiological disease; history of medicine; medical philosophy; basic concepts of cancer; clinical diagnosis of cancer; cancer therapy; laboratory experiences in cardiac catheterization.

Required Courses

501.1. Laboratory Methods in Clinical Science. An interdepartmental course designed to acquaint the student with the basic laboratory techniques, methods, principles, and procedures employed in clinical medicine. Weekly meetings for a total of twenty-four weeks with the initial twelve weeks devoted entirely to hematologic laboratory methods and theory. Following this, such topics as parasitology, principles of roentgen diagnosis, clinical bacteriology, urinalysis, renal function tests, laboratory tests in neurology, examination of stool and gastric content, and examination of joint fluid will be covered. Basic format of course is a one-hour lecture in which theory and clinical indications for laboratory methods will be stressed. Following this, there will be a laboratory period of two hours at which time demonstrations and the practical application of lecture material will be stressed.

During the laboratory, students will be divided into small groups of units with individual instructors and assistants. Precise outlines and laboratory guides will be distributed. *Dr. Flexner, Dr. Krantz, Dr. Graber, Dr. Schenker, Dr. McGee, Dr. Ginn, Dr. McKee, and Gerald M. Fenichel, Professor of Neurology.*

501.2. Physical Diagnosis. Education of sophomore medical students in diagnosis of disease by the art of examination at the bedside and in the laboratory, emphasizing the significance of information gained in the basic science courses as applied to clinical medicine. *SPRING. Dr. Pennington.*

502. Clinical Clerkship. One third of the third-year class are assigned to the medical wards for ten-week periods. During the medical clerkship, time is divided equally be-

tween the Vanderbilt Hospital and the Veterans Administration Hospital. The medical wards at Vanderbilt Hospital comprise seventy-five ward beds used in teaching, plus an additional twenty-one beds in the Clinical Research Center. The Veterans Administration Hospital has approximately 100 teaching beds. At Vanderbilt Hospital these services include patients with diseases of the nervous system and the skin in addition to general medical patients. At the Veterans Administration Hospital there is a separate neurologic ward to which clinical clerks are assigned for two weeks during their medical clerkship. In addition, there is an active pulmonary service which functions within the medical service at the Veterans Administration Hospital. Patients are under the care of members of the faculty of medicine. Subdepartmental areas are organized for teaching and clinical research as well as management of patients. The clinical clerkship is regarded as the backbone of the student's training in medicine and represents the most intensive inpatient experience offered within the department. It is believed that learning is most vivid through direct experience with patients, obtaining histories, doing physicals and laboratory studies, and that it is amplified by reading and intensive contact with members of the house staff and teaching staff. Students are given considerable responsibility under

close supervision of the teaching staff. Additional instruction is carried out during rounds with the chief of service. In these sessions, clinical clerks present cases for discussion and criticism and the more important fields of internal medicine are covered. Instruction in dermatology, consisting of a series of clinics and clinic demonstrations, is held once weekly in the Veterans Administration Hospital. Ward work is supplemented by numerous teaching and subspecialty conferences held throughout the academic year. *Dr. Liddle, Dr. Brittingham, Dr. Des Prez, Dr. Salmon, and Staff of the Department of Medicine.*

504. Medical Out-Patient Clinic. During the fourth year, each student is assigned one morning clinic period a week in the outpatient department. This experience gives the fourth-year student major responsibilities for patient work-up and care in an environment that provides supervision and consultation from many branches of medicine. The long term care and follow-up of ambulatory patients and further refinement of skills in history taking and physical examination are stressed. During this period the student becomes acquainted with the resources which other services can bring to bear in the cooperative management of patients with chronic disease. *Dr. Spickard, Dr. Gluck, Dr. Leonard, and Staff.*

Microbiology

- ALBERT S. KAPLAN, Ph.D., Professor of Microbiology and Chairman of the Department
 SIDNEY P. COLOWICK, Ph.D., American Cancer Society—Charles Hayden Foundation Professor of Microbiology
 JOHN H. HASH, Ph.D., Professor of Microbiology and Associate Dean for Biomedical Sciences; Co-Director of the Clinical Research Center
 TAMAR BEN-PORAT, Ph.D., Associate Professor of Microbiology
 DANIEL G. COLLEY, Ph.D., Associate Professor of Microbiology
 SIDNEY HARSHMAN, Sc.D., Associate Professor of Microbiology and Associate Dean of the Graduate School
 RICHARD W. MOYER, Ph.D., Associate Professor of Microbiology
 JOHN P. ROBINSON, Ph.D., Associate Professor of Microbiology
 JEAN M. DeMARCHI, Ph.D., Research Assistant Professor of Microbiology
 M. ANN MELLY, Ph.D., Assistant Professor of Medicine; Assistant Professor of Microbiology
 SUE A. MOYER, Ph.D., Assistant Professor of Microbiology
 C. MARTIN STOLTZFUS, Ph.D., Assistant Professor of Microbiology



FRANCES C. WOMACK, Ph.D., Assistant Professor of Microbiology
 PETER F. WRIGHT, M.D., Assistant Professor of Pediatrics; Assistant Professor of Microbiology

MAYME LEE BLANKENSHIP, B.S., Research Instructor in Microbiology

JIN-JYI CHANG, Ph.D., Research Associate in Microbiology

ANTHONY B. CHEN, Ph.D., Research Associate in Microbiology

WAYNE F. GREEN, Ph.D., Research Associate in Microbiology

STEPHANIE JAMES, Ph.D., Research Associate in Microbiology

STEPHEN G. KAYES, Ph.D., Research Associate in Microbiology

FRAZER RIXON, B.Sc., Research Associate in Microbiology

JONATHAN WOODWARD, Ph.D., Research Associate in Microbiology

✦ THE Department of Microbiology provides second-year students with the basic understandings of micro-organisms in health and disease. Several electives are offered. One group of electives for second-year students consists of a series of lectures on such topics as: microbial toxins and enzymes, antibiotics and microbial metabolism, immunochemistry, basic animal virology, and microbial and macromolecular ultrastructure. An advanced immunochemistry laboratory experience is available, as an elective, to students at all levels. Second- and fourth-year students may select a laboratory course dealing with experimental methods in microbiology. A research program is also available to fourth-year students as an elective.

Required Course

501. Microbiology. Lectures and laboratory exercises. The important bacterial, mycotic, parasitic, and viral infections are considered from the standpoint of etiology, epidemiology, pathogenesis, immunology,

and laboratory diagnosis. Ten hours of lectures, seminars, and laboratory exercises. Prerequisite: Biochemistry 501-502 or equivalent. FALL. *Staff.*

Neurology

GERALD M. FENICHEL, M.D., Professor of Neurology and Chairman of the Department; Professor of Pediatrics; Director of the Neuromuscular Disease Research Center

H. CARL HAYWOOD, Ph.D., Professor of Neurology

CHARLES E. WELLS, M.D., Professor of Psychiatry; Professor of Neurology

WILLIAM M. CLARK, M.D., Clinical Professor of Neurology

BERTRAM E. SPROFKIN, M.D., Clinical Professor of Neurology; Associate Clinical Professor of Neuropathology

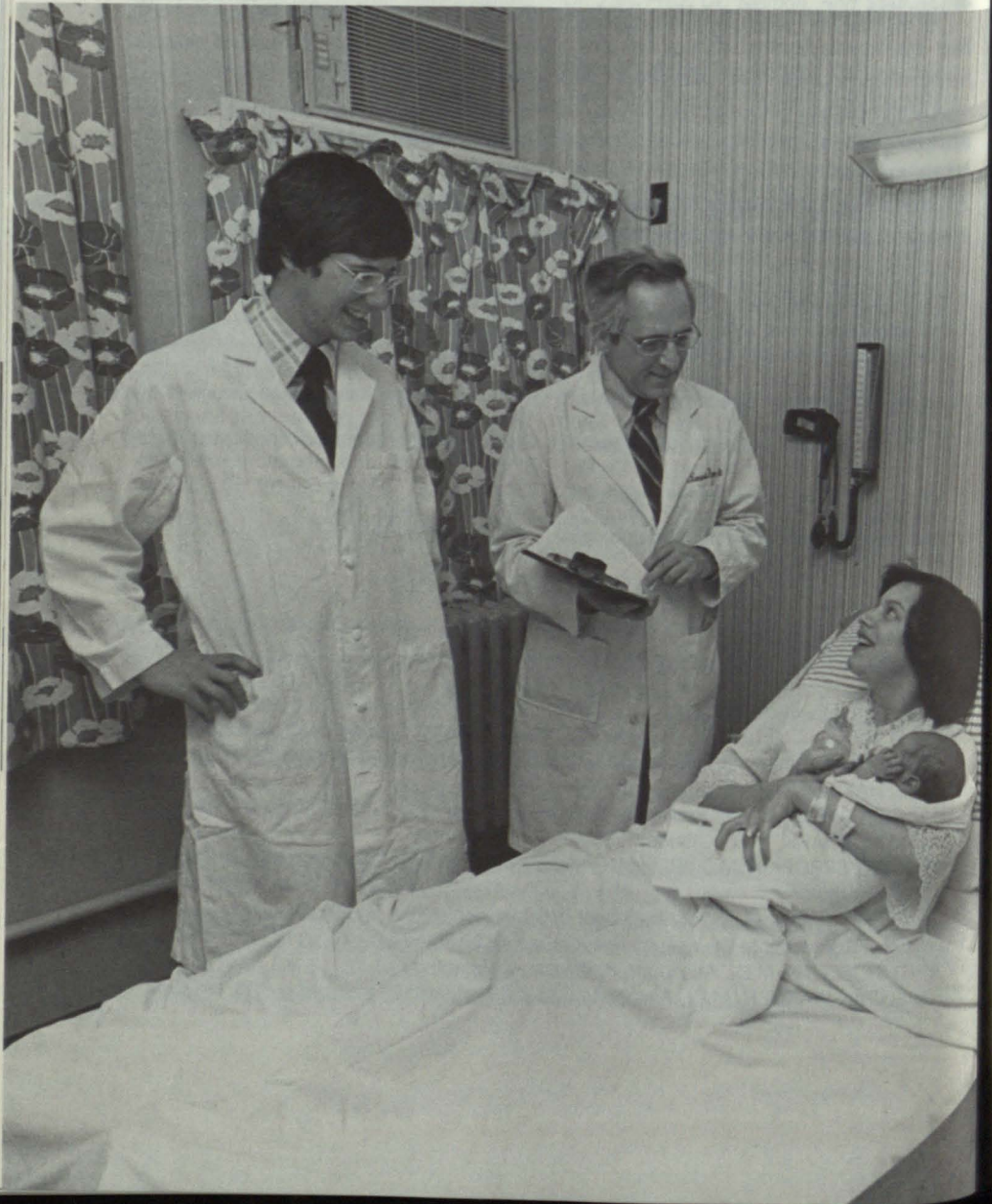
PEGGY FERRY, M.D., Associate Professor of Pediatrics; Associate Professor of Neurology

FRANK R. FREEMON, M.D., Associate Professor of Neurology

ROBERT ROELOFS, M.D., Associate Professor of Neurology

JOHN SLOAN WARNER, M.D., Associate Clinical Professor of Neurology

Students in clinical experiences make rounds with attending physicians on follow-ups of inpatients.



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- GARY DUNCAN, M.D., Assistant Professor of Neurology
 ANTHONY W. KILROY, M.B., B.S., Assistant Professor of Neurology; Assistant Professor of Pediatrics
 PETER K. LAW, Ph.D., Assistant Professor of Neurology
 L. WILLIAM McLAIN, JR., M.D., Assistant Professor of Neurology; Assistant Professor of Physiology
 JUDITH S. KAAS, Ph.D., Assistant Clinical Professor of Neurology
 ABDOLREZA EHYAI, M.D., Instructor in Neurology
 RUDOLPH TAUBNER, M.D., Instructor in Neurology

✦ THE Department of Neurology offers instruction to third-year students in diseases of the nervous system. Electives offered by the department include an introduction to clinical neurology which stresses the importance of neuroanatomy and physiology in the understanding of neurological disease, and an introduction to electromyography. Further clinical experience can be attained through specialty clinics offered as fourth-year electives. These clinics include the specialties of: pediatric neurology, adult neurology, epilepsy, general neurology, and neuromuscular disease. Clerkships in neurology at affiliated hospitals are available, as electives, in the fourth year. Elective research programs in basic neuroscience or clinical neurology are available to students at all levels.

Required Course

501. Clinical Clerkship. All members of the third-year class are alternately assigned to the neurology wards for two and one-half weeks. Students are given direct responsibility for the evaluation and care of patients

under the supervision of house staff and faculty. This brief exposure is intended to provide the students with an approach to patients with diseases of the nervous system. *Dr. Roelofs and Staff.*

Obstetrics and Gynecology

- LONNIE S. BURNETT, M.D., Professor of Obstetrics & Gynecology and Chairman of the Department
 JOHN C. BURCH, M.D., Professor of Gynecology, Emeritus (Died 27 August 1977)
 CONRAD G. JULIAN, M.D., Professor of Obstetrics & Gynecology
 MARIE-CLAIRE ORGEBIN-CRIST, Ph.D., Lucius E. Burch Professor of Reproductive Biology & Family Planning; Professor of Anatomy; Director of the Center for Population Research (On leave fall semester)
 DAVID RABIN, M.D., Professor of Medicine; Professor of Obstetrics & Gynecology
 PIERRE SOUPART, M.D., Ph.D., Professor of Obstetrics & Gynecology (Research)
 JOHN S. ZELENIK, M.D., Professor of Obstetrics & Gynecology
 D. SCOTT BAYER, M.D., Clinical Professor of Obstetrics & Gynecology
 HENRY W. FOSTER, M.D., Clinical Professor of Obstetrics & Gynecology
 B. KIMBROUGH HIBBETT III, M.D., Clinical Professor of Obstetrics & Gynecology

follow-ups



- G. SYDNEY McCLELLAN, M.D., Clinical Professor of Obstetrics & Gynecology, Emeritus
 C. GORDON PEERMAN, JR., M.D., Clinical Professor of Obstetrics & Gynecology
 HOUSTON SARRATT, M.D., Clinical Professor of Obstetrics & Gynecology
 FRANK H. BOEHM, M.D., Associate Professor of Obstetrics & Gynecology
 LARRY T. ARNOLD, M.D., Associate Clinical Professor of Obstetrics & Gynecology
 ROGER B. BURRUS, M.D., Associate Clinical Professor of Obstetrics & Gynecology
 JAMES W. JOHNSON, M.D., Associate Clinical Professor of Obstetrics & Gynecology
 WILLARD O. TIRRILL, JR., M.D., Associate Clinical Professor of Obstetrics, Emeritus
 ROBERT H. TOSH, M.D., Associate Clinical Professor of Obstetrics & Gynecology
 DAVID ACKER, M.D., Assistant Professor of Obstetrics & Gynecology
 JAMES F. DANIELL, M.D., Assistant Professor of Obstetrics & Gynecology
 BENJAMIN J. DANZO, Ph.D., Assistant Professor of Obstetrics & Gynecology
 DAVID L. DiPIETRO, Ph.D., Assistant Professor of Obstetrics & Gynecology (Research)
 JAMES H. GROWDON, JR., M.D., Assistant Professor of Obstetrics & Gynecology
 LOWELL W. ROGERS, M.D., Assistant Professor of Pathology; Assistant Professor of Obstetrics & Gynecology
 RUSSELL T. BIRMINGHAM, M.D., Assistant Clinical Professor of Obstetrics & Gynecology
 BENJAMIN H. CALDWELL, JR., M.D., Assistant Clinical Professor of Obstetrics & Gynecology
 ROBERT L. CHALFANT, M.D., Assistant Clinical Professor of Obstetrics & Gynecology
 GEORGE B. CRAFTON, M.D., Assistant Clinical Professor of Obstetrics & Gynecology
 ANGUS M. G. CROOK, M.D., Assistant Clinical Professor of Obstetrics & Gynecology
 JAMES WOOD ELLIS, M.D., Assistant Clinical Professor of Obstetrics & Gynecology
 RALPH R. KLING, JR., M.D., Assistant Clinical Professor of Obstetrics & Gynecology
 ROLAND D. LAMB, M.D., Assistant Clinical Professor of Gynecology
 HORACE T. LAVELY, JR., M.D., Assistant Clinical Professor of Gynecology
 H. NEWTON LOVVORN, JR., M.D., Assistant Clinical Professor of Obstetrics & Gynecology
 JAMES B. MILLIS, M.D., Assistant Clinical Professor of Obstetrics & Gynecology; Assistant Clinical Professor of Radiology
 HOMER M. PACE, M.D., Assistant Clinical Professor of Obstetrics & Gynecology
 ROY W. PARKER, M.D., Assistant Clinical Professor of Obstetrics & Gynecology
 ROBERT C. PATTERSON, JR., M.D., Assistant Clinical Professor of Obstetrics & Gynecology
 THOMAS F. WARDER, M.D., Assistant Clinical Professor of Obstetrics & Gynecology
 MARY L. ANDERSON, Ph.D., Instructor in Obstetrics & Gynecology
 JOHN VANHOOYDONK, M.D., Instructor in Obstetrics & Gynecology
 HARRY BAER, M.D., Clinical Instructor in Obstetrics & Gynecology
 JAMES M. BRAKEFIELD, M.D., Clinical Instructor in Obstetrics & Gynecology
 JOE MICHAEL EDWARDS, M.D., Clinical Instructor in Obstetrics & Gynecology
 CHARLES M. GILL, M.D., Clinical Instructor in Obstetrics & Gynecology
 PAUL A. GREEN, JR., M.D., Clinical Instructor in Obstetrics & Gynecology
 ELWYN M. GRIMES, M.D., Clinical Instructor in Obstetrics & Gynecology
 ERICH B. GROOS, M.D., Clinical Instructor in Obstetrics & Gynecology
 CHARLIE JOE HOBODY, M.D., Clinical Instructor in Obstetrics & Gynecology
 CHARLES H. HUDDLESTON, M.D., Clinical Instructor in Obstetrics & Gynecology
 ORRIN LESTER JONES, JR., M.D., Clinical Instructor in Obstetrics & Gynecology
 WILLIAM D. MARTIN, M.D., Clinical Instructor in Obstetrics & Gynecology
 SUSAN JOHNSON McDANIEL, M.D., Clinical Instructor in Obstetrics & Gynecology
 PHILIP A. NICHOLAS, M.D., Clinical Instructor in Obstetrics & Gynecology
 RON N. RICE, M.D., Clinical Instructor in Obstetrics & Gynecology

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J. RAL

WILLIAM D. SUMPTER, JR., M.D., Clinical Instructor in Obstetrics & Gynecology
 NORMAN E. WITTHAUER, M.D., Clinical Instructor in Obstetrics & Gynecology

✦ THE Department of Obstetrics and Gynecology provides third-year students with an introductory experience in inpatient and outpatient obstetrics and gynecology. A number of electives are offered at various levels. These include: reproductive biology, a high-risk obstetrics seminar, human sexuality, gynecologic pathology, and sex counseling. Research experiences and a clinical clerkship in obstetrics and gynecology are available as electives to fourth-year students.

Required Course

502. Clinical Clerkship. One-eighth of the third-year class is assigned for five weeks in each year. An introductory experience in inpatient and outpatient obstetrics and

gynecology is obtained. One-half of the experience will be at the Nashville General Hospital. *Dr. Burnett, Dr. Zelenik, Dr. Boehm, Dr. Growdon, and Dr. Acker.*

Ophthalmology

- JAMES H. ELLIOTT, M.D., Professor of Ophthalmology and Chairman of the Department (On leave fall semester)
 GEORGE W. BOUNDS, JR., M.D., Clinical Professor of Ophthalmology
 G. ALLEN LAWRENCE, M.D., Clinical Professor of Ophthalmology
 HENRY CARROLL SMITH, M.D., Clinical Professor of Ophthalmology, Emeritus
 JOHN STEVENS ANDREWS, JR., Ph.D., Associate Professor of Ophthalmology; Director of Ophthalmic Laboratories
 DENIS M. O'DAY, M.D., Associate Professor of Ophthalmology
 WALLACE H. FAULK, JR., M.D., Associate Clinical Professor of Ophthalmology
 FOWLER HOLLABAUGH, M.D., Associate Clinical Professor of Ophthalmology, Emeritus
 KATE SAVAGE ZERFOSS, M.D., Associate Clinical Professor of Ophthalmology, Emerita
 GARY S. GUTOW, M.D., Assistant Professor of Ophthalmology
 JOHN B. BOND III, M.D., Assistant Clinical Professor of Ophthalmology
 ABRAHAM PACHA CHEIJ, M.D., Assistant Clinical Professor of Ophthalmology
 L. ROWE DRIVER, M.D., Assistant Clinical Professor of Ophthalmology
 PHILIP L. LYLE, M.D., Assistant Clinical Professor of Ophthalmology
 LEE ROY MINTON, M.D., Assistant Clinical Professor of Ophthalmology
 FRED A. ROWE, M.D., Assistant Clinical Professor of Ophthalmology
 RONALD GABLE, M.D., Instructor in Ophthalmology
 ROY C. EZELL, M.D., Clinical Instructor in Ophthalmology
 WALTER W. FREY, M.D., Clinical Instructor in Ophthalmology
 ROBERT R. HENDERSON, M.D., Clinical Instructor in Ophthalmology
 JAMES P. LODEN, M.D., Clinical Instructor in Ophthalmology
 JOHN M. OMOHUNDRO III, M.D., Clinical Instructor in Ophthalmology
 J. RALPH RICE, M.D., Clinical Instructor in Ophthalmology

✿ THE Department of Ophthalmology provides second-year students an introduction to ophthalmology and the methodology of clinical science. The department also instructs third-year students, providing them with some clinical exposure in ophthalmology. An elective course available in both the second and third years consists of lectures on the basic and clinical aspects of ophthalmology, and an elective fourth-year clerkship and clinic provide intensive clinical experience.

Required Courses

501. Methods in Clinical Science: Introduction to Ophthalmology. Second year. This interdepartmental core curriculum is designed to acquaint the students with the techniques, approach and methods of clinical science. Two periods of two hours are devoted to didactic lectures on diagnostic techniques and instrumentation used routinely by ophthalmologists. The class then is divided into small tutorial groups and each student has exposure to a faculty member for a one and one-half hour period for detailed instruction in the use of the direct ophthalmoscope. *Dr. Elliott and Staff.*

502. Ophthalmology Clinical Clerkship. Third year. During the third year each student will be assigned to ophthalmology for one week. During this one week period the student is assigned to a resident full time and is responsible for patient work ups and presentation to the Chief of Service on Tuesday prior to surgery. The student gains operating room experience and receives lectures in the afternoon on prescribed topics. An examination is given at the completion of this rotation. This period of time is during the surgical sub-specialty rotation. *Staff.*

Orthopedics and Rehabilitation

PAUL P. GRIFFIN, M.D., Professor of Orthopedics & Rehabilitation and Chairman of the Department

ARTHUR LEROY BROOKS, M.D., Professor of Orthopedics & Rehabilitation

S. BENJAMIN FOWLER, M.D., Clinical Professor of Orthopedics & Rehabilitation

EUGENE M. REGEN, M.D., Clinical Professor of Orthopedic Surgery, Emeritus

JEREMY J. KAYE, M.D., Associate Professor of Radiology; Associate Professor of Orthopedics & Rehabilitation

RONALD E. ROSENTHAL, M.D., Associate Professor of Orthopedics & Rehabilitation; Associate Professor of Anatomy

GEORGE K. CARPENTER, M.D., Associate Clinical Professor of Orthopedic Surgery, Emeritus

HARRY BUGEL, M.D., Assistant Professor of Orthopedics & Rehabilitation

NEIL EDWARD GREEN, M.D., Assistant Professor of Orthopedics & Rehabilitation

PAUL H. KING, Ph.D., Associate Professor of Mechanical Engineering & Biomedical Engineering, School of Engineering; Assistant Professor of Orthopedics & Rehabilitation

MICHAEL A. MILEK, M.D., Assistant Professor of Orthopedics & Rehabilitation

WILLIAM G. SALE III, M.D., Assistant Professor of Orthopedics & Rehabilitation

RICHARD G. SHIAMI, Ph.D., Assistant Professor of Biomedical Engineering, School of Engineering; Assistant Professor of Orthopedics & Rehabilitation

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J. JEFFERSON ASHBY, M.D., Assistant Clinical Professor of Orthopedic Surgery, Emeritus
 ROBERT C. CODDINGTON, M.D., Assistant Clinical Professor of Orthopedics & Rehabilitation

DON L. EYLER, M.D., Assistant Clinical Professor of Orthopedics & Rehabilitation
 DONALD L. GAINES, M.D., Assistant Clinical Professor of Orthopedics & Rehabilitation
 ARNOLD HABER, JR., M.D., Assistant Clinical Professor of Orthopedics & Rehabilitation
 JERRY CHEEK HUNT, M.D., Assistant Clinical Professor of Orthopedics & Rehabilitation
 FRANK E. JONES, M.D., Assistant Clinical Professor of Orthopedics & Rehabilitation
 A. BRANT LIPSCOMB, M.D., Assistant Clinical Professor of Orthopedics & Rehabilitation;
 Team Physician

ANDREW H. MILLER, M.D., Assistant Clinical Professor of Orthopedics & Rehabilitation
 THOMAS F. PARRISH, M.D., Assistant Clinical Professor of Orthopedics & Rehabilitation
 EUGENE M. REGEN, JR., M.D., Assistant Clinical Professor of Orthopedics & Rehabilitation
 JOHN C. BROTHERS, M.D., Clinical Instructor in Orthopedics & Rehabilitation
 JOE G. BURD, M.D., Clinical Instructor in Orthopedics & Rehabilitation
 GEORGE K. CARPENTER, JR., M.D., Clinical Instructor in Orthopedics & Rehabilitation
 WESLEY COKER, M.D., Clinical Instructor in Orthopedics & Rehabilitation
 G. WILLIAM DAVIS, JR., M.D., Clinical Instructor in Orthopedics & Rehabilitation
 MARK DOYNE, M.D., Clinical Instructor in Orthopedics & Rehabilitation
 HAROLD A. FERGUSON, M.D., Clinical Instructor in Orthopedics & Rehabilitation
 DAVID W. GAW, M.D., Clinical Instructor in Orthopedics & Rehabilitation
 CHARLES M. HAMILTON, M.D., Clinical Instructor in Orthopedics & Rehabilitation
 ROBERT K. JOHNSTON, M.D., Clinical Instructor in Orthopedics & Rehabilitation
 DAVID S. JONES, M.D., Clinical Instructor in Orthopedics
 JOHN W. LAMB, M.D., Clinical Instructor in Orthopedics & Rehabilitation
 LAWRENCE P. LAUGHLIN, M.D., Clinical Instructor in Orthopedics & Rehabilitation
 JOHN M. MILLER, M.D., Clinical Instructor in Orthopedics & Rehabilitation
 CHARLES G. NORTON, M.D., Clinical Instructor in Orthopedics & Rehabilitation
 BARRETT F. ROSEN, M.D., Clinical Instructor in Orthopedics & Rehabilitation
 ROBERT V. RUSSELL, M.D., Clinical Instructor in Orthopedics & Rehabilitation
 NORMAN L. SIMS, M.D., Clinical Instructor in Orthopedics & Rehabilitation
 ROBERT E. STEIN, M.D., Clinical Instructor in Orthopedics & Rehabilitation
 E. DEWEY THOMAS, M.D., Clinical Instructor in Orthopedics & Rehabilitation
 JOHN M. WAMPLER, M.D., Clinical Instructor in Orthopedics & Rehabilitation

 THE Department of Orthopedics and Rehabilitation provides second-year students an introduction to orthopedic surgery in association with the methodology of clinical science. In the third year the department offers an introduction to clinical orthopedic surgery and some experience in an orthopedic inpatient service. Outpatient experience is offered to fourth-year students in coordination with the general surgery and other clinics. A course concerning emergency care of the injured is offered to fourth-year students as an elective. Elective specialty clinics are offered in the fourth year in such specialties as cerebral palsy, hand, and crippled children; and an elective fourth-year clerkship includes an intensive clinical experience in orthopedic surgery. An elective clerkship involving the joint activity between orthopedic surgery and other related departments is available to students at all levels. The de-

partment also offers an opportunity for fourth-year students to do research in orthopedic surgery.

Required Courses

501. Methods in Clinical Science: Introduction to Orthopedic Surgery. A series of lectures and demonstrations is presented in association with the course Methods in Clinical Science. Emphasis is placed upon the examination of the musculoskeletal system, assessment of normal and abnormal gait, standard measurement and recording of ranges of joint motion and muscle strength. Case presentations illustrate the basic mechanism of deformity and disability. SPRING. *Staff.*

502. Introduction to Clinical Orthopedic Surgery. A series of eight lectures is presented in the third year, covering traumatic and nontraumatic musculoskeletal conditions. Emphasis is placed upon the physiologic approach to the treatment of these problems. *Staff.*

503. Orthopedic Inpatient Service. During the third year each student group will be assigned to Orthopedic Surgery for two and one-half weeks. The two and one-half weeks will be spent with the students participating in ward patient care, clinic assignments, operating room experience, and daily conference. Students will be given a listing of materials they are expected to learn. Salter's textbook, *Disorders and Injuries of the Musculoskeletal System*, will be the standard text. *Staff.*

504. Orthopedic Outpatient Service. Outpatient experience in orthopedic surgery is coordinated with the general surgery and other clinics. (See Surgery 504.)

Pathology

- WILLIAM H. HARTMANN, M.D., Professor of Pathology and Chairman of the Department; Director of the Program in Medical Technology
- ROBERT D. COLLINS, M.D., Professor of Pathology
- WILLIAM A. GARDNER, M.D., Professor of Pathology
- LUBOMIR HNILICA, Ph.D., C.Sc., Mary Geddes Stahlman Professor of Cancer Research; Professor of Biochemistry; Professor of Pathology
- ROBERT G. HORN, M.D., Professor of Pathology
- VIRGIL S. LeQUIRE, M.D., Professor of Experimental Pathology; Professor of Anatomy
- FRED V. LUCAS, M.D., Professor of Pathology and Associate Dean
- BARTON McSWAIN, M.D., Professor of Surgery; Professor of Surgical Pathology, Emeritus
- MARTIN G. NETSKY, M.D., Professor of Pathology
- JOHN L. SHAPIRO, M.D., Professor of Pathology; Director of the Program in Cytotechnology
- HAROLD W. BROWN, Sc.D., M.D., D.P.H., L.H.D., L.L.D., Clinical Professor of Pathology
- FRANK C. WOMACK, M.D., Clinical Professor of Pathology
- JOHN F. EDLAND, M.D., Associate Professor of Pathology
- MARY E. GRAY, Ph.D., Associate Professor of Experimental Pathology
- JACEK HAWIGER, M.D., D.M.Sc., Associate Professor of Pathology; Associate Professor of Medicine (On leave fall semester)
- DAVID L. PAGE, M.D., Associate Professor of Pathology

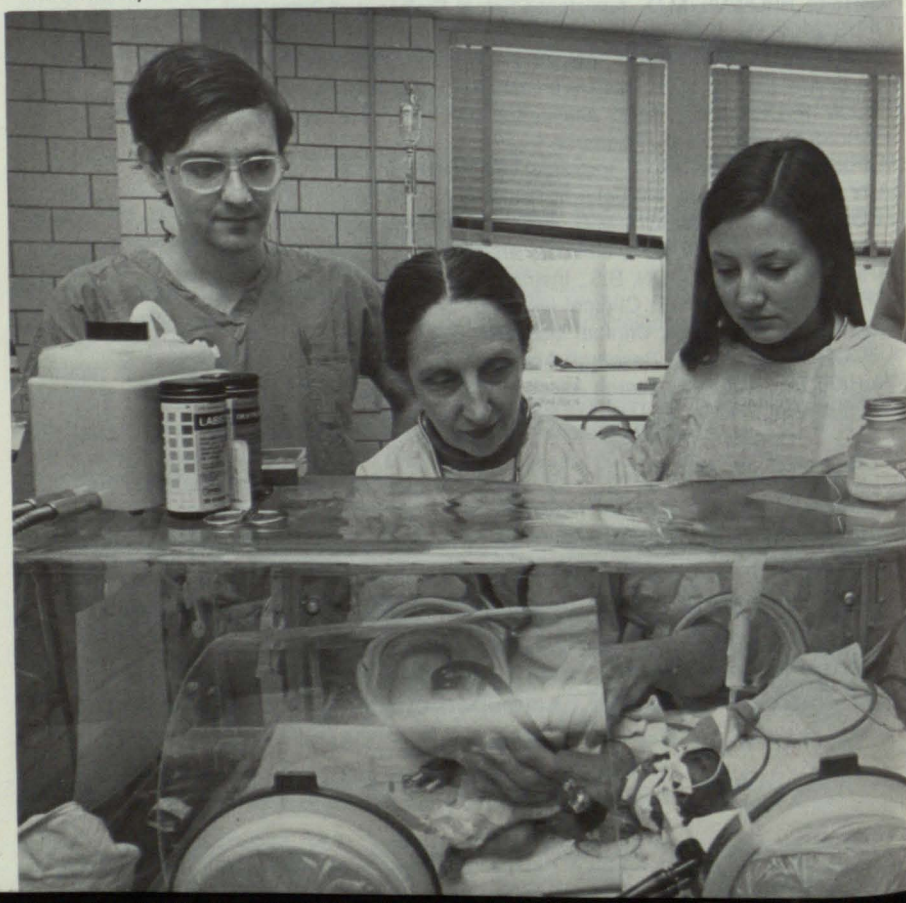
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- WILLIAM M. MITCHELL, M.D., Ph.D., Associate Professor of Pathology
 CHARLES H. WALLAS, M.D., Associate Professor of Pathology
 RICHARD D. BUCHANAN, M.D., Associate Clinical Professor of Pathology
 BERTRAM E. SPROFKIN, M.D., Clinical Professor of Neurology; Associate Clinical Professor of Neuropathology
 JOHN BROWN THOMISON, M.D., Associate Clinical Professor of Pathology
 ANH HUU DAO, M.D., Assistant Professor of Pathology
 HUGH A. DAVIES, Ph.D., Assistant Professor of Pathology
 SUSAN A. HALTER, M.D., Assistant Professor of Pathology
 ALAN D. GLICK, M.D., Assistant Professor of Pathology
 JAMES T. FORBES, Ph.D., Research Assistant Professor of Medicine; Research Assistant Professor of Pathology
 MYRON HOLSCHER, D.V.M., Ph.D., Assistant Professor of Pathology
 AUBREY J. HOUGH, JR., M.D., Assistant Professor of Pathology
 PAULETTE G. LANKFORD, Ph.D., Assistant Professor of Pathology in Nursing, School of Nursing; Assistant Professor of Pathology; Associate Dean of the Division of Allied Health Professions
 KAMALA PANIKER, M.D., Assistant Professor of Pathology
 N. VASUDEVA PANIKER, Ph.D., Assistant Professor of Pathology; Assistant Professor of Biochemistry
 LOWELL W. ROGERS, M.D., Assistant Professor of Pathology; Assistant Professor of Obstetrics & Gynecology
 LARRY L. SWIFT, Ph.D., Assistant Professor of Pathology
 M. SAM SUDMAN, D.P.H., Adjunct Assistant Professor of Pathology
 MAURICE M. ACREE, JR., M.D., Assistant Clinical Professor of Pathology
 HARRY G. BROWNE, M.D., Assistant Clinical Professor of Pathology
 RUFUS JACK FREEMAN, M.D., Assistant Clinical Professor of Pathology
 JERRY K. HUMPHREYS, M.D., Assistant Clinical Professor of Pathology
 LILIA D. MAURICIO, M.D., Assistant Clinical Professor of Pathology
 FRED W. RYDEN, Ph.D., M.D., Assistant Clinical Professor of Pathology
 CHARLES CHENG, Ph.D., Research Instructor in Pathology
 HARRIET G. JACOBS, Ph.D., Instructor in Pathology
 GARY NIBLACK, Ph.D., Instructor in Pathology
 L. DOUGLAS RICHARDSON, M.D., Instructor in Pathology
 SHIRLEY SCHUFFMAN, B.A., Instructor in Pathology (Electron Microscopy)
 MARIE TALLMAN WASSON, B.S., Instructor in Pathology
 RICHARD OLDHAM, M.D., Clinical Instructor in Pathology
 ROBERT W. WAHL, M.D., Clinical Instructor in Pathology
 HUZOOR-AKBAR, Ph.D., Research Associate in Pathology
 MAURICE H. HAUGH, Research Associate in Pathology
 JAMES A. WALDRON, M.D., Ph.D., Research Associate in Pathology

✦ THE Department of Pathology offers instruction in the study of the pathogenesis of disease and the structural and functional alterations which result from disease, including the natural history of these changes. The elective program includes lecture and/or laboratory experiences and research programs.

Lecture and/or laboratory electives include such subject areas as: the basic concepts of cancer, neuropathology, post-mortem material,

Clinical experience in neonatal intensive care unit



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neuropathology case presentations, neuropathology and its clinical correlation, reviews of current autopsy cases, gynecologic pathology, clinical pathology, clinical aspects of anatomic pathology, renal biopsy pathology, and hematopathology. A number of clerkships, offered as electives for third- and fourth-year students, provide experiences in autopsy pathology, surgical pathology, and pathology specialty areas.

Research fellowships are available to fourth-year students as electives and include a fellowship in pathology with a choice of research problems and a fellowship in electron microscopy.

Required Course

501. General and Special Pathology.

General and special pathology presented by lectures, demonstrations, discussions,

and laboratory work. Gross and microscopic lesions characteristic of various diseases are studied and correlated. [10] *Dr. Horn.*

Pediatrics


- DAVID T. KARZON, M.D., Professor of Pediatrics and Chairman of the Department
 RANDOLPH BATSON, M.D., Professor of Pediatrics
 IAN M. BURR, M.D., Professor of Pediatrics; Assistant Professor of Physiology; Investigator, Howard Hughes Medical Institute
 AMOS CHRISTIE, M.D., Professor of Pediatrics, Emeritus
 GERALD M. FENICHEL, M.D., Professor of Neurology and Chairman of the Department; Professor of Pediatrics; Director of the Neuromuscular Disease Research Center
 THOMAS P. GRAHAM, JR., M.D., Professor of Pediatrics
 JOHN LUKENS, M.D., Professor of Pediatrics
 JAMES A. O'NEILL, JR., M.D., Professor of Pediatric Surgery and Chairman of the Department; Professor of Pediatrics
 MILDRED STAHLMAN, M.D., Professor of Pediatrics; Director of the Neonatal Lung Center
 ERIC MARTIN CHAZEN, M.D., Clinical Professor of Pediatrics
 WILLIAM M. DOAK, M.D., Clinical Professor of Pediatrics
 JAMES C. OVERALL, M.D., Clinical Professor of Pediatrics, Emeritus
 WILLIAM A. ALTEMEIER III, M.D., Associate Professor of Pediatrics
 WILLIAM D. DONALD, M.D., Associate Professor of Pediatrics
 ERIC ENGEL, M.D., Professor of Medicine and Head of the Division of Genetics; Associate Professor of Pediatrics; Director of the Genetics Center
 PEGGY FERRY, M.D., Associate Professor of Pediatrics; Associate Professor of Neurology
 HARRY L. GREENE, M.D., Associate Professor of Pediatrics; Assistant Professor of Biochemistry
 SARAH H. SELL, M.D., Associate Professor of Pediatrics
 JOHN T. WILSON, M.D., Associate Professor of Pediatrics; Associate Professor of Pharmacology
 LUTHER A. BEAZLEY, M.D., Associate Clinical Professor of Pediatrics

- EUGENE L. BISHOP, JR., M.D., Associate Clinical Professor of Pediatrics
 LEONARD J. KOENIG, M.D., Associate Clinical Professor of Pediatrics
 JOSEPH F. LENTZ, M.D., Associate Clinical Professor of Pediatrics
 DAN S. SANDERS, JR., M.D., Associate Clinical Professor of Pediatrics
 CHARLES GORDON RENNICK SELL, M.D., B.Chir., D.C.H., Associate Clinical Professor of Pediatrics
 JOE M. STRAYHORN, M.D., Associate Clinical Professor of Pediatrics
 DAVID D. THOMBS, M.D., Associate Clinical Professor of Pediatrics
 THOMAS S. WEAVER, M.D., Associate Clinical Professor of Pediatrics
 ARVILLE V. WHEELER, M.D., Associate Clinical Professor of Pediatrics
 ROBERT C. BOERTH, M.D., Ph.D., Assistant Professor of Pediatrics; Assistant Professor of Pharmacology
 ROBERT J. BOUCEK JR., M.D., Assistant Professor of Pediatrics; Assistant Professor of Biochemistry
 ROBERT B. COTTON, M.D., Assistant Professor of Pediatrics
 RICHARD M. HELLER, M.D., Associate Professor of Radiology; Assistant Professor of Pediatrics
 ANTHONY W. KILROY, M.D., Assistant Professor of Neurology; Assistant Professor of Pediatrics
 SUSAN M. O'CONNOR, M.D., Assistant Professor of Pediatrics
 EPHRAIM SLONIM, M.B., B.S., Instructor in Pediatrics
 HAKAN SUNDELL, M.D., Assistant Professor of Pediatrics
 THOMAS WHITWORTH, M.D., Assistant Professor of Pediatrics
 PETER F. WRIGHT, M.D., Assistant Professor of Pediatrics; Assistant Professor of Microbiology
 HEARN G. BRADLEY, M.D., Assistant Clinical Professor of Pediatrics, Emeritus
 SAM W. CARNEY, JR., M.D., Assistant Clinical Professor of Pediatrics
 NORMAN M. CASSELL, M.D., Assistant Clinical Professor of Pediatrics
 RAY L. DUBUISSON, M.D., Assistant Clinical Professor of Pediatrics
 JOHN P. FIELDS, M.D., Assistant Clinical Professor of Pediatrics
 WILLIAM F. FLEET, M.D., Assistant Clinical Professor of Pediatrics
 RALPH GREENBAUM, M.D., Assistant Clinical Professor of Pediatrics
 CHARLES HIRSHBERG, M.D., Assistant Clinical Professor of Pediatrics
 ROBERT HAROLD LAIRD, M.D., Assistant Clinical Professor of Pediatrics
 HOSSEIN MASSOUD, M.D., Assistant Clinical Professor of Pediatrics
 JOHN R. MORGAN, M.D., Assistant Clinical Professor of Pediatrics
 JAMES S. PRICE, M.D., Assistant Clinical Professor of Pediatrics
 HARVEY SPARK, M.D., Assistant Clinical Professor of Pediatrics
 JOSEPH STERANKA, M.D., Assistant Clinical Professor of Pediatrics
 RICHARD P. TABER, M.D., Assistant Clinical Professor of Pediatrics
 DOROTHY JEAN TURNER, M.D., Assistant Clinical Professor of Pediatrics; Assistant Clinical Professor of Preventive Medicine
 WILLIAM BROWN WADLINGTON, M.D., Assistant Clinical Professor of Pediatrics
 ETHEL WALKER, M.D., Assistant Clinical Professor of Pediatrics
 ERLE E. WILKINSON, M.D., Assistant Clinical Professor of Pediatrics
 G. WALLACE WOOD, M.D., Assistant Clinical Professor of Pediatrics
 THOMAS B. ZERFOSS, JR., M.D., Assistant Clinical Professor of Pediatrics
 AMY M. ABRAMOVITZ, M.S.W., Instructor in Pediatrics (Social Work)
 JUDITH A. COOPER, M.S., Instructor in Pediatrics (Speech Pathology)
 HELEN B. COZY, Ph.D., Instructor in Pediatrics
 RITA A. FIE, M.S.S.W., Instructor in Pediatrics (Social Work)

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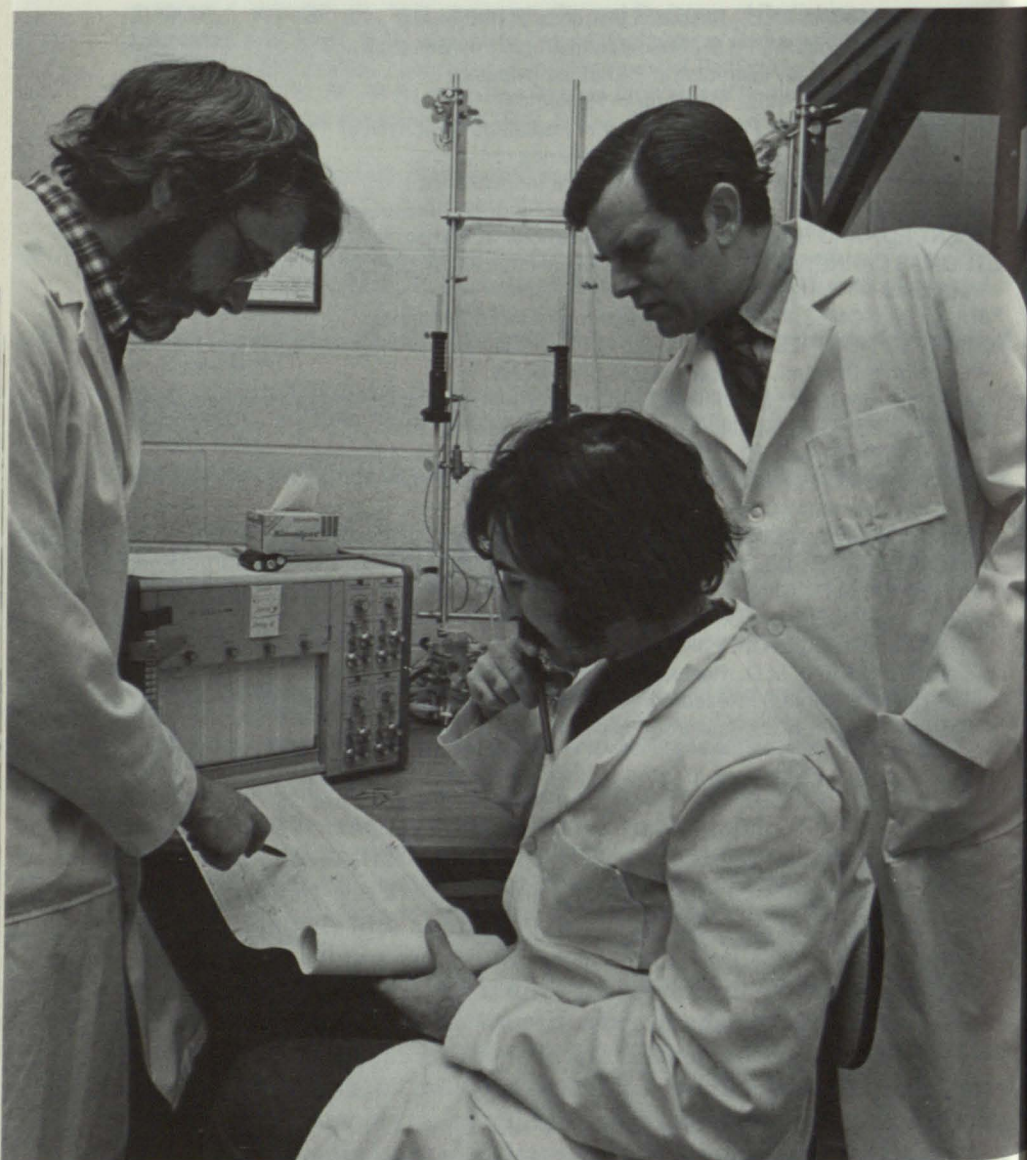
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- ROBERT C. KRAMP, Ph.D., Research Instructor in Pediatrics
DANIEL P. LINDSTROM, Ph.D., Research Instructor in Pediatrics
CHERYL MAJOR, B.S., Instructor in Pediatrics (Nursing)
GARY E. MEREDITH, M.D., Instructor in Pediatrics
THOMAS C. RHEA, JR., Ph.D., Instructor in Pediatrics (Biophysics)
JAMES S. ROLOFF, M.D., Instructor in Pediatrics
LINDSAY K. BISHOP, M.D., Clinical Instructor in Pediatrics
ROBERT C. BONE, M.D., Clinical Instructor in Surgery; Clinical Instructor in Pediatrics
ROBERT EDWARD BURR, M.D., Clinical Instructor in Pediatrics
E. THOMAS CARNEY, D.D.S., Associate Clinical Professor of Dentistry; Clinical Instructor in Pediatrics
PAUL C. W. GOMEZ, M.D., B.S., Clinical Instructor in Pediatrics
ROBERT H. HUTCHESON, JR., M.D., M.P.H., Clinical Instructor in Pediatrics; Clinical Instructor in Preventive Medicine & Public Health
WILLIAM C. KING, D.M.D., Clinical Instructor in Dentistry; Clinical Instructor in Pediatrics
WILLIAM R. LONG, M.D., Clinical Instructor in Pediatrics
SOL L. LOWENSTEIN, M.D., Clinical Instructor in Pediatrics, Emeritus
ROBERT E. MALLARD, M.D., Clinical Instructor in Pediatrics
JOE MOSS, JR., M.D., Clinical Instructor in Pediatrics
DEWEY G. NEMEC, M.D., Clinical Instructor in Pediatrics
L. WILLARD PARKER, D.M.D., Clinical Instructor in Dentistry; Clinical Instructor in Pediatrics
KAREN RHEA, M.D., Clinical Instructor in Pediatrics
ROBERT S. SANDERS, M.D., Clinical Instructor in Pediatrics
E. CONRAD SHACKLEFORD, JR., M.D., Clinical Instructor in Pediatrics
HIDENORI MEGURO, M.D., Research Associate in Pediatrics
JAMES H. NELSON, M.S., Research Associate in Pediatrics
ROBERT A. SHARP, M.S., Research Associate in Pediatrics

 THE Department of Pediatrics provides second-year students an introduction to pediatrics as part of the methods in clinical science course. Third-year students participate in a clinical experience on the pediatric wards and attend a series of clinical lectures and demonstrations. Fourth-year students participate in an outpatient service.

Electives available to students at various levels include such courses as: signposts of human growth and development; pediatric pathophysiology; pathogenetic mechanisms in clinical infectious disease; pediatric ward rounds; and introduction to clinical pediatrics; nutrition rounds; the fundamentals of human development; methods of delivering pediatric medical care in rural areas; and urban health problems.

Pediatric specialty clinics available to fourth-year students include: human development, allergy, cardiology, neurology, pulmonary, endocrinology, renal, diabetic endocrine, general pediatrics, and pediatric vaccine. Fourth-year students may participate in several clerkship electives which include: ward experience at Vanderbilt Hospital and Nashville General Hospital, child development, rural health, ambulatory



Results of drug trials are examined by students in the pharmacology laboratory.

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pediatrics, pediatric cardiology, pediatric endocrinology, pediatric hematology, and pediatric gastroenterology and nutrition. Preceptorships are available to fourth-year students as electives. Research electives in the fourth year include research programs in newborn physiology, infectious diseases, and the delivery of community medicine.

Required Courses

501. Methods in Clinical Science: Introduction to Pediatrics. As an integral part of the course Methods in Clinical Science, a series of lectures will be given in the second year. These lectures will prepare the students for their clinical experiences in the third year. Additionally, students are rotated through the department in small tutorial groups. SPRING. *Dr. Karzon and Staff.*

502. Clinical Clerkship. One-eighth of the third-year class is assigned to the pediatric wards for five weeks. Students participate in all phases of diagnosis and treatment of a wide variety of illnesses of children and infants. A portion of the clerkship includes work with selected infants in the premature and intensive care nurseries. Bedside teaching rounds on the wards and nursery

and seminars are held daily. *Dr. Karzon and Staff.*

503. Pediatric Outpatient Service. During the senior year each student spends eighteen half-days in the pediatric outpatient service at Vanderbilt and Nashville General Hospitals. Students have major responsibility for initial evaluation and management of acute and chronic childhood disease. Supervision is provided by full-time and clinical faculty. *Dr. Donald and Dr. Altemeier.*

504. Clinical Lectures and Demonstrations. A series of eighteen amphitheater clinics held biweekly throughout the year. Cases and discussions on diseases of importance in pediatrics are presented. *Dr. Karzon and Staff.*

Pharmacology

JOEL G. HARDMAN, Ph.D., Professor of Pharmacology and Chairman of the Department

ALLAN D. BASS, M.D., Professor of Pharmacology, Emeritus

MILTON T. BUSH, Ph.D., Professor of Pharmacology, Emeritus

JOHN E. CHAPMAN, M.D., Professor of Pharmacology; Dean; Professor of Medical Administration and Chairman of the Division of Medical Administration

WOLF-DIETRICH DETTBARN, M.D., Professor of Pharmacology

JOHN A. OATES, M.D., Professor of Pharmacology; Joe and Morris Werthan Professor of Investigative Medicine; Director of the Research Center for Pharmacology and Drug Toxicity

CHARLES B. PITTINGER, M.D., Professor of Anesthesiology; Professor of Pharmacology (On leave)

B. V. RAMA SASTRY, D.Sc., Ph.D., Professor of Pharmacology

DAVID G. SHAND, Ph.D., Professor of Pharmacology; Professor of Medicine; Director of the Specialized Center of Research in Hypertension

FRIDOLIN SULSER, M.D., Professor of Pharmacology; Director of the Psychopharmacology Research Center

JAMES V. DINGELL, Ph.D., Associate Professor of Pharmacology (One leave 1977/78)

JÜRGEN FRÖLICH, M.D., Associate Professor of Pharmacology; Associate Professor of Medicine

- ERWIN J. LANDON, M.D., Ph.D., Associate Professor of Pharmacology
 OAKLEY S. RAY, Ph.D., Professor of Psychology, College of Arts & Science; Associate Professor of Pharmacology
 PETER W. REED, Ph.D., Associate Professor of Pharmacology
 ELAINE SANDERS-BUSH, Ph.D., Associate Professor of Pharmacology
 J. THROCK WATSON, Ph.D., Associate Professor of Pharmacology
 GRANT R. WILKINSON, Ph.D., Associate Professor of Pharmacology
 JOHN T. WILSON, M.D., Associate Professor of Pediatrics; Associate Professor of Pharmacology
 ROBERT J. BARRETT, Ph.D., Associate Professor of Psychology, College of Arts & Science; Assistant Professor of Pharmacology
 ROBERT C. BOERTH, M.D., Ph.D., Assistant Professor of Pediatrics; Assistant Professor of Pharmacology
 ROBERT A. BRANCH, M.B., Ch.B., Assistant Professor of Medicine; Assistant Professor of Pharmacology
 DANIEL M. BUXBAUM, Ph.D., Assistant Professor of Pharmacology; Director of the Division of Educational Operations
 DAVID L. GARBERS, Ph.D., Assistant Professor of Pharmacology; Assistant Professor of Physiology; Investigator, Howard Hughes Medical Institute
 JOHN F. GERKENS, Ph.D., Research Assistant Professor of Pharmacology
 RAYMOND D. HARBISON, Ph.D., Assistant Professor of Pharmacology; Assistant Professor of Biochemistry
 GEORGE I. HENDERSON, Ph.D., Research Assistant Professor of Pharmacology
 WALTER C. HUBBARD, Ph.D., Research Assistant Professor of Pharmacology
 RONALD T. KUCZENSKI, Ph.D., Assistant Professor of Pharmacology; Assistant Professor of Biochemistry
 NANCY LEITH, Ph.D., Assistant Professor of Pharmacology; Assistant Professor of Psychology, College of Arts & Science
 DENNIS E. SCHMIDT, Ph.D., Assistant Professor of Pharmacology
 BRIAN SWEETMAN, Ph.D., Research Assistant Professor of Pharmacology
 LYNN WECKER, Ph.D., Research Assistant Professor of Pharmacology
 JACK N. WELLS, Ph.D., Assistant Professor of Pharmacology
 RAYMOND WOOSLEY, Ph.D., M.D., Assistant Professor of Medicine; Assistant Professor of Pharmacology
 RONALD KEITH CARR, M.S., Research Instructor in Pharmacology
 GEORGE L. KRAMER, Ph.D., Research Instructor in Pharmacology
 NORMAN A. RANISH, Ph.D., Instructor in Pharmacology
 H. JOSEPH SEKERKE, Ph.D., Research Instructor in Pharmacology
 DOUGLASS TABER, Ph.D., Research Instructor in Pharmacology
 A. RICHARD WHORTON, Ph.D., Research Instructor in Pharmacology
 KENNETH AULSEBROOK, Ph.D., Research Associate in Pharmacology
 STUART A. BERNEY, Ph.D., Research Associate in Pharmacology
 ALAN BRASH, Ph.D., Research Associate in Pharmacology
 ARVIND CHATURVEDI, Ph.D., Research Associate in Pharmacology
 DAVID GILLESPIE, M.S., Research Associate in Pharmacology
 DANIEL GOODMAN, Ph.D., Research Associate in Pharmacology
 ROBERT C. JAMES, Ph.D., Research Associate in Pharmacology
 THERESE MICHON KERAIVIS, Ph.D., Research Associate in Pharmacology
 HOWARD R. KNAPP, M.D., Research Associate in Pharmacology
 RICHARD KOSHAKJI, Ph.D., Research Associate in Pharmacology
 SUZANNE LAYCHOCK, Ph.D., Research Associate in Pharmacology

HAL MANIER, M.S., Research Associate in Pharmacology
 PHILIP A. ROUTLEDGE, M.B., B.S., Research Associate in Pharmacology
 MURRAY SMIGEL, Ph.D., Research Associate in Pharmacology
 W. BOLTON SMITH, M.A., Research Associate in Pharmacology
 LARRY STERANKA, Ph.D., Research Associate in Pharmacology

✿ THE Department of Pharmacology is responsible for the instruction of second-year students in the reactions of the human organism to chemical substances. Electives available to second-, third-, and fourth-year students include: pharmacology of the peripheral nervous system, psychopharmacology, endocrine pharmacology, and the pharmacology of anesthesia. A clerkship in clinical pharmacology is offered in the fourth year. Seminars, research programs, and special course work assignments are also available to fourth-year students as electives.

Required Course


501. Pharmacology. 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

in which the student has an opportunity to become familiar with pharmacological techniques. Six lectures a week and five hours of laboratory work a week. SPRING. *Dr. Hardman and Staff.*

Physiology

CHARLES RAWLINSON PARK, M.D., Professor of Physiology and Chairman of the Department; Director, Howard Hughes Medical Institute-Vanderbilt
 JOHN H. EXTON, M.B., Ch.B., Ph.D., Professor of Physiology; Director, Howard Hughes Medical Institute Laboratories for the Study of Metabolic Disorders
 TETSURO KONO, Ph.D., Professor of Physiology
 H. C. MENG, M.D., Ph.D., Professor of Physiology; Professor of Surgery
 JANE H. PARK, Ph.D., Professor of Physiology
 ROBERT L. POST, M.D., Professor of Physiology
 DAVID M. REGEN, Ph.D., Professor of Physiology
 ELLEN H. A. WONG, Ph.D., Visiting Professor of Physiology
 J. D. CORBIN, Ph.D., Associate Professor of Physiology; Investigator, Howard Hughes Medical Institute
 OSCAR B. CROFFORD, JR., M.D., Professor of Medicine, Addison Scoville Chair in Diabetes & Metabolism and Head of the Division of Diabetes & Metabolism; Associate Professor of Physiology; Director of the Diabetes Endocrinology Center

- DAVID N. ORTH, M.D., Professor of Medicine; Associate Professor of Physiology
 IAN M. BURR, M.D., Professor of Pediatrics; Assistant Professor of Physiology; Investigator,
 Howard Hughes Medical Institute
 TIMOTHY M. CHAN, Ph.D., Assistant Professor of Physiology
 ALAN D. CHERRINGTON, Ph.D., Assistant Professor of Physiology
 THOMAS H. CLAUS, Ph.D., Assistant Professor of Physiology
 SHARON FRANCIS, Ph.D., Assistant Professor of Physiology
 DAVID L. GARBERS, Ph.D., Assistant Professor of Pharmacology; Assistant Professor of
 Physiology; Investigator, Howard Hughes Medical Institute
 ROGER A. JOHNSON, Ph.D., Assistant Professor of Physiology
 STANLEY L. KEELY, Ph.D., Assistant Professor of Physiology
 SIMON PILKIS, Ph.D., M.D., Assistant Professor of Physiology; Investigator, Howard Hughes
 Medical Institute
 THOMAS R. SODERLING, Ph.D., Assistant Professor of Physiology; Investigator, Howard
 Hughes Medical Institute
 LINCOLN SMITH WILKERSON, Ph.D., Research Instructor in Physiology
 PETER F. BLACKMORE, Ph.D., Research Associate in Physiology
 DAVID FLOCKHART, Ph.D., Research Associate in Physiology
 YOSHIHIRO FUKUSHIMA, Ph.D., Research Associate in Physiology
 MARY FRANCES JETT, Ph.D., Research Associate in Physiology
 BALWANT S. KHATRA, Ph.D., Research Associate in Physiology
 THOMAS M. LINCOLN, Ph.D., Research Associate in Physiology
 RAY PERKINS, JR., Ph.D., Research Associate in Physiology
 STEPHEN RANNELS, Ph.D., Research Associate in Physiology
 KURT STEINER, Ph.D., Research Associate in Physiology
 ASHOK SRIVASTAVA, Ph.D., Research Associate in Physiology
 KAZUO SUZUKI, M.D., Research Associate in Physiology
 TSUGUHIKO TASHIRO, M.D., Research Associate in Physiology
 TIMOTHY F. WALSETH, Ph.D., Research Associate in Physiology
 RICHARD WHITESELL, Ph.D., Research Associate in Physiology

 THE Department of Physiology instructs first-year students in the essentials of physiological processes related to organs, tissues, and cells. Electives available to first-, second-, and fourth-year students include: topics in general physiology; lipid chemistry, metabolism, and transport; and advanced physiology. Opportunities to participate in research activities are available to fourth-year students as electives.

Required Course

501. Physiology. This course consists of lectures, conferences, and laboratory work designed to cover the essentials in physiology for first-year medical students. It or its

equivalent is also required of all graduate students majoring in physiology. SPRING [7] *Dr. C. Park.*

Preventive Medicine and Public Health

- ROBERT W. QUINN, M.D., C.M., Professor of Preventive & Social Medicine and Chairman of the Department of Preventive Medicine & Public Health; Professor of Epidemiology & Public Health, School of Engineering
- NICHOLAS HOBBS, Ph.D., Professor of Psychology, College of Arts & Science; Professor of Preventive Medicine & Public Health
- VERNON E. WILSON, M.D., Professor of Medical Administration; Professor of Preventive Medicine & Public Health; Vice-President for Medical Affairs; Acting Director of the Primary Care Center
- LESLIE A. FALK, D.Phil., M.D., Clinical Professor of Preventive Medicine & Public Health
- LEWIS B. LEFKOWITZ, JR., M.D., Associate Professor of Preventive Medicine & Public Health; Assistant Professor of Medicine
- WILLIAM SCHAFFNER, M.D., Associate Professor of Medicine; Associate Professor of Preventive Medicine & Public Health
- EUGENE W. FOWINKLE, M.D., M.P.H., Associate Clinical Professor of Preventive Medicine & Public Health
- ALAN RICHARD HINMAN, M.D., Associate Clinical Professor of Preventive Medicine & Public Health
- WILLIAM B. NESER, D.P.H., Associate Clinical Professor of Preventive Medicine & Public Health
- W. CARTER WILLIAMS, M.D., M.P.H., Assistant Professor of Preventive Medicine & Public Health, Emeritus
- JOSEPH M. BISTOWISH, M.D., M.P.H., Assistant Clinical Professor of Preventive Medicine & Public Health
- C. B. TUCKER, M.D., M.P.H., Assistant Clinical Professor of Preventive Medicine & Public Health Emeritus
- DOROTHY JEAN TURNER, M.D., Assistant Clinical Professor of Pediatrics; Assistant Clinical Professor of Preventive Medicine & Public Health
- RICHARD A. COUTO, Ph.D., Instructor in Preventive Medicine & Public Health; Assistant Professor of Political Science, College of Arts & Science; Director of the Center for Health Services
- WAYNE A. RAY, M.S., Research Instructor in Preventive Medicine
- JOHN S. DERRYBERRY, M.D., Clinical Instructor in Preventive Medicine & Public Health
- JOE C. EADES, M.S.S.W., Ph.D., Clinical Instructor in Preventive Medicine & Public Health
- JOSEPH H. FELDHAUS, M.D., Clinical Instructor in Preventive Medicine & Public Health
- BERTIE L. HOLLADAY, M.D., Clinical Instructor in Preventive Medicine & Public Health
- ROBERT H. HUTCHESON, JR., M.D., M.P.H., Clinical Instructor in Pediatrics; Clinical Instructor in Preventive Medicine & Public Health
- GRACE E. MOULDER, M.D., Clinical Instructor in Preventive Medicine & Public Health
- K. J. PHELPS, M.D., Clinical Instructor in Preventive Medicine & Public Health
- JESSE LEE WALKER, M.D., Clinical Instructor in Preventive Medicine & Public Health

Biostatistics

- CHARLES F. FEDERSPIEL, Ph.D., Associate Professor of Biostatistics and Director of the Division

WILLIAM K. VAUGHN, Ph.D., Associate Professor of Biostatistics
 WILLIAM D. DUPONT, Ph.D., Assistant Professor of Biostatistics

✦ THE Department of Preventive Medicine and Public Health offers second-year courses in the basic fundamentals of epidemiology, the epidemiologic principles of common problems in health and disease, medical statistics, and the basic principles of public health and preventive medicine. Electives available to students at various levels include: medicine in families and the community; applied epidemiology; biometry problems and experiences of aging; population problems and family planning; quantitative epidemiology; clinical trials and medical surveys; sampling methods; bioassay; interdisciplinary seminar on problems in health care delivery; and special projects in public health. A first-year field experience provides an introduction to comprehensive medical care. A preceptorship in family medicine, a seminar in public health, and clerkships in applied public health and family and community medicine are also available to second-, third-, and fourth-year students as electives.

Required Courses

501. Epidemiology and Health Services. For the first ten sessions of the semester, the basic principles of the organization, distribution, and content of the health services are discussed. The emphasis is on historical background; concept of need, demand, and supply; technologic innovation; costs; sociopolitical factors; and professional organization. (The following fourteen sessions of the assigned time will be devoted to 502, Medical Statistics.) Following the sessions in statistics, 501 resumes with ten sessions which deal with the basic fundamentals of epidemiology, the epidemiologic principles of common problems in health and disease. The objective is to enable students to consider individual patients and their problems in the larger context of their environment. Two hours per week. FALL. *Dr. Quinn and Dr. Lefkowitz.*

502. Medical Statistics. Students are informed that a programmed text in medical statistics is available for study at their convenience during the first ten sessions of the semester. Fourteen one-hour sessions are then devoted to Medical Statistics to acquaint students with basic principles of statistical inference as related to medical

research. Before the sessions on statistics begin, an examination is given covering the material in the programmed text. Those receiving a passing grade on this examination may be excused from the formal sessions. Those who do not pass are required to attend the lectures, and an examination is required at the end of these fourteen sessions. Two hours per week. SPRING. *Dr. Federspiel.*

503. Principles of Public Health and Preventive Medicine. A course of lectures intended to provide second-year students with the preventive point of view in the practice of medicine, to make them aware of the major health problems and of the changing nature of major health problems, and to acquaint them with the organized forces working for the advancement of public health. The following subjects are among those considered: epidemiology, etiology, modes of transmission and methods of prevention and control of communicable diseases: vital statistics; maternal and infant hygiene; the venereal disease problem; the more common occupational diseases; civilian defense and disaster control; school hygiene; principles of housing; water supplies and

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sewage disposal, and population problems. Clinical preventive medicine is emphasized in relation to cardiovascular diseases; diabetes, cancer, and the problems of geriatrics are presented. Stress is placed on

principles in public health administration at international, national, state, and local levels and their relation to the practitioner of medicine. Twenty-one hours. FALL & SPRING. *Dr. Quinn and Staff.*

Psychiatry

- MARC H. HOLLENDER, M.D., Professor of Psychiatry and Chairman of the Department; Director of the Mental Health Center
- HARRY S. ABRAM, M.D., Professor of Psychiatry (Died 3 September 1977)
- THOMAS A. BAN, M.D., Professor of Psychiatry
- PIETRO CASTELNUOVO-TEDESCO, M.D., James G. Blakemore Professor of Psychiatry
- CHARLESE. GOSHEN, M.D., Professor of Engineering Management, School of Engineering; Professor of Psychiatry
- FRANK H. LUTON, M.D., Professor of Psychiatry, Emeritus
- WILLIAM F. ORR, M.D., Professor of Psychiatry, Emeritus
- WARREN W. WEBB, Ph.D., Professor of Psychology, College of Arts & Science; Professor of Psychiatry (Clinical Psychology)
- CHARLES E. WELLS, M.D., Professor of Psychiatry; Professor of Neurology
- OTTO BILLIG, M.D., Clinical Professor of Psychiatry, Emeritus
- WILLIAM GUY, Ph.D., Associate Professor of Psychiatry (Psychology)
- HOWARD B. ROBACK, Ph.D., Associate Professor of Psychiatry (Clinical Psychology); Associate Professor of Psychology, College of Arts & Science
- C. RICHARD TREADWAY, M.D., Associate Professor of Medical Administration; Associate Professor of Psychiatry; Associate Vice-President for Medical Affairs, Office of Program Planning & Development
- ROBERT W. ADAMS, JR., M.D., Associate Clinical Professor of Psychiatry
- DAVID BARTON, M.D., Associate Clinical Professor of Psychiatry
- CHARLES CORBIN, JR., M.D., Associate Clinical Professor of Psychiatry
- H. JAMES CRECRAFT, M.D., Associate Clinical Professor of Psychiatry
- VIRGINIA KIRK, Ph.D., Associate Clinical Professor of Clinical Psychology, Emerita
- ROBERT M. REED, M.D., Associate Clinical Professor of Psychiatry
- CHARLES B. SMITH, M.D., Associate Clinical Professor of Psychiatry
- FRANK W. STEVENS, M.D., Associate Clinical Professor of Psychiatry; Associate Clinical Professor of Surgery
- WILLIAM R. C. STEWART, JR., M.D., Associate Clinical Professor of Psychiatry
- ROBERT F. BAXTER, M.D., Assistant Professor of Psychiatry
- C. DENTON BUCHANAN, Ph.D., Assistant Professor of Psychiatry (Clinical Psychology)
- WILLIAM D. CALHOUN, M.D., Assistant Professor of Psychiatry
- THOMAS W. CAMPBELL, M.D., Assistant Professor of Psychiatry
- MILES K. CROWDER, M.D., Assistant Professor of Psychiatry
- J. EMMETT DOZIER, JR., M.D., Assistant Professor of Psychiatry
- FAY M. GASKINS, M.D., Assistant Professor of Psychiatry and University Psychiatrist
- JAMES H. HAMILTON, M.D., Assistant Professor of Psychiatry
- E. MITCHELL HENDRIX, Ph.D., Assistant Professor of Psychiatry (Psychology)
- RONALD KOURANY, M.D., Assistant Professor of Psychiatry

- SUSAN LEWIS, Ph.D., Assistant Professor of Psychiatry (Clinical Psychology); Assistant Professor of Psychology, College of Arts & Science
- THOMAS P. LOGAN, M.D., Assistant Professor of Psychiatry
- EMBRY A. MCKEE, M.D., Assistant Professor of Psychiatry
- JAMES E. MARTIN, M.S.S.W., Assistant Professor of Psychiatry (Social Work)
- WILLIAM M. PETRIE, M.D., Assistant Professor of Psychiatry
- BRUCE W. RAU, M.D., Assistant Professor of Psychiatry
- STEWART A. SHEVITZ, M.D., Assistant Professor of Psychiatry
- ELISABETH VORBUSCH, M.D., Assistant Professor of Psychiatry
- LaVERGNE WILLIAMS, M.S.S.W., Assistant Professor of Psychiatric Social Work, Emerita
- GEORGINA ABISELLAN, M.D., Assistant Clinical Professor of Psychiatry
- HARVEY ASHER, Assistant Clinical Professor of Psychiatry
- HENRY B. BRACKIN, JR., M.D., Assistant Clinical Professor of Psychiatry
- MICHAEL L. CAMPBELL, Ph.D., Assistant Clinical Professor of Psychiatry (Clinical Psychology)
- WILLIAM E. COOPWOOD, M.D., Assistant Clinical Professor of Psychiatry
- JAMES R. FARRER, M.D., Assistant Clinical Professor of Psychiatry
- JOSEPH FISHBEIN, M.D., Assistant Clinical Professor of Psychiatry
- EDMON L. GREEN, M.D., Assistant Clinical Professor of Psychiatry
- MAURICE HYMAN, M.D., Assistant Clinical Professor of Psychiatry
- HAROLD W. JORDAN, M.D., Assistant Clinical Professor of Psychiatry
- WILLIAM D. KENNER, M.D., Assistant Clinical Professor of Psychiatry
- MICHAEL J. KEYES, M.D., Assistant Clinical Professor of Psychiatry
- KENT KYGER, M.D., Assistant Clinical Professor of Psychiatry
- ALBERT R. LAWSON, M.D., Assistant Clinical Professor of Psychiatry
- JAMES B. McGEHEE, M.D., Assistant Clinical Professor of Psychiatry
- LEONARD MORGAN, Ph.D., Assistant Clinical Professor of Psychiatry (Clinical Psychology)
- EARL H. NINOW, M.D., Assistant Clinical Professor of Psychiatry
- ROBERT N. REYNOLDS, M.D., Assistant Clinical Professor of Psychiatry
- FRANK W. STEVENS, JR., M.D., Assistant Clinical Professor of Psychiatry
- NAT T. WINSTON, M.D., Assistant Clinical Professor of Psychiatry
- GUY ZIMMERMAN, M.D., Assistant Clinical Professor of Psychiatry
- LYNN MEADE THOMPSON, M.S.S.W., Instructor in Psychiatry (Social Work)
- JANET B. WATERMAN, M.A., Instructor in Psychiatry (Education)
- FRANCISCO A. CAMPOS, M.D., Clinical Instructor in Psychiatry
- BOB FREUNDLICH, M.D., Clinical Instructor in Psychiatry
- JOHN J. GRIFFIN, M.D., Clinical Instructor in Psychiatry
- LOUIS SAMPSON, M.D., Clinical Instructor in Psychiatry
- WILLIAM F. SHERIDAN, JR., M.D., Clinical Instructor in Psychiatry
- ANTHONY VILLAMENA, M.D., Clinical Instructor in Psychiatry
- HANS VORBUSCH, M.D., Clinical Instructor in Psychiatry
- DENNIS C. WORKMAN, M.D., Clinical Instructor in Psychiatry
- MARGARET G. EVANS, Ph.D., Lecturer in Psychoanalysis
- JOSEPHINE E. MURPHY, M.A., Lecturer in Psychiatry (Clinical Psychology)
- ALVIN B. ROSENBLUM, M.D., Lecturer in Psychiatry
- AGNES SYLTE, R.N., Lecturer in Psychiatry

Assistant

Human Behavior

VIRGINIA ABERNETHY, Ph.D., Associate Professor of Psychiatry (Anthropology) and Head of the Division of Human Behavior

JOHN E. PATE, Ed.D., Professor of Psychiatry (Educational Psychology)

RICHARD BRUEHL, Ph.D., Assistant Professor of Pastoral Theology & Counseling, Divinity School; Assistant Clinical Professor of Human Behavior

k, Emerita

Affiliated Faculty

FRIDOLIN SULSER, M.D., Professor of Pharmacology

KARL P. WARDEN, J.D., LL.M., Professor of Law

al Psychol-

ERLINE H. GORE, M.S.N., R.N., Associate Professor of Psychiatric Nursing, School of Nursing

SUSAN A. MORGAN, M.S.N., R.N., Assistant Professor of Psychiatric Nursing

HANS H. STRUPP, Ph.D., Distinguished Professor of Psychology

✦ THE Department of Psychiatry instructs second-year students in the diagnosis, etiology, and treatment of basic psychiatric disorders. The department also presents a series of lectures on human behavior and the practice of medicine to first-year students. In the third year, students participate in a clerkship studying various psychiatric problems in both inpatient and outpatient settings.

psychology)

A number of elective courses offered at various levels include such topics as: dying, death, and bereavement; unsolved problems of law, medicine, and society; determinants of human behavior; sex counseling; population problems and family planning; human sexuality; medicine in families and the community; services and education programs for handicapped children; and school health programs. A number of clerkships, offered to fourth-year students as electives, provide intensive clinical experience in both inpatient and outpatient settings.

Required Courses

501. Psychiatry. This course acquaints the second-year student with the diagnosis, etiology, and treatment of the basic psychiatric disorders. Case presentations are used to demonstrate the major disorders discussed in the lecture series. *Dr. Baxter and Staff.*

503. Psychiatry Clerkship. A five-week block of time in which adults with various psychiatric problems are studied in inpatient and outpatient settings by third-year students. Patient care, ward rounds, confer-

ences, lectures, and demonstrations of psychiatric, psychological, and social work practices. *Dr. Baxter, Dr. Hollender, Dr. Crowder, and Staff.*

504. Human Behavior and the Practice of Medicine. First Year. This series of lectures and presentations provides a survey of the development and integration of the physical, psychological, and social determinants of human behavior. The achievement of health and emotional well-being through effective development and adaptation to en-

vironmental circumstances is emphasized in an attempt to present health and well-being as a state other than simply the absence of an identifiable disease. The course

provides a framework for the consideration of psychosocial factors in the practice of medicine. FALL. *Dr. Baxter and Staff.*

Radiology


- A. EVERETTE JAMES, M.D., Professor of Radiology and Chairman of the Department
 JOSEPH H. ALLEN, JR., M.D., Professor of Radiology
 A. BERTRAND BRILL, M.D., Ph.D., Professor of Radiology and Associate Professor of Medicine; Director of the Program in Nuclear Medicine Technology; Associate Professor of Physics, College of Arts & Science; Associate Professor of Biomedical Engineering, School of Engineering (On leave 1977/78)
 HENRY P. PENDERGRASS, M.D., Professor of Radiology and Vice-Chairman of the Department
 ARMIN SCHWARTZ, M.D., Visiting Professor of Radiology
 EDWARD SIEGEL, Ph.D., Professor of Radiology
 S. JULIAN GIBBS, D.D.S., Ph.D., Associate Professor of Radiology; Assistant Professor of Dentistry
 RICHARD M. HELLER, JR., M.D., Associate Professor of Radiology; Assistant Professor of Pediatrics
 JEREMY J. KAYE, M.D., Associate Professor of Radiology; Associate Professor of Orthopedics & Rehabilitation
 GOPALA U. V. RAO, Sc.D., Associate Professor of Radiology
 DAVID ROLLO, Ph.D., M.D., Associate Professor of Radiology
 CLYDE W. SMITH, M.D., Associate Professor of Radiology
 JUAN TOUYA, M.D., Ph.D., Associate Professor of Radiology
 THOMAS R. DUNCAN, M.D., Associate Clinical Professor of Radiology
 LEIF EKELUND, M.D., Visiting Associate Professor of Radiology
 RANULFO ATIENZA, M.D., Assistant Professor of Radiology
 MARION G. BOLIN, M.D., Assistant Professor of Radiology
 MARK LEONARD BORN, M.D., Assistant Professor of Radiology
 FRANCISCO CORREA-PAZ, M.D., Assistant Professor of Radiology
 CRAIG COULAM, M.D., Ph.D., Assistant Professor of Radiology
 ANTHONY DOWLING, M.B., B.S., Assistant Professor of Radiology
 UZI EFRON, Ph.D., Visiting Research Assistant Professor in Radiology
 JON ERICKSON, Ph.D., Assistant Professor of Radiology
 JAMES GERLOCK, JR., M.D., Assistant Professor of Radiology
 R. BARRY GROVE, M.D., Assistant Professor of Radiology
 KENNETH L. HAILE, JR., M.D., Assistant Professor of Radiology
 DUK UN HONG, M.D., Assistant Professor of Radiology
 MINYARD D. INGRAM, M.D., Assistant Professor of Radiology
 A. C. JOHNSON, Ph.D., Assistant Professor of Radiology
 JOSEPH C. JONES, M.D., Assistant Professor of Radiology
 SANDRA G. KIRCHNER, M.D., Assistant Professor of Radiology
 PETER LAMS, M.B., B.S., Assistant Professor of Radiology

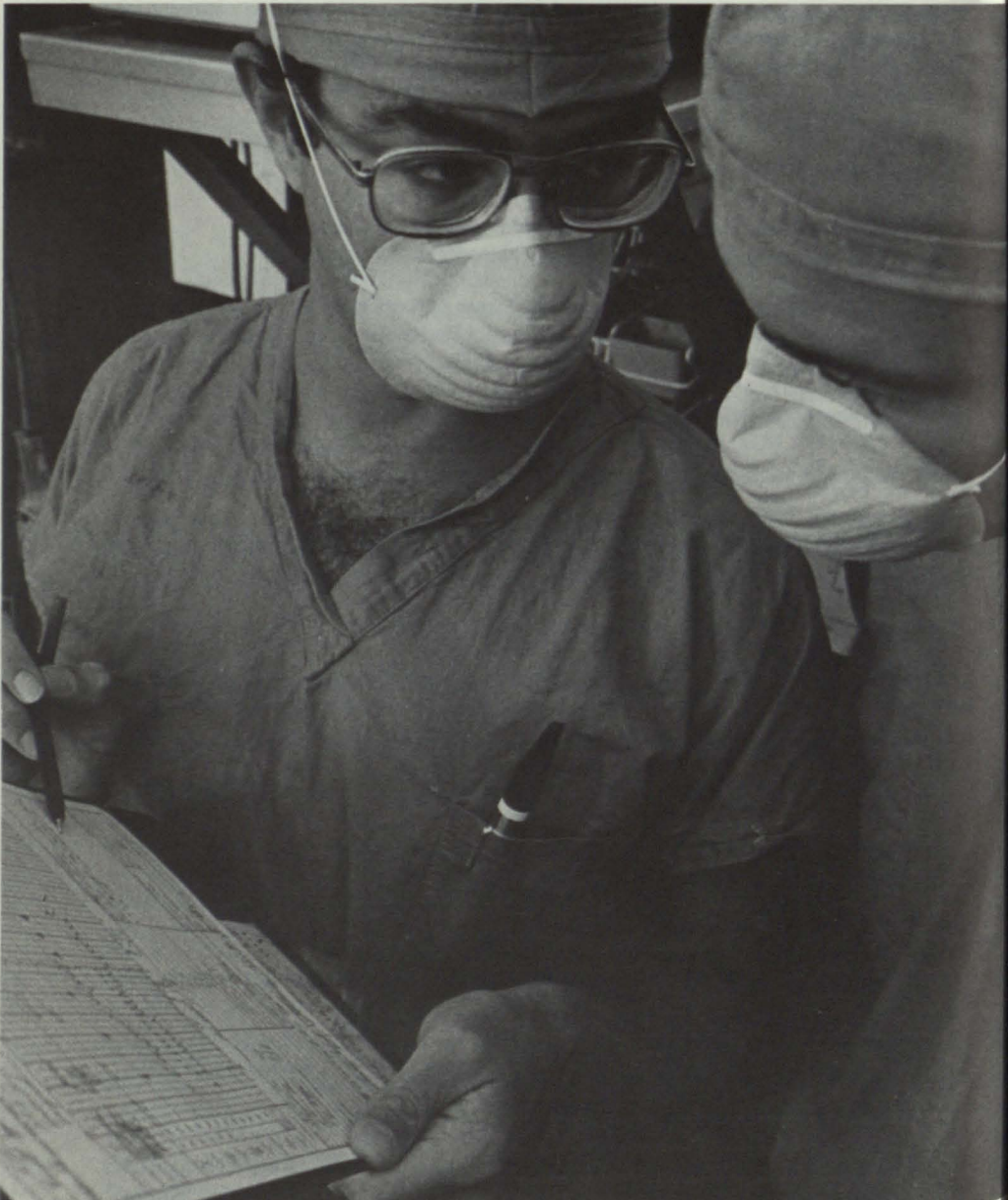
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- JOHN MOLIN, M.D., Assistant Professor of Radiology
CARLOS MUHLETALER, M.B.,B.S., Assistant Professor of Radiology
JAMES A. PATTON, Ph.D., Assistant Professor of Radiology
PATRICIA PERRY, M.B.,Ch.B., D.D.R., Assistant Professor of Radiology
RONALD R. PRICE, Ph.D., Assistant Professor of Radiology
STEVEN STROUP, M.D., Assistant Professor of Radiology and Director of the Program in Radiation Therapy Technology
R. MITCHELL BUSH, D.V.M, Adjunct Assistant Professor of Radiology
RONALD ADDLESTONE, M.D., Assistant Clinical Professor of Radiology
JOHN H. BEVERIDGE, M.D., Assistant Clinical Professor of Radiology
DANIEL C. GEDDIE, M.D., Assistant Clinical Professor of Radiology
BURTON P. GRANT, M.D., Assistant Clinical Professor of Radiology
JOSEPH M. IVIE, M.D., Assistant Clinical Professor of Radiology
BEN R. MAYES, M.D., Assistant Clinical Professor of Radiology
JAMES B. MILLIS, M.D., Assistant Clinical Professor of Obstetrics & Gynecology; Assistant Clinical Professor of Radiology
JAMES R. MOYERS, M.D., Assistant Clinical Professor of Radiology and Director of the Program in Radiologic Technology
RONALD E. OVERFIELD, M.D., Assistant Clinical Professor of Radiology
BURTON SILBERT, M.D., Assistant Clinical Professor of Radiology
SAIN AHUJA, Ph.D., Instructor in Radiology
VICTOR GONCHARENKO, M.D., Research Instructor in Radiology
GARY NOVAK, L.A.T., Research Instructor in Radiology
MICHAEL SESHUL, M.D., Instructor in Radiology
WILLIAM T. FARRAR, M.D., Clinical Instructor in Radiology
HAROLD L. GENTRY., M.D., Clinical Instructor in Radiology
CLIFTON E. GREER, M.D., Clinical Instructor in Radiology
WILLIAM M. HAMILTON, M.D., Clinical Instructor in Radiology
WILLIAM S. KEANE, M.D., Clinical Instructor in Radiology
SAMUEL D. LANE, M.D., Clinical Instructor in Radiology
ROBERT J. LINN, M.D., Clinical Instructor in Radiology
JOHN R. OLSON, M.D., Clinical Instructor in Radiology
RICHARD P. OWNBEY, M.D., Clinical Instructor in Radiology
W. FAXON PAYNE, M.D., Clinical Instructor in Radiology
SAMUEL BENTON RUTLEDGE, M.D., Clinical Instructor in Radiology
JOHN M. TANNER, M.D., Clinical Instructor in Radiology
ELSIE SIEGEL, M.S., Research Associate in Radiology

 THE Department of Radiology provides second-year students an introduction to radiology emphasizing the use of radiographic methods in the study of various organ systems as part of the methods in clinical science course. Third-year students attend lectures, discussions, and demonstrations on radiation hazards and radiographic diagnosis, and some therapy clinics. Electives available to students at various levels include: computer applications in medicine; fundamental principles in use of radioisotopes in biology and medicine; introduction to nuclear medicine: physics, instrumentation, and applications to clinical problems; diagnostic radiology; neuroradiology; radiobiology; and radiolog-



...include computer applications in medical diagnosis, the use of radioisotopes in biology and medicine, instruction in nuclear medicine, physics, instrumentation, and radiographic techniques. (Source: diagnostic radiology, nursing, and technology)

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ical physics, lecture and laboratory. Clerkships in radiology and therapeutic radiology are available to fourth-year students as electives.

Required Courses

501. Methods in Clinical Science: Introduction To Radiology. A series of lectures and demonstrations is given to introduce the student to the use of radiographic methods in the study of various organ systems. For first-year students, roentgen anatomy lectures are presented at the time of dissection of various systems. Methodology in radiology is stressed. The course will also include an introduction to the utilization of radiant

energy in the treatment of cancer. One hour per week. SPRING.

502. Radiology. For third-year students. Lectures and demonstrations with discussions of radiation hazards, radiographic diagnosis, and some therapy clinics. One hour per week for two academic units. FALL. Staff.

Section of Surgical Sciences

Surgery

- H. WILLIAM SCOTT, JR., M.D., Professor of Surgery and Chairman of the Department; Director of the Division of Surgical Sciences
- HARVEY W. BENDER, JR., M.D., Professor of Surgery and Chairman of the Department of Thoracic & Cardiac Surgery; Chairman of the Professional Practice Program
- WALTER G. GOBBEL, JR., M.D., Professor of Surgery; Associate Dean, Veterans Administration Affairs
- BARTON McSWAIN, M.D., Professor of Surgery & Surgical Pathology, Emeritus
- H. C. MENG, M.D., Ph.D., Professor of Physiology; Professor of Surgery
- JOHN L. SAWYERS, M.D., Professor of Surgery
- BENJAMIN F. BYRD, JR., M.D., Clinical Professor of Surgery
- W. ANDREW DALE, M.D., Clinical Professor of Surgery
- ROLLIN A. DANIEL JR., M.D., Clinical Professor of Surgery, Emeritus
- DOUGLAS H. RIDDELL, M.D., Clinical Professor of Surgery
- LOUIS ROSENFELD, M.D., Clinical Professor of Surgery
- MATTHEW WALKER, M.D., Clinical Professor of Surgery
- R. BENTON ADKINS, JR., M.D., Associate Professor of Surgery; Associate Professor of Anatomy
- R. DARRYL FISHER, M.D., Associate Professor of Surgery
- PHILIP J. NOEL, M.D., Associate Professor of Surgery
- VERNON H. REYNOLDS, M.D., Associate Professor of Surgery
- ROBERT E. RICHIE, M.D., Associate Professor of Surgery
- EDMUND W. BENZ, M.D., Associate Clinical Professor of Surgery

WALTER L. DIVELEY, M.D., Associate Clinical Professor of Surgery
 HERSCHEL A. GRAVES, JR., M.D., Associate Clinical Professor of Surgery
 JACKSON HARRIS, M.D., Associate Clinical Professor of Surgery
 J. LYNWOOD HERRINGTON, JR., M.D., Associate Clinical Professor of Surgery
 J. KENNETH JACOBS, M.D., Associate Clinical Professor of Surgery
 MALCOLM R. LEWIS, M.D., Associate Clinical Professor of Surgery
 ROBERT McCracken, M.D., Associate Clinical Professor of Surgery
 DAUGH W. SMITH, M.D., Associate Clinical Professor of Surgery, Emeritus
 WILLIAM S. STONEY, JR., M.D., Associate Clinical Professor of Surgery
 ROBERT L. BOMAR, JR., M.D., Assistant Professor of Surgery
 RICHARD H. DEAN, M.D., Assistant Professor of Surgery
 W. GARDNER RHEA, JR., M.D., Assistant Professor of Surgery
 AMOS DARRELL TACKETT, M.D., Assistant Professor of Surgery
 RACHEL K. YOUNGER, B.A., Assistant Professor of Surgery (Research)
 WILLIAM C. ALFORD, JR. M.D., Assistant Clinical Professor of Surgery
 STANLEY BERNARD, M.D., Assistant Clinical Professor of Surgery
 CLOYCE F. BRADLEY, M.D., Assistant Clinical Professor of Surgery
 GEORGE BURRUS, M.D., Assistant Professor of Surgery
 PAUL S. CRANE, M.D., Assistant Clinical Professor of Surgery
 HAROLD C. DENNISON, JR., M.D., Assistant Clinical Professor of Surgery
 GEORGE E. DUNCAN, M.D., Assistant Clinical Professor of Surgery
 WILLIAM H. EDWARDS, M.D., Assistant Clinical Professor of Surgery
 PARKER ELROD, M.D., Assistant Clinical Professor of Surgery
 JOHN L. FARRINGER, JR., M.D., Assistant Clinical Professor of Surgery
 JAMES C. GARDNER, M.D., Assistant Clinical Professor of Surgery, Emeritus
 SAM Y. GARRETT, M.D., Assistant Clinical Professor of Surgery
 CARL N. GESSLER, M.D., Assistant Clinical Professor of Surgery
 OSCAR F. NOEL, M.D., Assistant Clinical Professor of Surgery
 JEFFERSON C. PENNINGTON, JR., M.D., Assistant Clinical Professor of Surgery
 DAVID R. PICKENS, JR., M.D., Assistant Clinical Professor of Surgery
 ROBERT N. SADLER, M.D., Assistant Clinical Professor of Surgery
 HARRISON H. SHOULDERS, JR., M.D., Assistant Clinical Professor of Surgery
 CLARENCE S. THOMAS, JR., M.D., Assistant Clinical Professor of Surgery
 CHARLES C. TRABUE IV, M.D., Assistant Clinical Professor of Surgery
 WILSON H. BUTTS, B.A., Research Instructor in Surgery
 MARION B. TALLENT, JR., M.D., Instructor in Surgery
 TERRY ALLEN, M.D., Clinical Instructor in Surgery
 ROBERT C. BONE, M.D., Clinical Instructor in Surgery; Clinical Instructor in Pediatrics
 KENNETH L. CLASSEN, M.D., Clinical Instructor in Surgery
 BENJAMIN FISHER, M.D., Clinical Instructor in Surgery
 ROY G. HAMMONDS, M.D., Clinical Instructor in Surgery
 ROBERT A. HARDIN, M.D., Clinical Instructor in Surgery
 ROBERT W. IKARD, M.D., Clinical Instructor in Surgery
 JAMES P. LESTER, M.D., Clinical Instructor in Surgery
 M. CHARLES McMURRAY, M.D., Clinical Instructor in Surgery
 JOE M. MILLER, M.D., Clinical Instructor in Surgery
 I. ARMISTEAD NELSON, M.D., Clinical Instructor in Surgery
 ROY J. RENFRO, M.D., Clinical Instructor in Surgery
 LANSDON B. ROBBINS II, M.D., Clinical Instructor in Surgery
 JOHN K. WRIGHT, M.D., Clinical Instructor in Surgery

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Dentistry

- H. DAVID HALL, D.M.D., Professor of Oral Surgery and Chairman of the Department; Acting Chairman of the Department of Dentistry
- E. THOMAS CARNEY, D.D.S., Associate Clinical Professor of Dentistry; Clinical Instructor in Pediatrics
- S. JULIAN GIBBS, D.D.S., Ph.D., Associate Professor of Radiology; Assistant Professor of Dentistry
- WILLIS C. MARTIN, D.D.S., Assistant Professor of Dentistry
- JACK ALEXANDER TYSON, D.D.S., Assistant Professor of Dentistry
- ROY SHELDON BERKON, D.D.S., Assistant Clinical Professor of Dentistry
- JEFFREY B. CLARK, D.D.S., Assistant Clinical Professor of Dentistry
- HERBERT ALLEN CROCKETT, D.D.S., Assistant Clinical Professor of Dentistry
- FRANK H. DePIERRI, JR., D.M.D., Assistant Clinical Professor of Dentistry
- WILLIAM S. GRAY, D.D.S., Assistant Clinical Professor of Dentistry
- FRED H. HALL, D.D.S., Assistant Clinical Professor of Dental Surgery, Emeritus
- ROBERT C. LINEBERGER, D.D.S., Assistant Clinical Professor of Dentistry
- FRED M. MEDWEDEFF, D.D.S., Assistant Clinical Professor of Dentistry
- FELICE A. PETRUCELLI, D.D.S., Assistant Clinical Professor of Dentistry (Died 23 June 1977)
- REBECCA BAYS SCHWARTZ, D.D.S., Instructor in Dentistry
- JAMES B. BAYLOR, D.D.S., Clinical Instructor in Dentistry
- BARNETT J. HALL, D.D.S., Clinical Instructor in Dentistry
- PERRY F. HARRIS, D.D.S., M.D., Assistant Clinical Professor of Otolaryngology; Clinical Instructor in Dentistry
- WILLIAM C. KING, D.M.D., Clinical Instructor in Dentistry; Clinical Instructor in Pediatrics
- L. WILLARD PARKER, D.M.D., Clinical Instructor in Dentistry; Clinical Instructor in Pediatrics

Neurosurgery

- WILLIAM F. MEACHAM, M.D., L.H.D., Clinical Professor of Neurosurgery and Chairman of the Department
- CULLY A. COBB, JR., M.D., Clinical Professor of Neurosurgery
- ARNOLD MEIROWSKY, M.D., Associate Clinical Professor of Neurosurgery
- ARTHUR G. BOND III, M.D., Assistant Clinical Professor of Neurosurgery
- RAY W. HESTER, M.D., Assistant Clinical Professor of Neurosurgery
- CHARLES D. SCHEIBERT, M.D., Assistant Clinical Professor of Neurosurgery
- ARTHUR CUSHMAN, M.D., Clinical Instructor in Surgery (Neurosurgery)
- JAMES W. HAYS, M.D., Clinical Instructor in Neurosurgery
- EVERETTE I. HOWELL, M.D., Clinical Instructor in Neurosurgery
- WARREN F. McPHERSON, M.D., Clinical Instructor in Neurosurgery

Oral Surgery

- H. DAVID HALL, D.M.D., Professor of Oral Surgery and Chairman of the Department; Acting Chairman of the Department of Dentistry

SAMUEL O. BANKS, JR., D.D.S., Clinical Professor of Oral Surgery
 ELMORE HILL, D.M.D., Associate Clinical Professor of Oral Surgery
 EDWARD H. MARTIN, D.M.D., Associate Clinical Professor of Oral Surgery
 JONATHAN JACOBS, D.M.D., M.D., Assistant Professor of Oral Surgery
 C. JOSEPH LADD, D.D.S., Assistant Clinical Professor of Oral Surgery
 STANLEY C. RODDY, JR., D.M.D., Assistant Clinical Professor of Oral Surgery
 JACK CARLYLE SCHMITT, D.D.S., Assistant Clinical Professor of Oral Surgery
 JAMES W. NICKERSON, JR., D.M.D., Clinical Instructor in Oral Surgery

Otolaryngology

WILLIAM G. KENNON, JR., M.D., Associate Clinical Professor of Otolaryngology
 GUY M. MANESS, M.D., Clinical Professor of Otolaryngology, Emeritus
 ROBERT COLEMAN, Ph.D., Associate Professor of Speech Science; Assistant Professor of Otolaryngology
 CLYDE V. ALLEY, JR., M.D., Assistant Clinical Professor of Otolaryngology
 J. THOMAS BRYAN, M.D., Assistant Clinical Professor of Otolaryngology
 JERRALL P. CROOK, M.D., Assistant Clinical Professor of Otolaryngology
 WILLIAM L. DOWNEY, M.D., Assistant Clinical Professor of Otolaryngology
 HIRANYA GOWDA, M.D., Assistant Clinical Professor of Otolaryngology
 PERRY F. HARRIS, M.D., D.D.S., Assistant Clinical Professor of Otolaryngology; Clinical Instructor in Dentistry
 DAN HIGHTOWER, M.D., Assistant Clinical Professor of Otolaryngology
 LARSON DALE BECK, M.D., Clinical Instructor in Otolaryngology
 ANTHONY DRAKE CASPARIS, M.D., Clinical Instructor in Otolaryngology
 WILLIAM G. DAVIS, M.D., Clinical Instructor in Otolaryngology
 GALE W. MILLER, M.D., Clinical Instructor in Otolaryngology
 WILLIAM THOMAS MOORE, M.D., Clinical Instructor in Otolaryngology
 ROBERT C. OWEN, M.D., Clinical Instructor in Otolaryngology

Pediatric Surgery

JAMES A. O'NEILL, JR., M.D., Professor of Pediatric Surgery and Chairman of the Department; Professor of Pediatrics
 GEORGE W. HOLCOMB, JR., M.D., Associate Clinical Professor of Pediatric Surgery

Plastic Surgery

JOHN BROWN LYNCH, M.D., Professor of Plastic Surgery and Chairman of the Department
 GREER RICKETSON, M.D., Clinical Professor of Plastic Surgery
 JOHN DAVID FRANKLIN, M.D., Assistant Professor of Plastic Surgery

JAMES MADDEN, JR., M.D., Assistant Professor of Plastic Surgery
JAMES H. FLEMING, JR., M.D., Assistant Clinical Professor of Plastic Surgery
CHARLES W. MacMILLAN, M.D., Assistant Clinical Professor of Plastic Surgery
KIRKLAND W. TODD, JR., M.D., Assistant Clinical Professor of Plastic Surgery
REUBEN A. BUENO, M.D., Clinical Instructor in Plastic Surgery
TAKIS PATIKAS, M.D., Clinical Instructor in Plastic Surgery

Thoracic and Cardiac Surgery

HARVEY W. BENDER, JR., M.D., Professor of Surgery and Chairman of the Department of Thoracic & Cardiac Surgery; Chairman of the Professional Practice Program
WALTER G. GOBBEL, JR., M.D., Professor of Surgery; Associate Dean, Veterans Administration Affairs
JOHN L. SAWYERS, M.D., Professor of Surgery
H. WILLIAM SCOTT, JR., M.D., Professor of Surgery and Chairman of the Department; Director of the Division of Surgical Sciences
W. ANDREW DALE, M.D., Clinical Professor of Surgery
ROLLIN A. DANIEL, JR., M.D. Clinical Professor of Surgery, Emeritus
R. BENTON ADKINS, JR., M.D., Associate Professor of Surgery; Associate Professor of Anatomy
R. DARRYL FISHER, M.D., Associate Professor of Surgery
ROBERT E. RICHIE, M.D., Associate Professor of Surgery
WALTER L. DIVELEY, M.D., Associate Clinical Professor of Surgery
JACKSON HARRIS, M.D., Associate Clinical Professor of Surgery
J. KENNETH JACOBS, M.D., Associate Clinical Professor of Surgery
ROBERT McCracken, M.D., Associate Clinical Professor of Surgery
DOUGLAS H. RIDDELL, M.D., Associate Clinical Professor of Surgery
WILLIAM S. STONEY, JR., M.D., Associate Clinical Professor of Surgery
WILLIAM C. ALFORD, JR., M.D., Assistant Clinical Professor of Surgery
WILLIAM H. EDWARDS, M.D., Assistant Clinical Professor of Surgery
ROBERT N. SADLER, M.D., Assistant Clinical Professor of Surgery
CLARENCE S. THOMAS, JR., M.D., Assistant Clinical Professor of Surgery

Urology

ROBERT K. RHAMY, M.D., Professor of Urology and Chairman of the Department
H. EARL GINN, M.D., Professor of Medicine and Head of the Renal Division; Associate Professor of Urology; Associate Professor of Biomedical Engineering, School of Engineering
HARRY S. SHELLEY, M.D., Associate Professor of Urology, Emeritus; Honorary Curator of the Historical Collection in the Medical Library
WILLIAM J. STONE, M.D., Associate Professor of Medicine; Associate Professor of Urology
PAUL E. TESCHAN, M.D., Associate Professor of Medicine; Associate Professor of Urology
EDWARD H. BARKSDALE, M.D., Associate Clinical Professor of Urology, Emeritus

CHARLES E. HAINES, JR., M.D., Associate Clinical Professor of Urology, Emeritus
 PHILLIP P. PORCH, JR., M.D., Associate Clinical Professor of Urology
 VICTOR BRAREN, M.D., Assistant Professor of Urology
 FREDERICK K. KIRCHNER, M.D., Assistant Professor of Urology
 BRUCE I. TURNER, M.D., Assistant Professor of Urology
 OSCAR CARTER, M.D., Assistant Clinical Professor of Urology
 ALBERT P. ISENHOUR, M.D., Assistant Clinical Professor of Urology
 ROBERT E. McCLELLAN, M.D., Assistant Clinical Professor of Urology
 TOM E. NESBITT, M.D., Assistant Clinical Professor of Urology
 JOHN M. TUDOR, M.D., Assistant Clinical Professor of Urology
 ROBERT B. BARNETT, M.D., Clinical Instructor in Urology
 ROBERT A. CARTER, M.D., Clinical Instructor in Urology
 ROBERT H. EDWARDS, M.D., Clinical Instructor in Urology
 ROBERT FABER, M.D., Clinical Instructor in Urology
 JOHN R. FURMAN, M.D., Clinical Instructor in Urology
 KEITH W. HAGAN, M.D., Clinical Instructor in Urology
 ROBERT A. SEWELL, M.D., Clinical Instructor in Urology
 J. DOUGLAS TRAPP, M.D., Clinical Instructor in Urology

✦ THE Section of Surgical Sciences is composed of the departments of: Surgery, Dentistry, Neurosurgery, Oral Surgery, Otolaryngology, Pediatric Surgery, Plastic Surgery, Thoracic and Cardiac Surgery, and Urology.

These departments contribute to the interdepartmental course in methods in clinical science. Third-year students participate in a clinical clerkship in which they are assigned to the surgical divisions of Vanderbilt Hospital. Third-year surgical clerks also participate in a series of clinical case presentations. Fourth-year students are assigned to a rotation in the surgical outpatient department of Vanderbilt Hospital.

Electives offered to students at various levels include such courses as: sex counseling, human sexuality, and management of vascular surgical problems. Surgical clerkships are offered to fourth-year students as electives at affiliated hospitals.

Other elective clerkships available to fourth-year students include: neurological surgery, cardiovascular surgery, urology, pediatric surgery, clinical oncology, plastic surgery, renal transplantation, and oral surgery. A laboratory research elective and a urology clinic seminar are also available to fourth-year students.

Required Courses

501. Methods in Clinical Science. An interdepartmental course designed to acquaint the student with the techniques, methods, and basic principles necessary to take careful histories, perform thorough

physical examinations, and to understand and utilize basic laboratory procedures employed in clinical medicine. Students are divided into small tutorial groups for intensive work with patients on the wards at Van-

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derbilt University Hospital, the Veterans Administration Hospital, and Nashville General Hospital. Similar tutorial groups are utilized in the laboratory where students learn methods for examining urine, blood, sputum, gastric contents, feces, and body fluids. An introduction to neurologic diagnostic methods is included in the course. Additional training is given in special problems which relate to examination of pediatric, surgical, and obstetrical patients. Radiological techniques are correlated with instructional sessions. Correlative sessions are interspersed with the above. In these sessions, methods by which the history, physical examination, and laboratory aids can be used to arrive at diagnosis and decisions regarding further study and treatment are conducted by interdepartmental groups. *Dr. Liddle, Dr. Pennington, Dr. Minot, and members of the Department of Medicine; Dr. Hartmann and members of the Department of Pathology. Dr. Karzon and members of the Department of Pediatrics; Dr. Foster and members of the Department of Surgery; Dr. Burnett and members of the Department of Obstetrics & Gynecology; members of the departments of Anatomy, Biochemistry, Pharmacology, and Radiology.*

502. Clinical Clerkship. For ten weeks each student in the third-year class is assigned to the surgical divisions of the Vanderbilt University Hospital. Under the direction and supervision of the staff, the student takes histories, does physical examinations and assists the staff in the diagnostic evaluation and clinical management of assigned patients. Half of each student's period of clinical work is in general surgery, including thoracic, cardiovascular and pediatric services. The other five weeks of the clinical assignment provide brief but concentrated rotations to services in neurosurgery, urol-

ogy, ophthalmology, and otolaryngology. These rotations provide exposure to a variety of patients with problems in general surgery and in the special field of surgery. Teaching rounds are held daily by members of the staff. Students go with their patients to the operating rooms where they are observers and assistants to the staff in surgery, the surgical specialties, and anesthesiology. Instruction in anesthesiology is given during operating room assignments by the members of that department. An integral part of this clerkship is the weekly three-hour assignment in operative surgery and anesthesiology conducted in the S.R. Light Laboratory for Surgical Research by the Department of Surgery in collaboration with the Department of Anesthesiology. *Dr. Scott and Staff.*

503. Survey of Surgery. A series of clinical presentations and lectures is given which is designed to present a broad view of the clinical fields of surgery. Illustrative case presentations are made by third-year surgical clerks. These discussions stress the correlation between basic biologic structure and function, pathologic alterations, and clinical manifestations. One hour per week for four academic units. FALL & SPRING. *Dr. Scott and Staff.*

504. Surgical Outpatient Service. Each fourth-year student is assigned in rotation for six weeks to the surgical outpatient department of the Vanderbilt University Hospital. Here they serve as assistants in the outpatient clinics of general surgery and orthopedic surgery, and in the tumor clinic. Various members of the surgical staff are in attendance to instruct the students in their work and discuss with them the diagnosis and treatment of the patients. *Dr. Reynolds, Dr. Adkins, and Arthur Leroy Brooks, Professor of Orthopedics & Rehabilitation.*

Register of Students

1977/78

First-Year Class

HOWARD COBB ALEXANDER, JR. (B.S., Washington & Lee) Montgomery, Ala.
 JAMES BYRON ATKINSON III (B.A., Ph.D.) Nashville, Tenn.

PETER WAYNE BALKIN (B.A., Dartmouth) Weston, Mass.
 STEPHEN KENN BEEMAN (B.S., Mississippi) Quitman, Miss.
 BRUCE ROBERT BEYER (B.A., Vanderbilt) Passaic, N.J.
 EROL MARTIN BEYAS (B.S., Johns Hopkins) Hightstown, N.J.
 MICHAEL ALAN BLOOD (B.A., Illinois Wesleyan) Hoffman Estates, Ill.
 LINDA MAE BOUND (B.A., Rutgers) Iselin, N.J.
 MARGARET MARY BRENNAN (B.A., Williams) Short Hills, N.J.
 ERIC LEIGH BRESSLER (Rice) Knoxville, Tenn.
 RICHARD WILLIAM BRILES (B.A., California, San Diego) San Diego, Calif.
 JOEL RAYMOND BUCHANAN, JR. (B.S., Duke) Oak Ridge, Tenn.
 THOMAS FREDERICK BYRD III (B.S., Tusculum) Westbury, N.Y.

EDWARD RUSSO CARTER (B.A., Princeton) Potomac, Md.
 DANA JOHN CHRISTIANSON (B.A., New Hampshire) Worcester, Mass.
 DANIEL LEE CLEMENS (B.A., Vanderbilt) Nashville, Tenn.
 MARY KAYE CONTI (B.A., Princeton) Oceanside, N.Y.
 NELL STEVEN COSSIN (B.S., Emory) Hollywood, Fla.

ANDREW McLEAN DALE (B.A., Southern Methodist) Columbia, Tenn.
 MICHAEL PETER DIAMOND (B.A., Vassar) Poughkeepsie, N.Y.

WAYNE LaMARNE EASTER (B.S., Stanford) Richmond, Calif.
 CHARLES STODDARD EBY (B.S., Duke) Saint Louis, Mo.
 JAMES MARK EDWARDS (B.H., Johns Hopkins) Slingerlands, N.Y.
 WILLIAM HAWKINS EDWARDS, JR. (B.A., Vanderbilt) Nashville, Tenn.

LINDA JOAN FANNON (B.S., Centenary) Shreveport, La.
 AGNES BORGE FOGO (B.A., Tennessee, Chattanooga) Chattanooga, Tenn.
 LESA DeANNE FRAKER (B.A., Vanderbilt) Clinton, Tenn.
 MARGARET LYNN FRANCE (B.A., Whitman) Brush Prairie, Wash.
 HOWARD ADAM FUCHS (B.S., Colorado School of Mines) Eaton, Colo.

WALTER BRIAN GIBLER (B.S., Brown) Louisville, Ky.
 MARK EDWARD GILLESPIE (B.A., Vanderbilt) Libertyville, Ill.
 JAMES ROBERT GLASSNER (B.A., Wisconsin, Madison) Milwaukee, Wis.
 STUART HARRISON GOLD (B.A., Vanderbilt) Savannah, Ga.
 JAMES FOSTER GRAUMLICH (B.A., Duke) Miami, Fla.
 DANIEL MOGENSEN GREEN (B.A., Brown) Northbrook, Ill.
 WILLIAM JULIAN GREGORY (B.A., Vanderbilt) Dalton, Ga.
 MARTA LEONA GWINN (B.A., Louisville) Louisville, Ky.

BLAINE LAWRENCE HART (B.A., Utah State) Logan, Utah
 BARBARA JOYCE HARTKOP (Nevada) Reno, Nev.
 MARK EDWARD HEINSOHN (B.A., Tulane) Winter Park, Fla.
 MARTHA SUE HEMPFING (B.S., Texas Christian) Indianapolis, Ind.
 BILLY STEPHEN HOLLIS (B.A., Tennessee) Mount Juliet, Tenn.
 CARL MICHAEL HOLLMAN (B.A., Tennessee) Loretto, Tenn.
 DANIEL PAYSON HUNT (B.S., Frostburg State) Cumberland, Md.

DON
 PETE
 PETE
 LEE V

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 ROBE
 FRED

PETE
 CHRIS

WILLI
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 FRAN
 LORA
 CRAIG
 FRAN

MARY

PATRI
 PAUL
 STEVE

JAMES
 MARK
 ELLEN
 DAVID
 SUSAN
 WAYN
 EDWA
 ROBER
 RAYM

VALEF
 ROBER
 MICHA
 ALAN
 ERIC K

RANDY
 LAWRE
 LEWIS
 LYNN
 SUSAN
 WILLIA
 KEVIN
 PAUL
 ALBER
 KEITH
 MARGA
 THOM

PATRIC
 ANN D

- DONALD MELVIN JACOBSON (B.A., M.A., Northwestern) Cicero, Ill.
PETER CHARLES JACOBSON (B.A., Williams) Nashville, Tenn.
PETER EDWARD JENSEN (B.S., Georgia) Athens, Ga.
LEE WORKMAN JORDAN (B.A., Vanderbilt) Franklin, Tenn.
- MICHAEL KENNETH KAPLON (B.A., University of the South) Lenoir City, Tenn.
KATHLEEN ANN KELVIE (B.S., Stanford) Hillsborough, Calif.
ROBERT SCOTT KRAMER (B.S., State University of New York) New Hyde Park, N.Y.
FREDERICK JOSEPH KRETZSCHMAR (B.S., Duke) Baltimore, Md.
- PETER BRECKENRIDGE LAMBERT (B.A., Vanderbilt) Brookline, Mass.
CHRISTOPHER D. LIND (B.A., Pomona) Boulder, Colo.
- WILLIAM FRANCIS MARSHALL, JR. (B.S., M.S., Stanford) Santa Ana, Calif.
THEO LASSAR MEYER III (B.S., Emory) Montgomery, Ala.
FRANKLIN BRADFORD MEYERS (B.A., Vanderbilt) East Alton, Ill.
LORAN PASCHAL MOORE III (B.S., Vanderbilt) Owensboro, Ky.
CRAIG MICHAEL MORGAN (B.S., Southeast Missouri State) Cape Girardeau, Mo.
FRANK JAMES MURABITO (B.A., Johns Hopkins) Harrison, N.Y.
- MARY DEKKER NETTLEMAN (B.S., Ohio) Coldwater, Miss.
- PATRICK JOHN OFFNER (B.S., Vanderbilt) Radcliff, Ky.
PAUL ALAN OLSON (B.S., Illinois, Urbana) Champaign, Ill.
STEVEN FRANK O'SHEAL (B.A., Vanderbilt) Columbia, S.C.
- JAMES OWEN PALMER (B.A., Vanderbilt) Portland, Tenn.
MARK KEVIN PARSONS (B.A., University of the South) Nashville, Tenn.
ELLEN WHITE PAYNE (B.A., Vanderbilt) Hopkinsville, Ky.
DAVID MICHAEL PEARSE (B.S., Notre Dame), Clarksville, Tenn.
SUSAN LYNN PFLEGER (B.A., Macalester) Milwaukee, Wis.
WAYNE LYLE POLL (B.A., Duke) Syosset, N.Y.
EDWARD STEPHEN PRATT (B.A., Colorado) Palisade, Colo.
ROBERT GRAY PRESSON, JR. (B.A., Vanderbilt) Birmingham, Ala.
RAYMOND HOWARD PURDY (B.S., Missouri) Columbia, Mo.
- VALERIE JEAN RAPPAPORT (B.S., Stanford) Santa Ana, Calif.
ROBERT ALLEN ROGERS (B.S., Carnegie-Mellon) Pittsburgh, Pa.
MICHAEL BAYLOR RONEMUS (B.S., Colorado) Boulder, Colo.
ALAN STUART ROUTMAN (B.A., Washington University) Birmingham, Ala.
ERIC KEITH ROWINSKY (B.A., New York) Brooklyn, N.Y.
- RANDY CRAIG SALIARES (B.A., Illinois Wesleyan) Macomb, Ill.
LAWRENCE L. SANDERS, JR. (B.S., Clemson) Ware Shoals, S.C.
LEWIS KARL SCHRAGER (B.A., Johns Hopkins) Westfield, N.J.
LYNN ELIZABETH SHALLBERG (B.A., Vanderbilt) East Calais, Vt.
SUSAN CALHOUN SIMONTON (B.A., Vanderbilt) Portland, Tenn.
WILLIAM CARMINE SIPPO (B.S., St. Peters) Union City, N.J.
KEVIN STEWART SMITH (B.S., Tusculum) Greeneville, Tenn.
PAUL HEERMANS SMITH, JR. (B.A., Vanderbilt) San Antonio, Tex.
ALBERT THOM SPAW (B.S., Arizona State) Phoenix, Ariz.
KEITH WALTER STAMPER (B.S., California Polytechnic) Santa Maria, Calif.
MARGARET MARY STOLZ (B.S., St. Johns) Hicksville, N.Y.
THOMAS JOSEPH SULLIVAN (B.A., Vanderbilt) Hempstead N.Y.
- PATRICIA ANN TEPPER (B.A., Michigan) Chattanooga, Tenn.
ANN DENISE THOR (B.S., California) Orinda, Calif.

JOSEPH COLEMAN THOMPSON, JR. (B.S., Alabama, Birmingham) Birmingham, Ala.
 JOSEPH ALLAN TUCKER, JR. (B.S., Georgia) Decatur, Ga.

MARILYNN WHITNEY (B.A., Smith) Batavia, Ill.
 ROBERT THEODORE WILDER (B.S., Stanford) Colton, Calif.
 KENNETH RONALD WINTER (B.S., Brandeis) Syosset, N.Y.
 GLENN STEWART WOLFSON (B.A., Rutgers) Highland Park, N.J.
 GEORGE DEWEY WRIGHT III (B.A., Vanderbilt) Dalton, Ga.

MARY IDYLE YARBROUGH (B.S., Vanderbilt) Toone, Tenn.

Second-Year Class

RICHARD T. ADAMSON (B.S., Alabama) Huntsville, Ala.

MARTIN E. BACON (B.S., U.S. Naval Academy) Jacksonville, Fla.
 JOHN C. BALDINGER (B.A., Emory) Bethesda, Md.
 STANLEY L. BARNWELL (B.A., Emory) Jacksonville, Fla.
 ROBERT L. BARRACK (B.A., Tennessee, Knoxville) Anderson, Tenn.
 ADAM SCOTT BENNION (B.S., U. of Utah; D.D.S., U. of the Pacific) Nashville, Tenn.
 ANTHONY N. BRANNAN (B.A., Vanderbilt) Tampa, Fla.
 DONNA L. BRATTON (B.S., Emory) West Palm Beach, Fla.
 MARK A. BRIEL (B.A., Wabash College) Evansville, Ind.
 DEBORAH L. BRYANT (B.A., Wellesley) Sioux Falls, S.D.
 DELAND D. BURKS (B.S., Vanderbilt) Guntersville, Ala.
 DAVID J. BYLUND (B.A., Hamilton College) Bernus Point, N.Y.

DAVID JOHN CLYMER (B.A., Kansas) Salina, Kansas
 JEFFREY P. COOPER (B.S., Duke) Short Hills, N.J.

SUSAN E. DAY (B.A., Wellesley) Lebanon, N.J.
 CHARLES V. DIRAIMONDO (B.S., Stanford) Orinda, Calif.
 STEVEN H. DOWLEN (B.S., Tennessee, Chattanooga) Chattanooga, Tenn.
 RAYMOND G. DUFRESNE, JR. (B.S., Providence) North Providence, R.I.

THEODORE E. EASTBURN III (B.S., Southwestern at Memphis) Memphis, Tenn.
 KATHERINE C. EDWARDS (B.A., Randolph-Macon Woman's) Farnham, Va.
 LEE W. ERLENDSON (B.A., California, San Diego) Long Beach, Calif.

CONARD F. FAILINGER III (B.A., Johns Hopkins) Towson, Md.
 CHARLES P. FITZGERALD (B.S., Vanderbilt) Frankfort, Ky.
 JEFFREY CARL FOSNES (B.A., Vanderbilt) Lakewood, Colo.
 ANDREW J. FRIEDMAN (B.A., Amherst) New York, N.Y.

LAWRENCE E. GAGE (B.A., North Carolina, Chapel Hill) Wilmington, N.C.
 GARY A. GOFORTH (B.A., Vanderbilt) Johnson City, Tenn.
 MARK A. GREENBERG (B.A., Vanderbilt) Buffalo Grove, Ill.

STEVEN R. HANOR (B.A., Vanderbilt) Cincinnati, Ohio
 LEO M. HATTRUP (B.S., Wichita State U.) Wichita, Kansas
 LINDA L. HAWKINS (B.S., Michigan, Ann Arbor; Ph.D., Temple) Nashville, Tenn.
 JAMES T. HAYS (B.A., Knox) West Frankfort, Ill.
 DEAN A. HEALY (B.A., Whittier) Long Beach, Calif.
 LAUREL ROSE HOFFMAN (B.A., Whittier) Whittier, Calif.

- JAMES E. HOLLORAN (B.A., Tennessee, Knoxville) Nashville, Tenn.
HALDEN W. HOOPER, JR. (B.S., Dartmouth) Gallatin, Tenn.
WALTER WINN HORD (B.S., Duke) Fort Lauderdale, Fla.
CHARLES E. HORNADAY, JR. (B.A., Vanderbilt) Owensboro, Ky.
CHARLES STEPHEN HOUSTON (B.A., Vanderbilt) Knoxville, Tenn.
CHARLES THOMAS HUMPHRIES (B.A., North Carolina, Chapel Hill) Durham, N.C.
- KARLA MARIE JANSES (B.A., Wisconsin, Milwaukee) West Bend, Wis.
THOMAS KEITH JONES (B.A., Emory) Dothan, Ala.
JAMES ASHMORE JOHNS (B.S., Yale) Baltimore, Md.
JAMES EDWARD JOHNSON (B.A., Vanderbilt) Enterprise, Ala.
MARC ANDREW JUDSON (B.S., Stanford) New York, N.Y.
PAUL ANDREW JUSTICE, JR. (B.S., Vanderbilt) Nashville, Tenn.
- AUDREY JEAN KLINE (B.S., Michigan, Ann Arbor) Dearborn, Mich.
ROBERT C. KUYKENDALL (B.S., Vanderbilt) Hot Springs, Ark.
- DEBORAH J. LIGHTNER (B.A., State University of New York, Buffalo) Amherst, N.Y.
JOHN EDWARD LINN (B.S., Vanderbilt) Chicago, Ill.
JOHN G. LONG (B.A., Macalester) Iaeger, W.Va.
- RICHARD LOUIS MAAS (B.A., Dartmouth) Severna Park, Md.
REX MONROE McCALLUM (B.A., Rice) Henderson, Tenn.
GEORGE L. MILLER III (B.A., Vanderbilt) Germantown, Tenn.
MARK ROGER MITCHELL (B.S., Brigham Young) Vista, Calif.
EDWARD L. MORGAN (B.S., Notre Dame) Shreveport, La.
JEFFREY SCOTT MORGAN (B.A., Vanderbilt) Lake Forest, Ill.
- GARY STEPHEN NACE (B.A., Emory) Pompano Beach, Fla.
LEE SCOTT NEWMAN (B.A., Amherst; M.S., Cornell University) Westfield, N.J.
MARK BRYAN NORMAN (B.A., Santa Clara) Santa Clara, Calif.
- JAMES RANDALL PATRINELY (B.S., Florida) Jacksonville, Fla.
RALPH DAVISON PEELER III (B.A., Harvard) Memphis, Tenn.
CHARLES WRIGHT PINSON (M.B.A., Colorado) Boulder, Colo.
CECILY JOAN POREE (B.A., Vassar) New Orleans, La.
- JACQUELINE LEE RODIER (B.A., Cornell University) Oceanside, N.Y.
CAROL ROGERS (B.S., A.B., Stanford) Santa Cruz, Calif.
DAVID BRUCE ROSS (B.A., Johns Hopkins) Saint Louis, Mo.
- CLIVE H. SELL (B.A., Amherst) Nashville, Tenn.
GREGORY WILLIAM SHIELDS (B.A., University of Washington) Seattle, Wash.
JANA LEIGH SULZER (B.S., Washington University) Tampa, Fla.
LORNA C. SZCZUKOWSKI (B.S., Vanderbilt) Chattanooga, Tenn.
- ROBERT TAUXE (B.A., Yale) Homewood, Ala.
JOHN EDWARD TERWILLEGGER (B.S., Florida) Sanford, Fla.
RON HAYNOND TILFORD (B.A., Vanderbilt) Fulton, Ky.
CURTIS GREEN TRIBBLE (B.S., Presbyterian) Columbia, S.C.
- CATHERINE VAN ANTWERPEN (B.S., Purdue) Milwaukee, Wisc.
- JOHN MARCUS WHARTON (B.A., North Carolina, Chapel Hill) Mobile, Ala.
DARRELL PETER WILLIAMS (B.A., Wisconsin, Milwaukee) Mequon, Wisc.
RONALD EUGENE WILSON (B.A., Princeton) New City, N.Y.

MARK R. WINTERS (B.S., Pittsburgh) Pittsburgh, Pa.
 ROBERT HAROLD WISE, Jr. (B.S., Samford) Dothan, Ala.
 JOHN LELAND WOLFORD, JR. (B.A., Vanderbilt) Louisville, Ky.

Third-Year Class

BRIAN LEE ANDERSEN (B.S., Tulane) Hialeah, Fla.
 JEAN RENE ANDERSON (B.A., David Lipscomb) Nashville, Tenn.
 LOWELL BRIAN ANTHONY (B.S., King) Cleveland, Tenn.

ROBIN ALLEN BAKER (M.S., Georgia Institute of Technology) Winter Haven, Fla.
 BYRON DAVID BALDRIDGE (B.A., Carleton) Tallahassee, Fla.
 DORSEY MACHIR BASS, JR. (B.A., Missouri) Columbia, Mo.
 RICHARD OCIE BESSANT (B.A., Vanderbilt) Jacksonville, Fla.
 STEPHEN HUNTER BILLS (B.S., Southwestern at Memphis) Tullahoma, Tenn.
 JOHN MICHAEL BOLDS (B.S., Harvard) Florence, Ala.
 PHILLIP LAWRENCE BRESSMAN (B.S., Oklahoma) Lawton, Okla.
 JOHN FREDERICK BRUNDAGE (B.S., U.S. Military Academy) Hialeah, Fla.
 JAMES DAVID BRYANT Nashville, Tenn.
 SUSAN HALPERIN BRYANT (B.A., Oberlin) Nashville, Tenn.

DEBRA GAY CARLTON (B.S., Massachusetts Institute of Technology) Troy, Mich.
 SUSAN OLEVIA CASSIDY (B.S., Maryland) Endicott, N.Y.
 JAMES ROBERT CATO (B.A., Vanderbilt) Macon, Ga.
 ROBERT LEWIS CHESSE (B.A., Vanderbilt) New Concord, Ohio
 LAURA DRURY CONNOR (B.S., Vanderbilt) Franklin, Tenn.
 WILLIAM JONES CRUMP, JR. (B.S., Georgia) Savannah, Ga.
 MARIO PAUL CURZI (B.S., California [Berkeley]) Concord, Calif.

LINDA ANN DANIEU (B.S., Canisius) West Seneca, N.Y.
 RICHARD JOSEPH DANNENBERG (Ph.D., Vanderbilt) Milwaukee, Wis.
 NEIL LEON DARBY (B.S., Georgia Institute of Technology) Marietta, Ga.
 JAMES PHILLIP DAVIS, JR. (B.A., Vanderbilt) Nashville, Tenn.
 SUZANNE DOWDY (B.A., Vassar) Oklahoma City, Okla.
 MARY CATHERINE DUNDON (B.S., William & Mary) Bloomington, Ind.

WILLIAM CRAIG EASON (B.S., Morehouse) Savannah, Ga.

BONNIE SUE FRIEHLING (B.S., State University of New York, Albany) Liberty, N.Y.
 WILLIAM ALEXANDER FULTON (B.S., Alabama) Birmingham, Ala.
 WILLIAM KEITH FUNKHOUSER, JR. (B.A., Vanderbilt) Oak Ridge, Tenn.

MARTIN ANTHONY GARCIA (B.A., Vanderbilt) Tallahassee, Fla.
 HARVEY EDWARD GARRETT, JR. (B.A., Emory) Memphis, Tenn.
 NEAL HILLARD GOLDBERG (B.S., Haverford) Laverock, Pa.
 MITCHELL JERED GRAYSON (B.S., Johns Hopkins) Bellmore, N.Y.

DENISE KAY VAN HORN-HAIGLER (B.A., Ohio State) Canton, Ohio
 ROBERT WADE HARGRAVES (B.A., Emory) Knoxville, Tenn.
 RICHARD LEONHARDT HEATON, JR. (B.S., Armstrong State College) Savannah, Ga.
 BOBBY JOE HENSON (B.A., Mississippi) Winchester, Tenn.
 RICHARD MAJOR HILBORN (B.S., Centenary) Shreveport, La.
 JACK MEYER HOFFNUNG (B.A., State University of New York, Buffalo) Buffalo, N.Y.
 DAVID RANDAL FREELAND HUNDLEY (B.A., Hendrix) Star City, Ark.

- CHRISTOPHER GEORGE JACKSON (Sr. in absentia, Brigham Young) Hinsdale, Ill.
JOHN CRAIG JACKSON (B.A., Duke) Nashville, Tenn.
WILLIAM THOMAS JOHANSON (B.S., Princeton) Nesconset, N.Y.
JAMES BUCKNER JONES, JR. (B.S., Duke) Brentwood, Mo.
ROYCE ETIENNE JOYNER (B.A., North Carolina) LaGrange, N.C.
- RONALD JAY KANTER (M.S., Northwestern) North Miami, Fla.
JAMES MICHAEL KLEINERT (Sr. in absentia, Louisville) Louisville, Ky.
CHARLES DANIEL KNIGHT, JR. (B.A., Vanderbilt) Shreveport, La.
BARBARA ANN KONKLE (B.A., Northwestern) North Vernon, Ind.
VATHSALA KRISHNAMURTHY (B.S., Auburn) Nashville, Tenn.
- JOEL ARDELL LEES (B.A., California, Santa Barbara) San Diego, Calif.
KATHLEEN FOLEY LEES (B.A., Johns Hopkins) Cincinnati, Ohio
- ELIZABETH ANN DUKE McADOO (B.S., Middle Tennessee State) Fort Pierce, Fla.
JOHN SCOTT MILLIKAN (B.S., California, Irvine) La Mirada, Calif.
ROBERT CORNELIUS MURPHY, JR. (B.S., Vanderbilt) Nashville, Tenn.
JOHN J. MURRAY (A.B., Harvard) Dorchester, Mass.
- GARY STEVEN NICOLAISEN (B.S., California, Davis) San Rafael, Calif.
SUSAN NIERMEYER (B.S., Butler) Indianapolis, Ind.
KEITH BRADLEY NOLOP (B.S., South Dakota) Mobridge, S.D.
- THOMAS OPERCHAL (B.S., Case Western Reserve) New Brighton, Pa.
- JOHN ROBERT PALMER (B.S., Purdue) Indianapolis, Ind.
JANICE ROSS PHARR (B.S., Southern University) Gibson, La.
JEFFREY POSNICK (B.A., Univ. of Minnesota; D.D.S., Harvard) Minneapolis, Minn.
CARY WATSON PULLIAM (B.A., Vanderbilt) Columbia, Tenn.
- KRISTEN BETSY RAINES (B.S., Bowdoin) Pittsford, N.Y.
ALBERT AUGUSTUS RAMAGE III (B.S., Clemson) Kinards, S.C.
PETER CAREY RAWLINGS (B.A., North Carolina) Lookout Mountain, Tenn.
THOMAS ARTHUR RICHEY (B.S., Alabama) Russellville, Ala.
THOMAS WINGATE RIGSBY, SR. (B.A., Vanderbilt) Nashville, Tenn.
RANDY DALE ROBERTS (B.S., Alabama) Hartselle, Ala.
THOMAS IRA ROSENFELD (B.S., Florida) Clanton, Ala.
- SAMUEL ANDREW SANTORO, JR. (B.S., Emory) West Palm Beach, Fla.
LARRY MARVIN SARIPKIN (B.A., Vanderbilt) Memphis, Tenn.
WILLIAM EDWARD SERAFIN (B.S., Middle Tennessee State) Murfreesboro, Tenn.
BRUCE EDWARD SHANNON (B.A., Johns Hopkins) Casper, Wyo.
SARA JANE SHUMWAY (B.S., Stanford) Palo Alto, Calif.
PRESTON RIORDAN SIMPSON (B.S., Washington & Lee) Cincinnati, Ohio
MICHAEL JOSEPH SINEWAY (B.S., Georgia Institute of Technology) Atlanta, Ga.
THOMAS JEFFERSON STOKES, JR. (M.S., University of Miami) Miami, Fla.
- JACK DAVID THOMPSON (B.S., Auburn) Wetumpka, Ala.
THOMAS EUGENE TOMPKINS (B.S., Vanderbilt) Burdette, Ark.
KIM LOU TRETHERWEY (B.A., Northwestern) Kansas City, Mo.
- ANTHONY PHILLIP URBANEK (B.S., John Carroll; M.S., D.D.S., Indiana) Cleveland, Ohio
- WOODFORD SPEARS VAN METER (B.S., Davidson) Paris, Ky.

- KENNETH RAYE WASHINGTON (B.S., Marshall) Charleston, W.Va.
 PATRICIA ANN WOODALL (B.S., Birmingham-Southern) Birmingham, Ala.
 JAMES WILLIAM YOUNG (B.S., Duke) Birmingham, Ala.

Fourth-Year Class

- SUSAN TOY ANDREWS (B.S., Duke) Nashville, Tenn.
- ANDREW DENNIS BAILEY (B.S., Davidson) Oxon Hill, Md.
 CURTIS LANDRY BAYSINGER (B.E., Vanderbilt) Baltimore, Md.
 CHRISTOPHER JAMES BEGLEY (B.S., Fordham) New York, N.Y.
 DANIEL HAYDEN BELCHER (B.S., B.A., Hawaii) Hilo, Hawaii
 IAN McRAE BIRKETT (B.A., Pomona) San Diego, Calif.
 SUSAN ALLEYNE BRITTINGHAM (B.S., Stanford) Nashville, Tenn.
 BRENDA MARGARET BROWN (B.S.N., Vanderbilt) Orlando, Fla.
 MICHAEL EDWIN BROWN (B.A., Washington) Cincinnati, Ohio
 WILLIAM NEEL BURNS (B.A., Earlham) Tulsa, Okla.
- DAVID LEE CALHOUN (B.S., Baylor) Nitro, W.Va.
 DAVID NEAL CARNAHAN (B.A., David Lipscomb) Nashville, Tenn.
 JEFFREY BRADBURY CARTER (B.S., Tufts; D.D.S., Connecticut) Shelton, Conn.
 JOHN THURMAN COBB (B.S., Emory) Brunswick, Ga.
 ROBERT CHARLES COHN (B.A., State University of New York, Buffalo) Lawrence, N.Y.
 ROBERT DEAVER COLLINS, JR. (B.A., Amherst) Nashville, Tenn.
 JAMES RICHARD COOLEY (B.A., Hendrix) Arkadelphia, Ark.
 PHILIP LYNN CUSTER (B.S., Vanderbilt) Nashville, Tenn.
- DARLENE DAILEY (B.A., Ohio State) Alliance, Ohio
- TAYLOR GARD FLETCHER (B.S., Florida) Quincy, Fla.
 F. GERARD FLORO (B.A., Southern California) Whittier, Calif.
 THOMAS MICHAEL FOY (B.A., Missouri) Normandy, Mo.
- JOHN A. R. GRIMALDI, JR. (B.A., Vanderbilt) Tampa, Fla.
- RONALD WAYNE HAMNER (B.S., Trinity) Shelby, N.C.
 SANDRA ELIZABETH HASSINK (B.S., Delaware) Glen Mills, Pa.
 DOUGLAS CORBETT HEIMBURGER (B.S., Harding) Indianapolis, Ind.
 CHARLES BOMAR HERRIN (B.S., East Tennessee) Johnson City, Tenn.
 GARY HALL HOFFMAN (B.S., California, Irvine) Beverly Hills, Calif.
 CHARLES BURFORD HUDDLESTON (B.A., Missouri) Sedalia, Missouri
 WILLIAM JACKSON HUDDLESTON (B.A., Vanderbilt) Hattiesburg, Miss.
 STINSON EDWARD HUMPHREY (D.D.S., University of Pacific) Mill Valley, Calif.
 PATRICK TEASLIE HUNTER II (B.A., Vanderbilt) Lake City, Fla.
- LILLIAN CORDTS ISREAL (B.A., Southwestern at Memphis) Clarksville, Tenn.
- DONNA JEAN JACOBI (B.S., Alabama) Pensacola, Fla.
 CARL FRANK JENSEN (B.S., Vanderbilt) Ponca City, Okla.
 CARL MCGREGOR JOHNSON (B.A., Tennessee) Jackson, Tenn.
 ROBERT JOSEPH JOHNSON (B.A., Rutgers) Toms River, N.J.
 BLUETT EMERY JONES (D.D.S., Meharry) Los Angeles, Calif.
 JANIS ADELAIDE JONES (B.S., Smith) Riviera Beach, Fla.

- JOHN RICHARD JONES (B.S., Mercer) Cleveland, Ohio
 KENNETH BRUCE JONES (B.S., Kentucky) Adolphus, Ky.
 PHILLIP RITCHIE JONES (B.E., Vanderbilt) Nashville, Tenn.
 STEPHEN LAMAR JONES (B.A., Vanderbilt) Arlington, Va.
 THOMAS ALLAN KEITH (B.S., Lawrence) Joliet, Ill.
 KATHERINE JANE KIRKEMINDE (B.A., Vanderbilt) Crossville, Tenn.
 RUSSELL BRYANT LEFTWICH (B.S., Arizona State) Tucson, Ariz.
 RODGER ALAN LIDDLE (B.S., Utah) Nashville, Tenn.
 MICHAEL LYNN MAGGART (B.S., Tennessee) Carthage, Tenn.
 MICHAEL ALAN MALPASS (B.A., Wake Forest) Jacksonville, Fla.
 ROY DOUGLASS MARKHAM (B.A., Vanderbilt) Tiptonville, Tenn.
 RICHARD DOUGLAS MOORE (B.A., Arkansas) Aurora, Mo.
 RAMONA WALSH MRAK (B.S., B.A. California, Davis) San Andreas, Calif.
 THOMAS WILLIAM NYGAARD (B.S., Vanderbilt) Warner Robins, Ga.
 DOUGLAS WAYNE ORR (B.A., Vanderbilt) Dunwoody, Ga.
 EDSON OLIVER PARKER III (B.S., Auburn) Ontario, Calif.
 PAMELA JOAN GILSTAD PARKER (B.A., Vanderbilt) Nashville, Tenn.
 ROBERT BRANNON PARKER (B.A., Vanderbilt) Jasper, Ind.
 NEIL HAMILTON PARNES (B.A., Vanderbilt) Princeton, N.J.
 STEVEN FRANCIS PODGORSKI (B.S., Notre Dame) Germantown, Tenn.
 ANN HUTCHESON PRICE (B.A., Vanderbilt) Nashville, Tenn.
 MICHAEL EDWARD RICHARDS (B.S., San Diego) San Diego, Calif.
 DAN SUMNER SANDERS III (B.S., Kentucky) Nashville, Tenn.
 JAMES MARSHALL SATT (B.A., California, Berkeley) Los Angeles, Calif.
 TIMOTHY PORTER SCHOETTLE (B.A., Vanderbilt) West Memphis, Ark.
 LAWRENCE GRADY SCHULL, JR. (B.A., Virginia) Nashville, Tenn.
 ROBERT WALLACE SCOTT (B.A., Vanderbilt) Cleveland, Ohio
 SALLY ELIZABETH SELF (B.A., Vanderbilt) Greenwood, S.C.
 IRA ALAN SHIVITZ (B.A., State University of New York, Buffalo) Fort Lee, N.J.
 ARTHUR CARMINE SIPPO (B.S., St. Peter's) Union City, N.J.
 DEBORAH SMITH (B.A., Mississippi) Brownsville, Tenn.
 WILLIAM JOSEPH SPANN, JR. (B.S., Jacksonville) Jacksonville, Fla.
 THOMAS CRAIG SPILKER (Louisiana State) Shreveport, La.
 GARY BENNETT STRONG (B.A., Texas) Dallas, Texas
 WILLIAM WADE SUTTON (B.A., North Carolina, Chapel Hill) Nashville, Tenn.
 JOHN R. TRAUTMAN (B.A., Washington) Nine Mile Falls, Wash.
 WILLIAM VERNON WHITAKER (B.S., Alabama, Birmingham) Birmingham, Ala.
 HENRY LYTLE WILSON, JR. (B.A., Vanderbilt) Tullahoma, Tenn.
 BARRY EDWARD WIND (B.S., Stanford) Nashville, Tenn.
 MICHAEL SAMUEL WOLFE (B.A., Arkansas) England, Ark.
 CHARLES LEROY WOODROW (B.A., Austin) Sherman, Texas
 MARY ELLA ZELENIK (B.A., Colorado) Nashville, Tenn.
 PETER KEVIN ZIRKLE (B.A., Duke) Knoxville, Tenn.

Joint M.D./Ph.D. Program

GARY ELLIS CARNAHAN (B.A., David Lipscomb) Nashville, Tennessee
 DANIEL LEE CLEMENS (B.A., Vanderbilt) Nashville, Tennessee
 MICHAEL EDWARD FANT (B.S., Massachusetts Institute of Technology) Memphis, Tennessee
 WILLIAM ANDREW LUTIN (B.S., Princeton) Nashville, Tennessee
 JOHN J. MURRAY (A.B., Harvard) Dorchester, Massachusetts
 SAMUEL ANDREW SANTORO (B.S., Emory) West Palm Beach, Florida
 ANTHONY PHILLIP URBANEK (B.S., John Carroll; D.D.S., M.S., Indiana) Cleveland, Ohio

Fellows

Anatomy

Jeanette J. Norden, Ph.D.
 Anthony P. Urbaneck, D.D.S.

Daniel F. Wunk, Ph.D.
 John T. Schmidt, Ph.D.

Medicine

James Thomas John, M.D.
 Roderick K. Roberts, M.D.
 Yukio Hirata, M.D.
 Robert L. Lownes, M.D.
 Stots B. Reelee, M.D.
 Alastair J. J. Wood, M.B.Ch.B.
 Jeffrey D. Lazar, M.D.
 John G. Garber, M.D.
 James E. Crook, M.D.
 Steven T. Ticaric, M.D.
 Richard Steckley, M.D.
 Robert W. Pederson, M.D.
 Philip A. Routledge, M.B.,B.S.
 Jean Pierre Villeneuve, M.D.
 Zachary T. Bloomgarden, M.D.
 Robert B. Boswell, M.D.

Larry W. McNeil, M.D.
 Jack D. Wahlen, M.D.
 Craig R. Sussman, M.D.
 Frank Svec, M.D.
 Warren A. Hiatt, Jr. M.D.
 Allen W. Justin, M.D.
 Michel E. Kuzur, M.D.
 Mark J. Koury, M.D.
 Edmond F. Tipton, M.D.
 James A. Knost, M.D.
 Ronald L. Fletcher, M.D.
 Mehemet F. Fer, M.D.
 Donald W. Morford, M.D.
 Stuart J. Padove, M.D.
 Roger W. Marcus, M.D.
 Clark R. Gregg, M.D.

Pathology

Michael B. Bottomy, M.D.

Richard L. Johnson, M.D.

Pediatrics

Robert S. Green, M.D.
 Gerald L. Helinek, Jr. M.D.
 Jose Roberto Moran, M.D.
 David M. Moroney, Ph.D.

Rodney A. Lorenz, M.D.
 Susan J. McLean, M.D.
 Jorge Rojas, M.D.
 Doena van der Vorm, M.D.

Pharmacology

Stots B. Reelee, M.D.
 James E. Crook, M.D., Ph.D.

Jean-Pierre Villeneuve, M.D.
 Jeffrey D. Lazar, M.D.

Psychiatry

Mohamed Aly Rahheb, M.B.,Ch.B.

Radiology

Harish S. Jhaveri, M.D.
 John Rusu, M.D.

Stephen P. Laufgraben, M.D.

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 DOUG
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 TERES
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 JAMES
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 JAMES
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Class of 1977

Internships

SALIM SALIM AKRABAWI Vanderbilt University Hospital (Medicine)	Nashville, Tenn.
REX ELBERT HENDRIX ARENDALL II Vanderbilt University Hospital (Surgery)	Nashville, Tenn.
EDWARD STANLEY ARNOLD Vanderbilt University Hospital (Psychiatry)	Clinton, Tenn.
DEBRA MILLICENT ATKINSON University of Connecticut Affiliated Hospitals, Farmington (Pediatrics)	Scottsdale, Ariz.
IVERSON CHARLES BELL, JR. University of Illinois Affiliated Hospitals, Chicago (Psychiatry)	Terre Haute, Ind.
HANS-GEORG OTTO BOCK Baylor College of Medicine Affiliated Hospitals, Houston, Texas (Pediatrics)	Brentwood, Tenn.
SAMUEL ALAN BRODY Vanderbilt University Hospital (Medicine)	Elmont, N.Y.
JOSEPH MILTON BRODGON, JR. Eugene Talmadge Medical College, Augusta, Georgia (Flexible)	Uvalda, Ga.
RONALD WAYNE BRONITSKY Vanderbilt University Hospital (Medicine)	Albuquerque, N.Mex.
DAVID LESLIE BUCH University of California, San Diego (Medicine)	Brooklyn, N.Y.
BENJAMIN FRANKLIN BYRD III Vanderbilt University Hospital (Medicine)	Nashville, Tenn.
HENRY FORREST CHAMBERS III University of California Affiliated Hospitals, San Francisco (Medicine)	Campbellsville, Ky.
JOSEPH FRANKLIN CHANCE University of Virginia Affiliated Hospitals, Charlottesville (Medicine)	Athens, Tenn.
DOUGLAS ALLEN CLARK Vanderbilt University Hospital (Medicine)	London, Tenn.
TERESA ELAINE CLARK Vanderbilt University Hospital (Medicine)	Atlanta, Ga.
JAMES STEVEN DOLGIN University of California Affiliated Hospitals, Los Angeles (Obstetrics & Gynecology)	New York, N.Y.
ROBERT LEONARD DUBUISSON Vanderbilt University Hospital (Radiology)	Nashville, Tenn.
BUNYAN STEPHENS DUDLEY III University of Alabama Medical Center, Birmingham (Surgery)	Nashville, Tenn.
JERALD STEVEN DUDNEY M. H. Cone Memorial Hospital, Greensboro, N.C. (Medicine)	Arlington, Va.
ANDREW SEELEY EDGAR Vanderbilt University Hospital (Anesthesiology)	Nashville, Tenn.
JAMES WALTON FELCH Vanderbilt University Hospital (Medicine/Pediatrics)	Nashville, Tenn.
TED EUGENE GARRETT Washington University (Barnes), Saint Louis, Mo. (Surgery)	Saint Louis, Mo.
JAMES DEAN GIVENS Georgetown University, Washington, D.C. (Surgery)	Fort Wayne, Ind.
JAMES LEWIS GROGAN U.S. Naval Hospital, Bethesda, Md. (Flexible)	Chattanooga, Tenn.
MICHAEL ANTHONY GRUBER Vanderbilt University Hospital (Surgery)	Cincinnati, Ohio
GLENN-ERIC HAGER Providence Hospital, Portland, Oreg. (Medicine)	Lovington, N.Mex.
SCOTT ROBINSON HARRIAGE Northwestern University Medical School, Chicago, Ill. (Obstetrics & Gynecology)	Nordland, Wash.

- JAMES KILCOYNE HARTYE
Duke University Medical Center, Durham, N.C. (Family Medicine) Westfield, N.J.
- JOHN MILTON HERRE
Baylor College Affiliates, Houston, Texas (Medicine) Harrisburg, Pa.
- MARILYN JEAN BROCK HERRE
Baylor College Affiliates, Houston, Texas (Pediatrics) Temple Hills, Md.
- STEPHEN LEE HINES
Vanderbilt University Hospital (Medicine) Atlanta, Ga.
- PETER OSBORNE HOLLIDAY III
North Carolina Baptist Hospital, Winston-Salem (Neurosurgery) Macon, Ga.
- JOHN GREGORY HUFF
Vanderbilt University Hospital (Pediatrics) Atlanta, Ga.
- RANDALL DAVID HUSS
University of Florida-Alachua General, Gainesville (Family Medicine) Saint Louis, Mo.
- HENRY SMITH JENNINGS III
Vanderbilt University Hospital (Medicine) Gainesville, Ga.
- BRUCE EMERSON JONES
University of Tennessee, Memphis (Pathology) Nashville, Tenn.
- ROGER CARROL JONES
Vanderbilt University Hospital (Medicine) Monroe, La.
- LAWRENCE ALLEN JUDY
Vanderbilt University Hospital (Medicine) Kansas City, Mo.
- LON ALLEN KEITH
Vanderbilt University Hospital (Medicine) Elizabethtown, Ky.
- HOWARD RAYMOND KNAPP, JR.
Vanderbilt University Department of Clinical Pharmacology, (Research Associate) Del Mar, Calif.
- NATALIE ELEANORA KRASSIKOFF
Cincinnati General Hospital, Cincinnati, Ohio (Pediatrics) Pound Ridge, N.Y.
- STEVEN EDWARD KRAUSE
Maricopa County General Hospital, Phoenix, Ariz. (Flexible) Yankton, S.Dak.
- ROBERT HARRY LATHAM
Vanderbilt University Hospital (Medicine) Hopkinsville, Ky.
- JOHN WILLIS LEA IV
Vanderbilt University Hospital (Surgery) Huntington, W.Va.
- EDWARD HOLDMAN LIPFORD III
Johns Hopkins Hospital, Baltimore, Md. (Pathology) Charlotte, N.C.
- JOSEPH ALEXANDER LITTLE III
Vanderbilt University Hospital (Pediatrics) Nashville, Tenn.
- LINDA SHACTER LUNDIN
Vanderbilt University Hospital (Psychiatry) Oak Ridge, Tenn.
- SIDNEY DAVID MACHEFSKY
Washington University (Barnes), Saint Louis, Mo. (Surgery) Memphis, Tenn.
- STEWART CONRAD MANN
North Shore University Hospital, Manhasset, N.Y. (Pathology) Mineola, N.Y.
- JAY MICHAEL MARION
Vanderbilt University Hospital (Medicine) Olivette, Mo.
- LINDA CAROL MAYES
Vanderbilt University Hospital (Pediatrics) Winchester, Tenn.
- JOSEPH ROBERT MCMULLEN
Vanderbilt University Hospital (Surgery) Nashville, Tenn.
- SHARON JANE MICHAEL
Good Samaritan Hospital, Phoenix, Ariz. (Family Medicine) Clarksburg, W.Va.
- WILLIAM CURTIS MOOTZ
Saint Louis University Group Hospitals, Saint Louis, Mo. (Medicine) Richmond, Calif.
- BRENT STERLING MORRIS
Baylor College Affiliates, Houston, Texas (Pediatrics) Nashville, Tenn.

Westfield, N.J.	GORDON WYCHE MOUGHON Vanderbilt University Hospital (Medicine)	Nashville, Tenn.
Harrisburg, Pa.	ROBERT DENNIS MURPHY Yale-New Haven Medical Center, New Haven, Conn. (Pediatrics)	Loch Arbour, N.J.
Le Hills, Md.	JOHN HENRY NADING Grady Memorial Hospital, Atlanta, Ga. (Pediatrics)	Winston-Salem, N.C.
Atlanta, Ga.	JOHN WALLACE NEBLETT, JR. Vanderbilt University Hospital (Surgery)	Forrest City, Ark.
Macon, Ga.	BARRY GEORGE NEDOBA University of Alabama Medical Center, Birmingham (Medicine)	Columbia, Tenn.
Atlanta, Ga.	TIMOTHY FRANCIS NOLAN, JR. University of Massachusetts Hospital, Worcester (Pediatrics)	Springfield, Ky.
St Louis, Mo.	EDWIN WATSON NUNNERY, JR. North Carolina Memorial Hospital, Chapel Hill (Pathology)	Columbia, S.C.
Wesville, Ga.	JOHN GUSTAF PEARSON Vanderbilt University Hospital (Medicine)	Grand Forks, N.Dak.
Shville, Tenn.	STEPHEN WYNN REUBEN Lenox Hill Hospital, New York, N.Y. (Medicine)	Hattiesburg, Miss.
Monroe, La.	GEORGE MARSHALL REYNOLDS, JR. Vanderbilt University Hospital (Pediatrics/Medicine)	Jackson, Miss.
as City, Mo.	HOWARD MASON ROBERTSON, JR. Ochsner Foundation Hospital, New Orleans, La. (Surgery)	Coral Springs, Fla.
hometown, Ky.	PAUL ALLEN ROSENBLATT Vanderbilt University Hospital (Radiology/Radiotherapy)	Nashville, Tenn.
el Mar, Calif.	BOYD HENRY RUFF Medical University of South Carolina Hospital, Charleston (Medicine)	Atlanta, Ga.
d Ridge, N.Y.	PAUL EDWARD RUTTLE University of Oregon Medical School Hospitals and Clinics, Portland (Flexible)	Joliet, Ill.
nkton, S.Dak.	CALVIN RAY SHAFFER University of Nebraska Medical Center, Omaha (Family Medicine)	Nashville, Tenn.
okinsville, Ky.	JERRY LYNN SHENEP Saint Louis Children's Hospital, Saint Louis, Mo. (Pediatrics)	Memphis, Tenn.
ington, W.Va.	ALANDRA MARIE TOBIN University of Rochester Affiliates-Associated Programs, Rochester, N.Y. (Medicine)	Edgewood, Md.
harlotte, N.C.	BRIAN ANDREW TRUXAL New York University-Bellevue Hospital, New York (Pediatrics)	Nashville, Tenn.
shville, Tenn.	VERNON ALBERT VIX, JR. Saint Louis University, Mo. (Medicine)	Nashville, Tenn.
Ridge, Tenn.	BARRY PAUL WAYLER University of Colorado Medical Center, Denver (Medicine)	Bayside, N.Y.
emphis, Tenn.	LEWE SESSIONS WEST University of Alabama Medical Center, Birmingham (Medicine)	Atlanta, Ga.
Mineola, N.Y.	STEPHEN HOWARD WHITAKER Cincinnati General Hospital, Cincinnati, Ohio (Pediatrics)	Hazard, Ky.
Olivette, Mo.	MARK ALAN WHITING Air Force Hospital, Keesler Air Force Base, Miss. (Medicine)	Hollywood, Fla.
chester, Tenn.	GLENNA BARBARA WINNIE Case-Western Reserve University Hospital, Cleveland, Ohio (Pediatrics)	Traverse City, Mich.
ashville, Tenn.	KEVIN SCOTT WOOLLEY University of Hawaii Affiliates, Honolulu (Surgery)	North Palm Beach, Fla.
ksburg, W.Va.		
chmond, Calif.		
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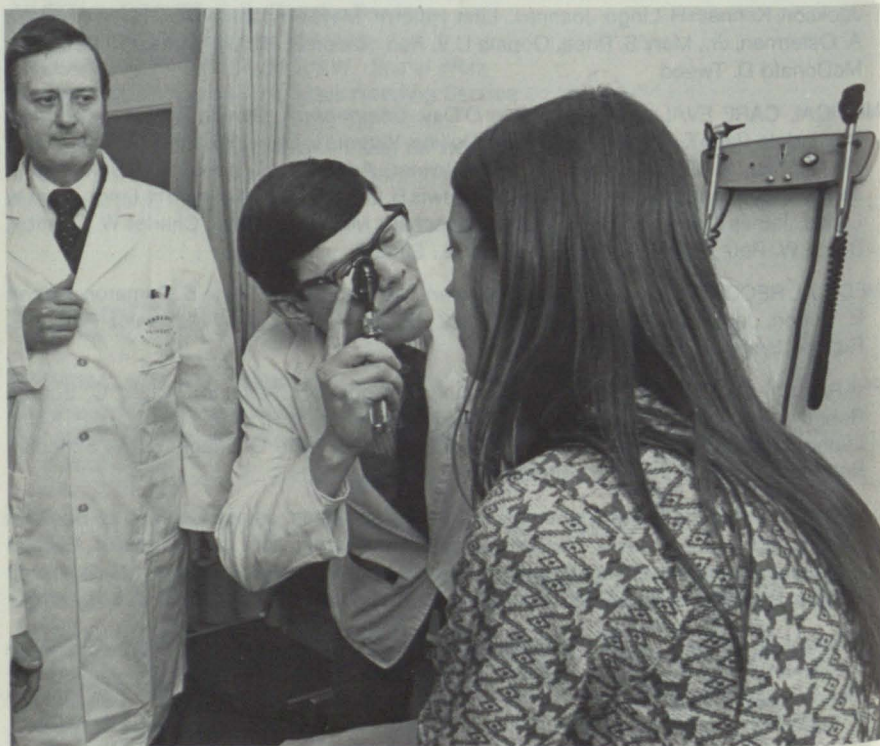
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Edith V. Fly,
Peter M.S.
William R.
er, Alyce E.

Jr., Thomas

, Walter G.
, Vernon H.

le Ashburn,
rey Hough,
Mary Jane

Covington,
ann, Conrad
endergrass,



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M. Lawrence Berman *Visiting*

Geoffrey Berry *Visiting*

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Thomas Caldwell *Visiting*

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Erol Genca *Associate*

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(on leave)

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Geeta Vasudeo *Active*

Margaret Wood *Active*

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H. Earl Ginn *Active*

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- Fred Goldner, Jr. *Active*
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Stanley E. Graber *Active*
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L. Clifford McKee *Active*
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Cullen R. Merritt *Visiting*
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Carl E. Mitchell *Active*
George W. Moore *Active*
John A. Oates *Active*
Robert K. Oldham *Active*
David N. Orth *Active*
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James M. Perry, Jr. *Active*
Robert W. Quinn *Visiting*
David Rabin *Active*
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Samuel S. Riven *Emeritus*
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Sol A. Rosenblum *Associate*
Robert M. Roy *Associate*
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Steven Schenker *Active*
Stephen Schillig *Active*
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David G. Shand *Active*
Harrison J. Shull *Active*
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Murray W. Smith *Active*
Raphael Smith *Active*
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 James P. Wilson *Active*

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 John R. Woods *Active*
 Raymond Woosley *Active*
 Robert J. Workman *Active*
 John Lanier Wyatt *Active*

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 James R. Hamilton *Associate*
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 Alvin H. Meyer, Jr. *Associate*

Bernard J. Pass *Associate*
 Bruce P'Pool, Jr. *Associate*
 Howard Lee Salyer *Associate*
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 John Sloan Warner *Consulting*
 Charles E. Wells *Active*

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 Harry Baer *Visiting*
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 Norman E. Witthauer *Visiting*
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 Carl Zimmerman *Visiting*

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 Fowler Hollabaugh *Emeritus*
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 Luther A. Beazley *Active*
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 Lindsay K. Bishop *Active*
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 James S. Price *Active*
 Fred C. Robinson *Visiting*
 James S. Roloff *Active*
 Dan S. Sanders, Jr. *Active*
 Charles Gordon Rennick Sell *Active*
 Sarah H. Sell *Active*
 William T. Slonecker *Visiting*
 Ephraim Slonim *Active*
 Harvey Spark *Active*
 Mildred Stahlman *Active*
 Joseph Steranka *Active*
 Joe M. Strayhorn *Active*
 Hakan Sundell *Active*
 Richard P. Taber *Active*
 David D. Thombs *Active*
 William Brown Wadlington *Active*
 Ethel Walker *Active*
 Thomas S. Weaver *Active*
 Arville V. Wheeler *Active*

Thomas Whitworth *Active*
 Bernard A. Wiggins *Visiting*
 Earl E. Wilkinson *Active*
 John T. Wilson *Active*

G. Wallace Wood *Active*
 Peter F. Wright *Active*
 Thomas B. Zerfoss, Jr. *Active*

Psychiatry

MARK H. HOLLENDER, Psychiatrist-in-Chief

Georgina Abisellan *Visiting*
 Harry S. Abram
 (Died 3 September 1977)
 Robert W. Adams, Jr. *Active*
 Harvey Asher *Active*
 David Barton *Active*
 Robert F. Baxter *Active*
 Otto Billig *Visiting*
 Henry B. Brackin, Jr. *Visiting*
 Thomas W. Campbell *Active*
 Pietro Castelnuovo-Tedesco *Active*
 William E. Coopwood *Visiting*
 Charles Corbin, Jr. *Visiting*
 H. James Crecraft *Visiting*
 Miles K. Crowder *Active*
 J. Emmett Dozier, Jr. *Active*
 Joseph Fishbein *Visiting*
 Fay M. Gaskins *Active*
 Edmon L. Green *Visiting*
 Frederick T. Horton *Active*
 Harold W. Jordan *Visiting*
 Michael J. Keyes *Visiting*
 Ronald F. Kourany *Active*

Kent Kyger *Visiting*
 Albert R. Lawson *Visiting*
 Thomas P. Logan *Active*
 Frank H. Luton *Emeritus*
 James B. McGehee *Visiting*
 Earl Ninow *Active*
 William F. Orr *Emeritus*
 William M. Petrie *Active*
 Bruce W. Rau *Active*
 Robert M. Reed *Visiting*
 Robert N. Reynolds *Visiting*
 Alvin B. Rosenbloom *Active*
 Louis Sampson *Associate*
 William F. Sheridan, Jr. *Visiting*
 Stewart Shevitz *Active*
 Charles B. Smith *Visiting*
 Frank W. Stevens *Visiting*
 William R. C. Stewart, Jr. *Active*
 C. Richard Treadway *Active*
 Charles E. Wells *Active*
 Nat T. Winston *Visiting*
 Dennis C. Workman *Visiting*
 Guy Zimmerman *Visiting*

Psychologists

C. Denton Buchanan *Allied*
 Michael L. Campbell *Visiting*
 Virginia Kirk *Emerita*
 Susan Lewis *Allied*

Leonard Morgan *Visiting*
 Howard B. Roback *Allied*
 Warren W. Webb *Allied*

Radiology

A. EVERETTE JAMES, JR., Radiologist-in-Chief

Ronald Addlestone *Visiting*
 Joseph H. Allen, Jr. *Active*
 John H. Beveridge *Visiting*
 Marion G. Bolin *Active*
 A. Bertrand Brill *Active*

Craig Coulam *Active*
 Thomas R. Duncan *Visiting*
 Daniel C. Geddie *Visiting*
 James Gerlock, Jr. *Active*
 S. Julian Gibbs *Active*

Clifton E. Greer, Jr. *Visiting*
 William M. Hamilton *Visiting*
 Richard M. Heller, Jr. *Active*
 Duk Un Hong *Active*
 Minyard D. Ingram, *Active*
 Joseph McK. Ivie *Visiting*
 Joseph C. Jones *Active*
 Sandra G. Kirchner *Active*
 Samuel D. Lane *Visiting*
 Robert J. Linn *Visiting*
 Ben R. Mayes *Visiting*
 James Richard Moyers *Visiting*

John R. Olson
 (Died 23 August 1977)
 Ronald E. Overfield *Visiting*
 Richard P. Ownbey *Visiting*
 Henry P. Pendergrass *Active*
 Carl W. Rogers *Active*
 Samuel Benton Rutledge *Visiting*
 Burton Silbert *Visiting*
 Clyde W. Smith *Active*
 Steven L. Stroup *Active*
 John M. Tanner *Visiting*

Surgical Sciences

Surgery

H. WILLIAM SCOTT, JR., Surgeon-in-Chief

R. Benton Adkins, Jr. *Active*
 William C. Alford, Jr. *Active*
 Terry Allen *Associate*
 Harvey W. Bender, Jr. *Active*
 Edmund W. Benz *Active*
 Stanley Bernard *Visiting*
 Robert L. Bomar, Jr. *Consulting*
 Cloyce F. Bradley *Visiting*
 George Burrus *Active*
 Benjamin F. Byrd, Jr. *Active*
 Kenneth L. Classen *Associate*
 Joseph M. Crane *Associate*
 Paul S. Crane *Visiting*
 Rollin A. Daniel Jr. *Active*
 Richard H. Dean *Active*
 Harold C. Dennison, Jr. *Visiting*
 Walter L. Diveley *Consulting*
 George E. Duncan *Visiting*
 William H. Edwards *Active*
 Parker Elrod *Visiting*
 John L. Farringer, Jr. *Visiting*
 Benjamin Fisher *Associate*
 R. Darryl Fisher *Active*
 James C. Gardner *Emeritus*
 Sam Y. Garrett *Visiting*
 Carl N. Gessler *Visiting*

Walter G. Gobbel, Jr. *Active*
 Herschel A. Graves, Jr. *Active*
 Roy G. Hammonds *Visiting*
 Robert A. Hardin *Visiting*
 Jackson Harris *Visiting*
 J. Lynwood Herrington, Jr. *Active*
 Robert W. Ikard *Active*
 J. Kenneth Jacobs *Active*
 James P. Lester *Visiting*
 Malcolm R. Lewis *Active*
 Robert McCracken *Visiting*
 M. Charles McMurray *Associate*
 Barton McSwain *Emeritus*
 Joe M. Miller *Visiting*
 I. Armistead Nelson *Associate*
 Oscar F. Noel *Visiting*
 Philip J. Noel *Active*
 Jefferson C. Pennington, Jr. *Active*
 David R. Pickens, Jr. *Visiting*
 Roy J. Renfro *Visiting*
 Vernon H. Reynolds *Visiting*
 Robert E. Richie *Active*
 Douglas H. Riddell *Active*
 Lansdon B. Robbins II *Visiting*
 Louis Rosenfeld *Active*
 Robert N. Sadler *Visiting*

John L. Sawyers *Active*
 Harrison H. Shoulders, Jr. *Visiting*
 Daugh W. Smith *Emeritus*
 William S. Stoney, Jr. *Active*
 Amos Darrell Tackett *Active*

Marion B. Tallent, Jr. *Active*
 Clarence S. Thomas, Jr. *Active*
 Charles C. Trabue IV *Visiting*
 Matthew Walker *Active*
 John K. Wright *Visiting*

Dentistry

H. DAVID HALL, Oral Surgeon-in-Chief

James B. Baylor *Visiting*
 E. Thomas Carney *Visiting*
 Jeffrey B. Clark *Visiting*
 Herbert A. Crockett *Visiting*
 David Denny *Visiting*
 Frank H. DePierri, Jr. *Visiting*
 Paul D. Elcan *Visiting*
 S. Julian Gibbs *Active*
 William S. Gray *Visiting*

Barnett J. Hall *Visiting*
 Fred H. Hall *Visiting*
 Perry F. Harris *Visiting*
 William C. King *Visiting*
 Fred M. Medwedeff *Visiting*
 L. Willard Parker *Visiting*
 Rebecca Schwartz *Active*
 Jack A. Tyson *Visiting*

Oral Surgery

H. DAVID HALL, Oral Surgeon-in-Chief

Samuel O. Banks, Jr. *Visiting*
 Edwin L. DeLeon *Consulting*
 Elmore Hill *Visiting*
 Jonathan S. Jacobs *Active*
 Charles J. Ladd *Visiting*

Edward H. Martin *Visiting*
 James W. Nickerson, Jr. *Visiting*
 Stanley C. Roddy, Jr. *Visiting*
 Jack C. Schmitt *Visiting*

Neurological Surgery

WILLIAM F. MEACHAM, Neurosurgeon-in-Chief

Arthur G. Bond III *Active*
 Cully A. Cobb, Jr. *Active*
 Arthur Cushman *Associate*
 James W. Hays *Active*
 Ray W. Hester *Active*

Everette I. Howell, Jr. *Active*
 Warren F. McPherson *Active*
 Arnold Meirowsky *Active*
 Charles D. Scheibert *Active*

Otolaryngology

WILLIAM G. KENNON, Jr., Acting Otolaryngologist-in-Chief

Clyde V. Alley, Jr. *Active*
 Larson Dale Beck *Active*
 J. Thomas Bryan *Active*
 Anthony Drake Casparis *Associate*
 Jerrall P. Crook *Visiting*
 William G. Davis *Associate*
 William L. Downey *Active*

Michael E. Glasscock III *Active*
 Hiranya Gowda *Associate*
 Perry F. Harris *Visiting*
 William Thomas Moore *Associate*
 Robert C. Owen *Active*
 Warren R. Patterson *Associate*

Pediatric Surgery

JAMES A. O'NEILL, Jr., Pediatric Surgeon-in-Chief

George W. Holcomb, Jr. *Visiting*

Plastic Surgery

JOHN B. LYNCH, Chief of Plastic Surgical Service

David G. Bowers, Jr. *Associate*

Reuben A. Bueno *Associate*

James H. Fleming, Jr. *Associate*

John D. Franklin *Active*

John C. Frist, Jr. *Associate*

Charles W. MacMillan *Active*

James Madden, Jr. *Active*

Takis Patikas *Active*

Greer Ricketson *Active*

Kirkland W. Todd, Jr. *Active*

Thoracic and Cardiac Surgery

HARVEY W. BENDER, JR. Chief of Thoracic and Cardiac Service

R. Benton Adkins, Jr. *Active*

William C. Alford, Jr. *Active*

George Burrus *Active*

Rollin A. Daniel, Jr. *Active*

Walter L. Diveley *Consulting*

William H. Edwards *Active*

R. Darryl Fisher *Active*

Walter G. Gobbel, Jr. *Active*

Jackson Harris *Visiting*

J. Kenneth Jacobs *Active*

Robert McCracken *Visiting*

Robert E. Richie *Active*

Douglas H. Riddell *Active*

Robert N. Sadler *Visiting*

John L. Sawyers *Active*

H. William Scott, Jr. *Active*

Issam J. Shaker *Active*

William S. Stoney, Jr. *Active*

Clarence S. Thomas, Jr. *Active*

Urological Surgery

ROBERT K. RHAMY, Urologist-in-Chief

Edward H. Barksdale *Emeritus*

Robert B. Barnett *Associate*

Victor Braren *Active*

Oscar Carter *Associate*

Robert A. Carter *Associate*

William B. Crenshaw *Visiting*

William P. Dutton *Visiting*

Robert H. Edwards *Associate*

Robert B. Faber *Associate*

John R. Furman *Visiting*

H. Earl Ginn *Associate*

Keith W. Hagan *Visiting*

Charles E. Haines, Jr. *Associate*

Albert P. Isenhour *Associate*

Frederick K. Kirchner *Active*

Robert E. McClellan *Associate*

Tom E. Nesbitt *Associate*

Phillip P. Porch, Jr. *Associate*

Robert A. Sewell *Associate*

Harry S. Shelley *Emeritus*

Michael J. Spalding *Visiting*

William J. Stone *Associate*

Paul E. Teschan *Associate*

J. Douglass Trapp *Associate*

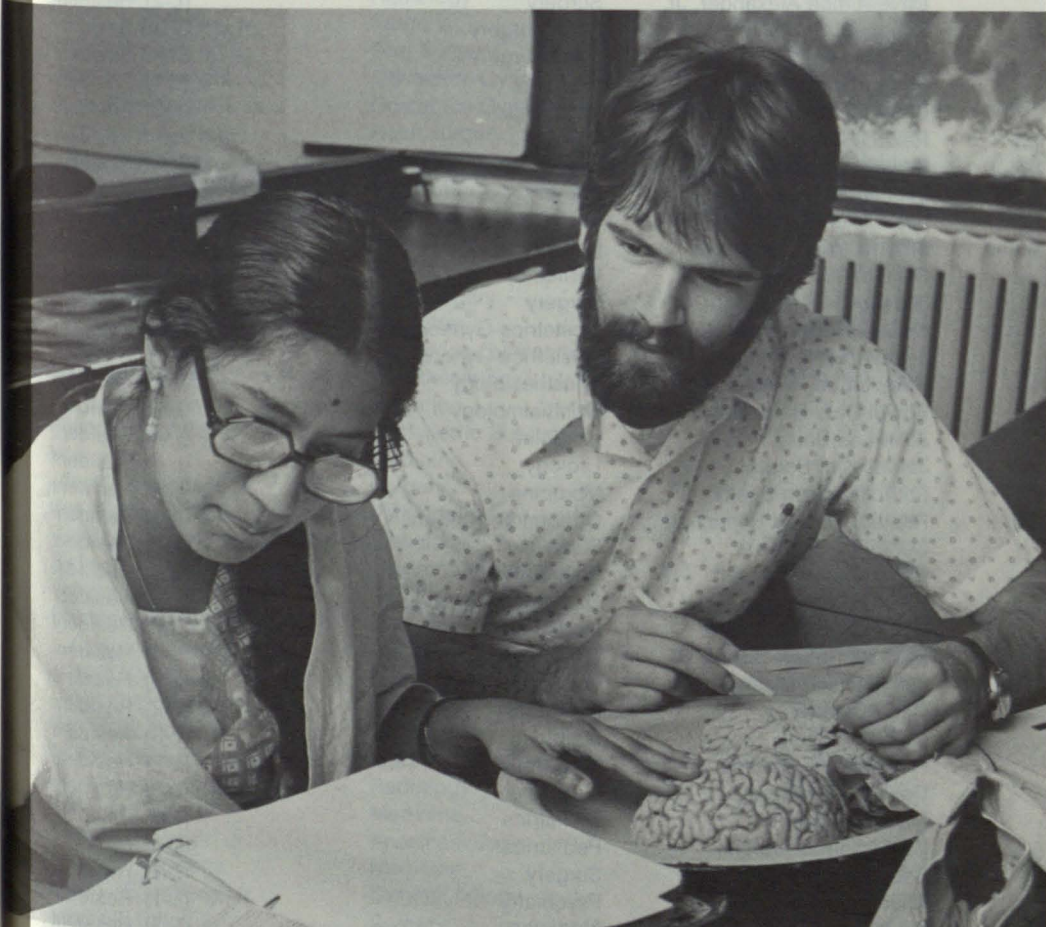
John M. Tudor *Associate*

Bruce I. Turner *Active*

Kenneth R. Brooks
 Larry J. Brown
 Douglas H. Brown
 Jeffrey H. Brown
 Philip P. Brown
 Thomas W. Brown
 John Brown II
 Joseph Brown
 William W. Brown
 Jeffrey P. Brown
 William E. Brown
 E. Thomas Brown
 Jeffrey B. Brown
 David Brown
 Frank H. Brown
 Paul D. Brown
 S. Julian Brown
 William S. Brown

Psychiatry
 Medicine
 Surgery
 Pathology
 Radiology
 Pediatrics
 Obstetrics
 Gynecology
 Ophthalmology
 Otorhinolaryngology
 Dermatology
 Neurology
 Orthopedics
 Urology
 Cardiology
 Endocrinology
 Hematology
 Oncology
 Infectious Diseases
 Nephrology
 Rheumatology
 Geriatrics
 Palliative Care
 Emergency Medicine
 Critical Care Medicine
 Sports Medicine
 Occupational Medicine
 Public Health
 Preventive Medicine
 Health Services Research
 Biostatistics
 Epidemiology
 Environmental Health
 Toxicology
 Forensic Medicine
 Legal Medicine
 Medical Ethics
 Health Law
 Health Policy
 Health Economics
 Health Equity
 Health Communication
 Health Behavior
 Health Promotion
 Health Care Delivery
 Health Care Quality
 Health Care Access
 Health Care Costs
 Health Care Reform
 Health Care Innovation
 Health Care Research
 Health Care Education
 Health Care Leadership
 Health Care Management
 Health Care Administration
 Health Care Organization
 Health Care Practice
 Health Care Policy
 Health Care Regulation
 Health Care Standards
 Health Care Accreditation
 Health Care Certification
 Health Care Licensure
 Health Care Malpractice
 Health Care Litigation
 Health Care Arbitration
 Health Care Mediation
 Health Care Dispute Resolution
 Health Care Risk Management
 Health Care Compliance
 Health Care Privacy
 Health Care Security
 Health Care Safety
 Health Care Infection Control
 Health Care Bioethics
 Health Care Bioethics Education
 Health Care Bioethics Research
 Health Care Bioethics Practice
 Health Care Bioethics Policy
 Health Care Bioethics Regulation
 Health Care Bioethics Standards
 Health Care Bioethics Accreditation
 Health Care Bioethics Certification
 Health Care Bioethics Licensure
 Health Care Bioethics Malpractice
 Health Care Bioethics Litigation
 Health Care Bioethics Arbitration
 Health Care Bioethics Mediation
 Health Care Bioethics Dispute Resolution
 Health Care Bioethics Risk Management
 Health Care Bioethics Compliance
 Health Care Bioethics Privacy
 Health Care Bioethics Security
 Health Care Bioethics Safety
 Health Care Bioethics Infection Control
 Health Care Bioethics Bioethics
 Health Care Bioethics Bioethics Education
 Health Care Bioethics Bioethics Research
 Health Care Bioethics Bioethics Practice
 Health Care Bioethics Bioethics Policy
 Health Care Bioethics Bioethics Regulation
 Health Care Bioethics Bioethics Standards
 Health Care Bioethics Bioethics Accreditation
 Health Care Bioethics Bioethics Certification
 Health Care Bioethics Bioethics Licensure
 Health Care Bioethics Bioethics Malpractice
 Health Care Bioethics Bioethics Litigation
 Health Care Bioethics Bioethics Arbitration
 Health Care Bioethics Bioethics Mediation
 Health Care Bioethics Bioethics Dispute Resolution
 Health Care Bioethics Bioethics Risk Management
 Health Care Bioethics Bioethics Compliance
 Health Care Bioethics Bioethics Privacy
 Health Care Bioethics Bioethics Security
 Health Care Bioethics Bioethics Safety
 Health Care Bioethics Bioethics Infection Control

House Staff 1977-78
 Robert A. Brown
 Jeffrey B. Brown
 William E. Brown
 E. Thomas Brown
 Jeffrey P. Brown
 David Brown
 Frank H. Brown
 Paul D. Brown
 S. Julian Brown
 William S. Brown
 Kenneth R. Brooks
 Larry J. Brown
 Douglas H. Brown
 Jeffrey H. Brown
 Philip P. Brown
 Thomas W. Brown
 John Brown II
 Joseph Brown
 William W. Brown
 Jeffrey P. Brown
 William E. Brown
 E. Thomas Brown
 Jeffrey B. Brown
 David Brown
 Frank H. Brown
 Paul D. Brown
 S. Julian Brown
 William S. Brown



First-year anatomy students spend many hours out of a formal lab setting in independent study.

House Staff 1977-78



Figures in parentheses indicate the current level of the residency.

Mary L. Combs Abram	Pathology	(L-4) Resident
Joel Nathan Abramovitz	Surgery	(L-2) Resident
Richard Clarke Agnew	Surgery	(L-3) Resident
Salim Salim Akrabawi	Medicine	(L-1) Resident
Dave Almon Alexander, Jr.	Surgery	(L-2) Resident
Vaughan A. Allen	Neurosurgery	(L-6) Chief Resident
Verne E. Allen	Neurosurgery	(L-6) Chief Resident
Robert Lynn Ammarell	Medicine	(L-1) Resident
Charles Richard Arendale	Radiology	(L-3) Resident
Rex E. H. Arendall II	Surgery	(L-1) Resident
Edward Stanley Arnold	Psychiatry	(L-1) Resident
Michael Edward Ashley	Surgery	(L-1) Resident
Leon Allen Assael	Oral Surgery	(L-3) Resident
Sidney Wright Atkinson	Pediatrics	(L-1) Resident
Frank Milton Balis	Pediatrics	(L-3) Resident
Jeanne Field Ballinger	Surgery	(L-1) Resident
Donald Robert Barnett	Obstetrics-Gynecology	(L-4) Chief Resident
Jeffrey Marvel Barrett	Obstetrics-Gynecology	(L-2) Resident
Ruby Linda C. Batan-Co	Anesthesiology	(L-2) Resident
Edwin Dale Batchelor	Ophthalmology	(L-2) Resident
John Lee Baughman, Jr.	Medicine	(L-4) Resident
James Kim Bauriedel	Urology	(L-4) Resident
Patrick Gibson Beatty	Medicine	(L-2) Resident
Richard Donald Beauchamp	Orthopedic Surgery	(L-5) Resident
Daniel H. Benckart	Surgery	(L-1) Resident
Betsy Dianne Bennett	Pathology	(L-2) Resident
Rita Ann Biesen	Obstetrics-Gynecology	(L-2) Resident
Daniel A. Birchmore	Medicine	(L-2) Resident
Michael Robert Bishop	Obstetrics-Gynecology	(L-3) Resident
Jerry Nelson Black	Ophthalmology	(L-2) Resident
Carla Bloedel	Pediatrics	(L-2) Resident
Glenn H. Booth, Jr.	Medicine	(L-3) Resident
Fredricka M. Borland	Surgery	(L-2) Resident
David C. Bosworth	Medicine	(L-3) Resident
Mark M. Boucek	Pediatrics	(L-1) Resident
C. Michael Bowman	Pediatrics	(L-3) Resident
Sherrill D. Braswell, Jr.	Surgery	(L-1) Resident
Rhonda Kay Brennan	Psychiatry	(L-1) Resident
Michael B. Brenner	Medicine	(L-3) Resident
Joseph A. Breslin, Jr.	Urology	(L-6) Chief Resident
Samuel A. Brody	Medicine	(L-1) Resident
Ronald W. Bronitsky	Medicine	(L-1) Resident

	Kenneth P. Brooks	Psychiatry	(L-3) Resident
	Barry J. Brown	Radiology	(L-2) Resident
	Douglas H. Brown	Obstetrics-Gynecology	(L-2) Resident
	Jeffrey H. Brown	Medicine	(L-2) Resident
	Phillip P. Brown	Thoracic Surgery	(L-7) Chief Resident
	Ruskin W. Brown	Urology	(L-3) Resident
	John Bruno III	Orthopedic Surgery	(L-4) Resident
	Glenn S. Buckspan	Surgery	(L-4) Resident
	Paul W. Burke, Jr.	Surgery	(L-1) Resident
4) Resident	Donald P. Burney	Thoracic Surgery	(L-6) Resident
2) Resident	Benjamin F. Byrd III	Medicine	(L-1) Resident
3) Resident	Duncan R. Campbell	Pediatrics	(L-3) Resident
1) Resident	Norma Marta Campos	Psychiatry	(L-3) Resident
2) Resident	Linda Carr	Radiology	(L-2) Resident
Chief Resident	James A. Carson	Surgery	(L-4) Resident
Chief Resident	Jeffrey B. Carter	Oral Surgery	(L-3) Resident
1) Resident	Peter S. Cartwright	Obstetrics-Gynecology	(L-1) Resident
3) Resident	Jill F. Chambers	Obstetrics-Gynecology	(L-3) Resident
1) Resident	Charles H. Clark III	Neurosurgery	(L-3) Resident
1) Resident	Douglas A. Clark	Medicine	(L-1) Resident
1) Resident	Teresa Elaine Clark	Medicine	(L-1) Resident
3) Resident	Ernest L. Coburn, Jr.	Radiology	(L-5) Chief Resident
1) Resident	Dan Ellis Connor	Pathology	(L-2) Resident
3) Resident	Arthur J. Cook, Jr.	Pathology	(L-2) Resident
1) Resident	Lindsey W. Cooper	Oral Surgery	(L-2) Resident
Chief Resident	Ann R. Costello	Medicine	(L-1) Resident
2) Resident	Jeffrey J. Cowan	Obstetrics-Gynecology	(L-4) Chief Resident
2) Resident	Mark R. Crowell	Anesthesiology	(L-1) Resident
2) Resident	William A. Curry	Medicine	(L-2) Resident
4) Resident	Shannon Ray Curtis	Orthopedic Surgery	(L-3) Resident
4) Resident	Bruce Dan	Medicine	(L-4) Resident
2) Resident	Jesse T. Davidson III	Surgery	(L-2) Resident
5) Resident	Ben Weldon Davis	Pathology	(L-1) Resident
1) Resident	Carla M. Davis	Pathology	(L-4) Resident
2) Resident	Richard J. Davis	Obstetrics-Gynecology	(L-2) Resident
2) Resident	Achilles J. Demetriou	Surgery	(L-4) Resident
2) Resident	Emmanuel Dessypris	Medicine	(L-4) Resident
3) Resident	F. Lawrence Dewberry	Medicine	(L-4) Resident
2) Resident	John H. Dixon, Jr.	Medicine	(L-6) Chief Resident
2) Resident	David B. Dodson	Medicine	(L-2) Resident
3) Resident	Robert M. Donnell	Pathology	(L-1) Resident
2) Resident	Deborah Rose Doyle	Medicine	(L-1) Resident
3) Resident	Robert L. Dubuisson	Radiology	(L-1) Resident
1) Resident	Eric Lee Dyer	Medicine	(L-2) Resident
3) Resident	Andrew S. Edgar, Jr.	Anesthesiology	(L-1) Resident
1) Resident	Bruce G. Edwards	Medicine	(L-3) Resident
1) Resident	Luke L. Ellenburg, Jr.	Ophthalmology	(L-3) Resident
3) Resident	Lester F. Elliott II	Surgery	(L-2) Resident
Chief Resident	Harold G. Erath, Jr.	Surgery	(L-3) Resident
1) Resident	Deborah Erdman	Obstetrics-Gynecology	(L-1) Resident
1) Resident	Walter L. Erhardt, Jr.	Plastic Surgery	(L-5) Resident

Aaron M. Esbenshade, Jr.	Medicine	(L-2) Resident
Steven J. Eskind	Surgery	(L-1) Resident
Robert L. Estes	Ophthalmology	(L-2) Resident
Dwight Evans	Medicine	(L-5) Resident
Owen B. Evans, Jr.	Neurology	(L-3) Resident
Stephen H. Falwell	Radiology	(L-4) Resident
Thomas C. Farrar	Anesthesiology	(L-1) Resident
Bernard J. Feinberg	Medicine	(L-3) Resident
James W. Felch	Medicine	(L-1) Resident
William D. Ferraraccio	Orthopedic Surgery	(L-5) Chief Resident
Allan S. Fielding	Surgery	(L-1) Resident
Robert E. Finelli	Neurosurgery	(L-4) Resident
Frederick E. Finger III	Surgery	(L-2) Resident
Francis H. Fischer, Jr.	Pediatrics	(L-2) Resident
Judith Jean P. Fischer	Obstetrics-Gynecology	(L-3) Resident
Barbara Ann Fitzgerald	Psychiatry	(L-4) Chief Resident
Arthur C. Fleischer	Radiology	(L-2) Resident
Edward P. Fody	Pathology	(L-4) Resident
Leland Jay Foshag	Surgery	(L-3) Resident
Daniel T. Fowler	Radiology	(L-3) Resident
Fritz Oswald A. Franke	Child Psychiatry	(L-5) Resident
William A. Freeborn	Urology	(L-4) Resident
Robert Friedman	Medicine	(L-2) Resident
William J. Fulkerson, Jr.	Medicine	(L-1) Resident
Steven S. Gale	Surgery	(L-4) Resident
Arnulfo R. Garza-Vale	Neurosurgery	(L-5) Resident
Boyd B. Gasque, Jr.	Radiology	(L-1) Resident
Robert E. Gentry	Medicine	(L-2) Resident
Caroline L. Gibbes	Ophthalmology	(L-3) Resident
Richard Gibson	Medicine	(L-5) Resident
P. Pressly Gilbert	Surgery	(L-1) Resident
Melvin L. Goldin	Psychiatry	(L-2) Resident
Antonio Granda	Medicine	(L-4) Resident
James C. Gray	Obstetrics-Gynecology	(L-2) Resident
Kevin F. Gray	Psychiatry	(L-1) Resident
Clark R. Gregg	Medicine	(L-4) Resident
Michael A. Gruber	Surgery	(L-1) Resident
Larry D. Gurley	Obstetrics-Gynecology	(L-1) Resident
Hans R. Haanaes	Oral Surgery	(L-4) Chief Resident
Curt H. Hagedorn	Medicine	(L-2) Resident
Alexander J. Haick, Jr.	Surgery	(L-1) Resident
John D. Hainsworth	Medicine	(L-2) Resident
Frederick L. Haley	Medicine	(L-3) Resident
William C. Hall	Ophthalmology	(L-4) Chief Resident
William R. Hammond	Medicine	(L-1) Resident
Peter Harcy	Radiology	(L-2) Resident
Charles R. Harris, Jr.	Medicine	(L-3) Resident
Leroy Harris	Medicine	(L-6) Resident
Asa C. Heflin, Jr.	Medicine	(L-2) Resident
Waters M. Hicks, Jr.	Medicine	(L-3) Resident
Stephen L. Hines	Medicine	(L-1) Resident

James
Patric
Karl
Gera
Hugh
Mar
Geor
John
Timot
Stins
Charl
Grant
Josep
John
Kurt
Jame
Marg
Robe
David
Eliza
Henry
Oscar
Howa
Chris
Roge
Willia
Haze
Lawr
Jayak
Duan
Vira
Alfred
Lon A
Philip
Allen
Kuzm
Roy A
Tatjar
Nich
Robe
Kodu
Sarm
Samu
Robe
Jame
Alice
Kenn
John
Sand
Bufon
Guat-

2) Resident	James M. Hinson, Jr.	Medicine	(L-3) Resident
1) Resident	Patrick Chi-Ping Ho	Ophthalmology	(L-2) Resident
2) Resident	Karl E. Hofamann	Surgery	(L-3) Resident
5) Resident	Gerald B. Hogsette, Jr.	Medicine	(L-3) Resident
3) Resident	Hugh D. Holliday	Medicine	(L-2) Resident
4) Resident	Marcus C. Houston	Medicine	(L-6) Chief Resident
1) Resident	George E. Howell II	Surgery	(L-3) Resident
3) Resident	John G. Huff	Pediatrics	(L-1) Resident
1) Resident	Timothy K. Hulsey	Surgery	(L-4) Resident
Chief Resident	Stinson E. Humphrey	Oral Surgery	(L-3) Resident
1) Resident	Charles E. Hunter, Jr.	Surgery	(L-3) Resident
4) Resident	Grant W. Huntzinger	Radiology	(L-1) Resident
2) Resident	Joseph W. Huston III	Medicine	(L-4) Resident
2) Resident	John M. Jackson, Jr.	Orthopedic Surgery	(L-5) Chief Resident
3) Resident	Kurt A. Jaeckle	Neurology	(L-1) Resident
Chief Resident	James T. Jakes	Medicine	(L-3) Resident
2) Resident	Margaret E. Jakes	Pediatrics	(L-2) Resident
4) Resident	Robert C. Jamieson	Psychiatry	(L-3) Resident
3) Resident	David Jarvis	Medicine	(L-5) Resident
3) Resident	Elizabeth M. Jennings	Pediatrics	(L-2) Resident
5) Resident	Henry S. Jennings III	Medicine	(L-1) Resident
4) Resident	Oscar T. Johns	Orthopedic Surgery	(L-5) Chief Resident
2) Resident	Howard Jolles	Radiology	(L-2) Resident
1) Resident	Christopher R. Jones	Surgery	(L-3) Resident
4) Resident	Roger C. Jones	Medicine	(L-1) Resident
5) Resident	William B. Jones	Urology	(L-4) Resident
1) Resident	Hazel A. Joyce	Radiology	(L-5) Resident
2) Resident	Lawrence A. Judy	Medicine	(L-1) Resident
3) Resident	Jayakumar R. Kambam	Anesthesiology	(L-3) Resident
5) Resident	Duangjai O. Kasantikul	Psychiatry	(L-2) Resident
1) Resident	Vira Kasantikul	Pathology	(L-2) Resident
2) Resident	Alfred G. Kasselberg	Pathology	(L-5) Resident
4) Resident	Lon Allen Keith	Medicine	(L-1) Resident
2) Resident	Philip L. Kelton, Jr.	Plastic Surgery	(L-5) Resident
1) Resident	Allen R. Kessler, II	Surgery	(L-2) Resident
4) Resident	Kuzma Khalid	Psychiatry	(L-3) Resident
1) Resident	Roy A. Kite	Pediatrics	(L-2) Resident
Chief Resident	Tatjana F. Koprivic	Obstetrics-Gynecology	(L-2) Resident
2) Resident	Nicholad A. Kozlov	Medicine	(L-3) Resident
1) Resident	Robert M. Kropp	Pediatrics	(L-1) Resident
2) Resident	Koduri V. Kumar	Anesthesiology	(L-3) Resident
3) Resident	Sarma R. Junda	Anesthesiology	(L-2) Resident
Chief Resident	Samuel J. Kuykendall	Obstetrics-Gynecology	(L-2) Resident
1) Resident	Robert H. Latham	Medicine	(L-1) Resident
2) Resident	James D. Lawson	Surgery	(L-3) Resident
3) Resident	Alice I. Lawver	Neurology	(L-2) Resident
6) Resident	Kenneth H. Laws	Surgery	(L-1) Resident
2) Resident	John W. Lea IV	Surgery	(L-1) Resident
3) Resident	Sandra R. Leavell	Psychiatry	(L-3) Resident
1) Resident	Buford B. Ledbetter	Obstetrics-Gynecology	(L-3) Resident
	Guat-Siew McKee Lee	Radiology	(L-4) Resident

Robert E. Lempke, Jr.	Surgery	(L-1)	Resident
Stephen S. Lexow	Neurology	(L-2)	Resident
Roger W. Lidman	Medicine	(L-3)	Resident
Randolph B. Linde	Medicine	(L-3)	Resident
Joseph A. Little III	Pediatrics	(L-1)	Resident
Michael A. Lojeck	Medicine	(L-2)	Resident
Bruce A. Lowe	Surgery	(L-2)	Resident
Edwin R. Lowery, Jr.	Orthopedic Surgery	(L-4)	Resident
Robert Lownes	Medicine	(L-5)	Resident
James E. Loyd	Medicine	(L-3)	Resident
Linda S. Lundin	Psychiatry	(L-1)	Resident
Ronald B. Lynn	Neurology	(L-2)	Resident
Paul R. McCombs III	Surgery	(L-1)	Resident
Thomas L. McCurley	Pathology	(L-3)	Resident
Joseph P. McEvoy	Psychiatry	(L-4)	Resident
Charles E. McKay III	Medicine	(L-1)	Resident
Kelly T. McKee, Jr.	Pediatrics	(L-2)	Resident
Charles Richard McKeen	Surgery	(L-4)	Resident
George W. McLean	Medicine	(L-5)	Resident
David M. McLellan	Surgery	(L-1)	Resident
Joseph R. McMullen	Surgery	(L-1)	Resident
Donald Mackler	Medicine	(L-5)	Resident
Stuart H. Manning	Medicine	(L-2)	Resident
Michael D. Maples	Surgery	(L-1)	Resident
Jay Michael Marion	Medicine	(L-1)	Resident
John M. Mathis	Radiology	(L-2)	Resident
John T. Matthews	Surgery	(L-4)	Resident
Jan Alan Mayer	Psychiatry	(L-3)	Resident
Linda Carol Mayes	Pediatrics	(L-1)	Resident
Patrick W. Meacham	Surgery	(L-2)	Resident
Raymond L. Meneely	Pediatrics	(L-2)	Resident
James W. Menzie	Anesthesiology	(L-2)	Resident
Gary E. Meredith	Pediatrics	(L-4)	Chief Resident
Paul R. Michael	Medicine	(L-1)	Resident
Richard E. Michalik	Surgery	(L-4)	Resident
Gary A. Militana	Radiology	(L-2)	Resident
Michael E. Miller	Medicine	(L-2)	Resident
Ronald V. Miller	Pediatrics	(L-2)	Resident
F. Michael Minch	Surgery	(L-5)	Chief Resident
Jayshri M. Mody	Anesthesiology	(L-4)	Resident
Georgia D. Montouris	Neurology	(L-3)	Resident
Robert M. Moore	Orthopedic Surgery	(L-3)	Resident
Juan Mauro G. Moreno	Radiology	(L-4)	Resident
William H. Moretz, Jr.	Surgery	(L-2)	Resident
David H. Morgan	Urology	(L-4)	Resident
Gordon W. Moughan	Medicine	(L-1)	Resident
Robert E. Mrak	Pathology	(L-2)	Resident
Jennifer L. Najjar	Pediatrics	(L-1)	Resident
Elmber P. Nance	Radiology	(L-2)	Resident
Miguel A. Narvaez	Radiology	(L-4)	Resident
William R. Neal	Obstetrics-Gynecology	(L-3)	Resident

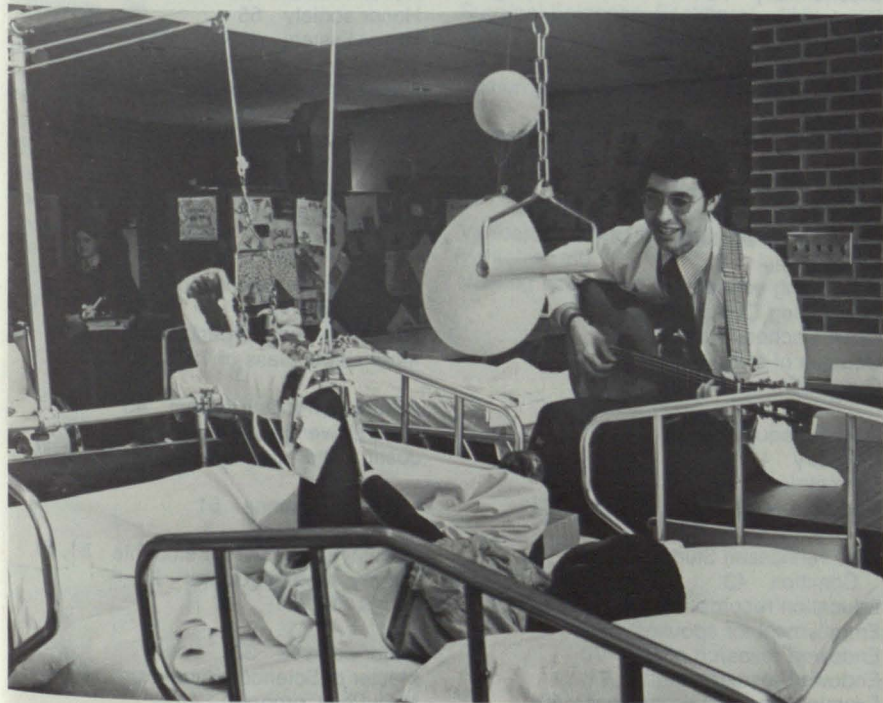
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Gera
Jame
Samy
Micha
Georg
Willia
Willia
Delm
Lewis
Paul
Charl
Debo
Wilso
Davi
Mitch
Robe
Jame
Steph
Steph
Kerry

1) Resident	John W. Neblett, Jr.	Surgery	(L-1) Resident
2) Resident	Wallace W. Neblett	Surgery	(L-5) Chief Resident
3) Resident	Betty K. Shively Neff	Obstetrics-Gynecology	(L-1) Resident
3) Resident	Donald C. Nelson	Medicine	(L-1) Resident
1) Resident	Kenneth G. Nix, Jr.	Medicine	(L-1) Resident
2) Resident	William A. Nylander	Surgery	(L-1) Resident
2) Resident	Steven Richard Nyquist	Psychiatry	(L-3) Resident
4) Resident	John W. O'Donnell III	Obstetrics-Gynecology	(L-3) Resident
5) Resident	Edward H. Oldfield	Neurosurgery	(L-4) Resident
3) Resident	Barbara Jean Olson	Pediatrics	(L-2) Resident
1) Resident	Bert E. Park	Neurosurgery	(L-5) Resident
2) Resident	Telfair H. Parker	Surgery	(L-5) Resident
1) Resident	Winston Clive-Victor Parris	Anesthesiology	(L-4) Resident
3) Resident	Lawrence J. Pass	Surgery	(L-1) Resident
4) Resident	William D. Payne	Pediatrics	(L-2) Resident
1) Resident	John G. Pearson	Medicine	(L-1) Resident
2) Resident	Joseph M. Perlman	Surgery	(L-2) Resident
4) Resident	Wendy Anne Peterson	Medicine	(L-1) Resident
5) Resident	Michael R. Petracek	Surgery	(L-5) Resident
1) Resident	Ross E. Pettit	Neurology	(L-4) Resident
1) Resident	Charles A. Pickens	Medicine	(L-3) Resident
5) Resident	J. Rush Pierce, Jr.	Medicine	(L-1) Resident
2) Resident	Joseph M. Plunkett	Urology	(L-3) Resident
1) Resident	James R. Polk, Jr.	Medicine	(L-2) Resident
1) Resident	Lester Lee Porter III	Medicine	(L-2) Resident
2) Resident	David N. Posnett	Medicine	(L-2) Resident
4) Resident	Jeffrey C. Posnick	Oral Surgery	(L-1) Resident
3) Resident	Thomas A. Powers	Medicine	(L-2) Resident
1) Resident	Richard E. Presley	Obstetrics-Gynecology	(L-4) Resident
2) Resident	Sandra L. Propst	Surgery	(L-2) Resident
2) Resident	Robert S. Quinn	Medicine	(L-3) Resident
2) Resident	Gerald P. Randle	Neurology	(L-4) Chief Resident
Chief Resident	James A. Rang	Orthopedic Surgery	(L-4) Resident
1) Resident	Samyukta C. Reddy	Anesthesiology	(L-2) Resident
4) Resident	Michael S. Rees	Medicine	(L-2) Resident
2) Resident	George M. Reynolds, Jr.	Pediatrics	(L-1) Resident
2) Resident	William T. Robertson	Surgery	(L-2) Resident
2) Resident	William W. Robertson, Jr.	Orthopedic Surgery	(L-4) Resident
Chief Resident	Delmar M. Rogers	Surgery	(L-3) Resident
4) Resident	Lewis H. Rosenbaum	Medicine	(L-3) Resident
3) Resident	Paul A. Rosenblatt	Radiology	(L-1) Resident
3) Resident	Charles S. Ruark, Jr.	Orthopedic Surgery	(L-4) Resident
4) Resident	Deborah Stuart Ruark	Ophthalmology	(L-3) Resident
2) Resident	Wilson Glover Russell	Pathology	(L-4) Resident
4) Resident	David S. St. Clair	Surgery	(L-2) Resident
1) Resident	Mitchell K. Sanders	Obstetrics-Gynecology	(L-4) Resident
2) Resident	Robert H. Schell	Surgery	(L-4) Resident
1) Resident	James D. Schlenker	Plastic Surgery	(L-7) Chief Resident
2) Resident	Stephen F. Scholle	Psychiatry	(L-1) Resident
4) Resident	Stephen A. Schultz	Medicine	(L-2) Resident
3) Resident	Kerry J. Schumaker	Surgery	(L-1) Resident

Michael Schwartz	Medicine	(L-5) Resident
Ronald O. Schwartz	Obstetrics-Gynecology	(L-3) Resident
Eric Scowden	Medicine	(L-5) Resident
Warren B. Seiler, Jr.	Child Psychiatry	(L-5) Resident
Robert B. Shack	Surgery	(L-5) Chief Resident
Nayantara S. Shah	Anesthesiology	(L-2) Resident
Christopher A. Shaut	Surgery	(L-2) Resident
Robert A. Shearer	Obstetrics-Gynecology	(L-2) Resident
Edwin H. Shoaf, Jr.	Medicine	(L-3) Resident
John L. Skudlarick	Surgery	(L-5) Chief Resident
Richard D. Smith	Medicine	(L-4) Resident
Stanley S. Snow	Psychiatry	(L-1) Resident
Alanson R. Spalding III	Thoracic Surgery	(L-7) Chief Resident
Clarence L. Spanuth, Jr.	Medicine	(L-6) Chief Resident
Charles N. Spencer, Jr.	Pediatrics	(L-2) Resident
Linda Lee Spindler	Radiology	(L-3) Resident
Peter W. Stacpoole	Medicine	(L-2) Resident
Vaughn A. Starnes	Surgery	(L-1) Resident
David S. Stephens	Medicine	(L-2) Resident
Gary L. Stiles	Medicine	(L-3) Resident
Charles A. Stilwell, Jr.	Pediatrics	(L-3) Resident
Raymond C. Strickland	Medicine	(L-2) Resident
David J. Switter	Pathology	(L-4) Resident
Tranquilino, P. Tacogue, Jr.	Anesthesiology	(L-4) Resident
Jerome S. Tannenbaum	Medicine	(L-1) Resident
Robert E. Taylor	Medicine	(L-2) Resident
Sushila N. Tejani	Anesthesiology	(L-2) Resident
Jonathan N. Terhune	Ophthalmology	(L-4) Resident
Peter L. Thurman	Medicine	(L-3) Resident
Clifford Randolph Tillman	Medicine	(L-2) Resident
Theresa M. Tilton	Radiology	(L-1) Resident
Juan A. Toledo	Neurology	(L-4) Resident
Anthony E.D. Trabue	Obstetrics-Gynecology	(L-3) Resident
Robert Trace	Medicine	(L-4) Resident
Maureen Elizabeth Trotter	Pathology	(L-2) Resident
Michael C. Trueblood	Orthopedic Surgery	(L-5) Chief Resident
Aubrey Lee Tucker, Jr.	Medicine	(L-3) Resident
Frederick E. Turton	Medicine	(L-1) Resident
Nora C. Umali-Sessoms	Anesthesiology	(L-3) Resident
Frank C. Walker, Jr.	Pediatrics	(L-1) Resident
William E. Walker	Thoracic Surgery	(L-5) Resident
Mark J. Warburton	Orthopedic Surgery	(L-3) Resident
James W. Ward, Jr.	Medicine	(L-5) Resident
John J. Warner	Surgery	(L-2) Resident
Michael F. Wasserman	Pediatrics	(L-1) Resident
George Waterhouse	Surgery	(L-2) Resident
Jane Ruth Weinberg	Psychiatry	(L-4) Chief Resident
Steven Weinreb	Medicine	(L-2) Resident
Gary S. Weinstein	Psychiatry	(L-3) Resident
Donna H. West	Radiology	(L-3) Resident
Sam Carroll West, Jr.	Psychiatry	(L-3) Resident

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 3) Resident

Walter W. Wheelhouse, Jr.	Orthopedic Surgery	(L-4) Resident
Elbert Asa White III	Ophthalmology	(L-6) Chief Resident
Curtis G. Wickre	Medicine	(L-1) Resident
George Toby Williams	Medicine	(L-1) Resident
Rickey L. Williams	Pediatrics	(L-1) Resident
Roger W. Wilson	Orthopedic Surgery	(L-5) Chief Resident
Elaine M. Wilt	Surgery	(L-3) Resident
Eugene J. Winter	Medicine	(L-2) Resident
Richard Wintsch	Surgery	(L-2) Resident
Timothy C. Wirt	Neurosurgery	(L-4) Resident
Edward H. Withers	Plastic Surgery	(L-7) Chief Resident
William Stephen Witt	Radiology	(L-3) Resident
Susan Marie Wodicka	Medicine	(L-3) Resident
Anna Maria Womack	Psychiatry	(L-2) Resident
William G. Woolery	Medicine	(L-1) Resident
Barbara L. Woolley	Obstetrics-Gynecology	(L-1) Resident
Claude H. Workman	Urology	(L-5) Chief Resident
Michael Victor Wren	Medicine	(L-3) Resident
Michael H. Young	Medicine	(L-3) Resident
Jane E. Zakrzewski	Pediatrics	(L-2) Resident
Jesse Wallace	Medicine	(L-4) Resident



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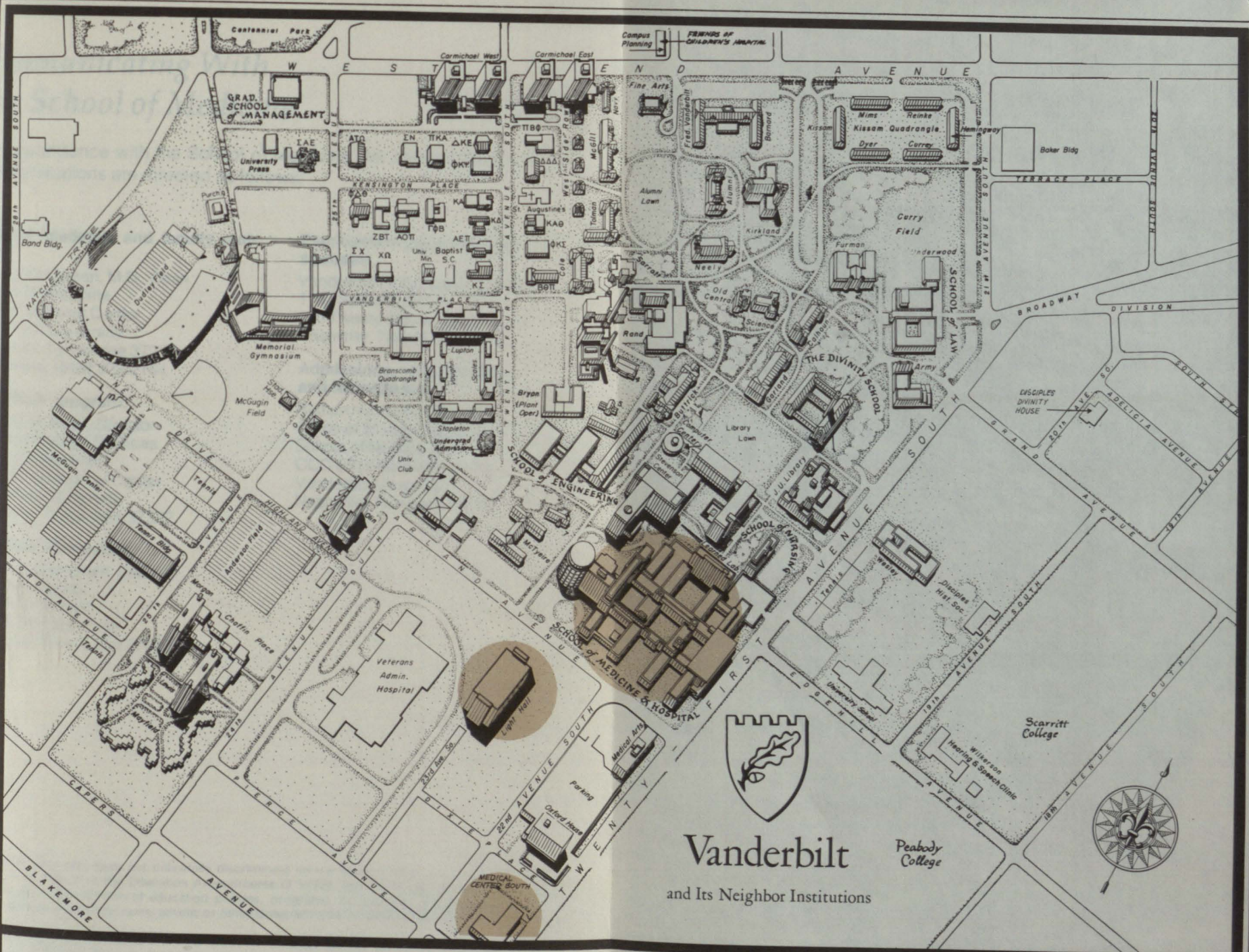
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Vanderbilt
and Its Neighbor Institutions

Peabody College

Scarritt College

