

Catalog 1980-81

Texas College of Osteopathic Medicine



Under the direction of the North Texas State University Board of Regents

Accreditation

The Texas College of Osteopathic Medicine is accredited by the Bureau of Professional Education of the American Osteopathic Association. The Bureau is recognized by the U.S. Office of Education and the Council on Post-Secondary Education as the official accrediting agency for osteopathic medicine. TCOM is approved by the Coordinating Board, Texas College and University System and by the Texas State Board of Medical Examiners. TCOM maintains membership in the American Association of Colleges of Osteopathic Medicine.

It is the policy of Texas College of Osteopathic Medicine not to discriminate on the basis of sex, race, color, religion, age, national origin or handicap in its educational programs, activities, admissions or employment policies.



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The Osteopathic Oath

I do hereby affirm my loyalty to the profession I am about to enter.

I will be mindful always of my great responsibility to preserve the health and the life of my patients, to retain their confidence and respect both as a physician and a friend who will guard their secrets with scrupulous honor and fidelity, to perform faithfully my professional duties, to employ only those recognized methods of treatment consistent with good judgment and with my skill and ability, keeping in mind always nature's laws and the body's inherent capacity for recovery.

I will be ever vigilant in aiding the general welfare of the community, sustaining its laws and institutions, not engaging in those practices which will in any way bring shame or discredit upon myself or my profession. I will give no drugs for deadly purposes to any person, though it be asked of me.

I will endeavor to work in accord with my colleagues in a spirit of progressive cooperation, and never by word or by act cast imputations upon them or their rightful practices.

I will look with respect and esteem upon all those who have taught me my art. To my college I will be loyal and strive always for its best interests and for the interests of the students who will come after me. I will ever be alert to further the application of basic biologic truths to the healing arts and to develop the principles of osteopathic medicine as taught by my profession.

In the presence of this gathering I bind myself to my oath.

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**Calendar
1980-81****Summer Semester**

June 9, 1980

Summer classes begin for Year I students

June 16, 1980

Summer classes begin for Year III students

June 30, 1980

Year I midsemester grades due in Office of Registrar

July 4, 1980

Independence Day holiday

July 14, 1980

Year III midsemester grades due in Office of Registrar

July 16, 1980

Last day of classes for Year I students

July 18, 1980

Final examinations for Year I students

August 8, 1980

Last day of classes for Year III students

August 11-15, 1980

Final examinations for Year III students

Fall Semester

August 18-21, 1980

Orientation for Year I students

August 22, 1980

Registration for all classes

August 25, 1980

First day of classes for Year I and Year II students

September 1, 1980

Labor Day holiday

September 2, 1980

First day of classes for Year III students

September 30, 1980

Midsemester grade reports for Year III students due in office of Registrar

October 17, 1980

Midsemester grade reports for Year I and Year II students due in Office of Registrar

October 23-24, 1980

Administration of Parts I and II, National Board of Examiners for Osteopathic Physicians and Surgeons, Inc.

October 24, 1980

Last day of classes for Year III students

October 27-31, 1980

Final examinations for Year III students

November 3, 1980

Clinical Clerkship rotations begin for Year III students

November 27-28, 1980

Thanksgiving holiday

December 5, 1980

Last day of classes for Year I and Year II students

December 11-22, 1980

Final examinations for Year I and Year II students

December 23, 1980

Fall semester grades due in Office of Registrar

Spring Semester

January 5, 1981

Classes begin for Year I and Year II students

March 3, 1981

Midsemester grade reports for Year I and Year II students due in Office of Registrar

March 16-20, 1981

Spring break for Year I and Year II students

March 19-20, 1981

Administration of Part II, National Board of Examiners for Osteopathic Physicians and Surgeons, Inc.

April 17, 1981

Good Friday holiday

May 15, 1981

Last day of classes for Year I and Year II students

May 15, 1981

Senior Banquet

May 16, 1981

Commencement

May 20-29, 1981

Final examinations for Year I and Year II students

June 2, 1981

Spring semester grades for Year I and Year II students due in Office of Registrar

June 11-12, 1981

Administration of Part I, National Board of Examiners for Osteopathic Physicians and Surgeons, Inc.

The osteopathic concept*

Osteopathic medicine is a philosophy of health care and a distinctive art, supported by expanding scientific knowledge. Its philosophy embraces the concept of the unity of the living organism's structure (anatomy) and function (physiology). Its art is the application of the philosophy in the practice of medicine and surgery in all its branches and specialties. Its science includes the behavioral, chemical, physical and biological knowledge, related to the establishment and maintenance of health as well as the prevention and alleviation of disease.

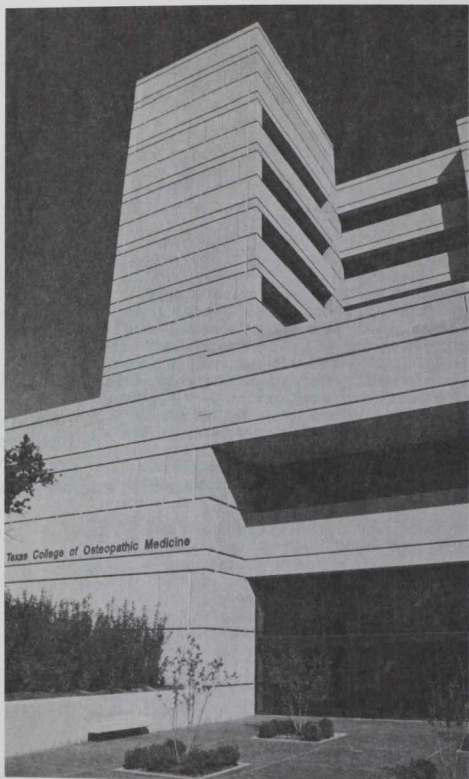
Osteopathic concepts emphasize the following principles:

1. The human body is a unit in which structure (anatomy) and function (physiology) are mutually and reciprocally interdependent.
2. The body, through a complex equilibrical system, tends to be self-regulatory and self-healing in the face of disease processes.
3. Adequate function of body systems depends upon the unimpeded circulatory mechanisms and nerve impulses.
4. A rational treatment regimen is based on this philosophy and these principles.

*Statement adopted by Department of Osteopathic Philosophy, Principles and Practice, February 1978, Texas College of Osteopathic Medicine.

THE COLLEGE

History
Purpose
Location
Facilities and services



1980 marks the 10th anniversary of Texas College of Osteopathic Medicine, and its fifth year as a state institution. Chartered in 1966, TCOM opened in 1970 as a privately funded medical school and, by legislative act, became a state institution in 1975 under the direction of the North Texas State University Board of Regents.

From an entering class of 20 students in the fall of 1970, Texas' only osteopathic medical college has grown to an enrollment of some 310 student-doctors in 1979-80 and from temporary quarters in Fort Worth Osteopathic Hospital to a multi-million dollar campus near Downtown Fort Worth.

The projected maximum enrollment for TCOM is 125 students per class, or 500 students in the four classes. To accommodate the future enrollment, plans are progressing on the college's second major academic facility, Medical Education Building II.

History

It is the aim and purpose of Texas College of Osteopathic Medicine to produce competent osteopathic physicians, thoroughly trained in the tenets and principles of osteopathic medicine. Within the scope of its educational program, the college will directly serve the health needs of those within its reach, while advancing the knowledge and development of the osteopathic contribution to medicine through research programs.

Opportunities for study and development in teaching and scientific investigation are integral parts of the college program.

Purpose

Located in Fort Worth, Texas, TCOM is the city's only medical college. The campus is west of downtown, adjacent to the Fort Worth museum complex which includes the nationally famous Amon Carter Museum of Western Art, Kimbell Art Museum, Fort Worth Museum of Science and History and Fort Worth Art Museum.

With a population of some 400,000, Fort Worth is the county seat for Tarrant County which boasts a population of over 700,000. The city is a cultural,

Location

aerospace, transportation, industrial and educational center. In addition to TCOM, Fort Worth has six colleges and universities with an enrollment of more than 41,000 graduate and undergraduate students.

Forth Worth is located some 25 miles west of Dallas and the two cities are linked by one of the world's largest airports, Dallas-Fort Worth Regional Airport. The DFW Metroplex also boasts numerous recreational areas, and for the sports enthusiast, both collegiate and professional sports are available.

While Fort Worth is metropolitan in all respects, it has maintained the relaxed pace of easy Western living and hospitality. Detailed information on the city is available from the Fort Worth Chamber of Commerce.

Facilities and services

Both academic and administrative facilities of the college are located in the Greater Fort Worth area. The central campus at Camp Bowie Boulevard at Montgomery Street includes the eight-story Medical Education Building I, opened in the fall of 1978 to house academic departments, an ambulatory care clinic, library and administrative offices. Adjacent to Medical Education Building I is the Pathology Building, which houses the Institute of Forensic Medicine.

Plans are underway for Medical Education Building II, a \$15.5 million basic science facility which will be located on the main campus.

Within one mile of the central campus is the River Plaza Campus Center, a modern 38,000 square-foot building which houses several academic departments, the Rehabilitation/Sports Medicine Clinic and the Institute for Human Fitness.

The college operates a number of family practice and specialty clinics under the administration of the Department of General and Family Practice and the various specialty departments. Student physicians in these clinics are directly supervised by fully licensed osteopathic physicians trained in the appropriate areas.

Clinics

Clinics operated by the Department of General and Family Practice include:

Central Family Practice Clinic, Camp Bowie at Montgomery, Fort Worth, serving the western portion of the city, Constance Jenkins, D.O., director;

Northside Family Practice Clinic, 1851 Harrington, Fort Worth, serving a predominantly Mexican-American and Black community, Robert R. Brown, D.O., director;

Riverside Family Practice Clinic, 3100 South Riverside Drive, Fort Worth, in the medically underserved southeast section of the city, Donald M. Peterson, D.O., director;

Godley Family Practice Clinic, 117 Main Street, Godley, serving a rural community some 30 miles southwest of Fort Worth, Eric Williams, D.O., director;

Justin Family Practice Clinic, 310 East Second Street, Justin, serving a rural community northwest of Fort Worth, Gerald P. Flanagan, D.O., director.

The following clinics are operated by specialty departments:

Department of Medicine Clinic

Department of Psychiatry Clinic

Osteopathic Consultants

Rehabilitation/Sports Medicine Clinic

Surgical Associates of Fort Worth

Westside Obstetrical and Gynecological Consultants

Westside Pediatric Consultants

Teaching hospitals

Ten Texas hospitals serve as teaching hospitals and provide 2,000 patient care beds. TCOM's primary teaching hospital is the 200-bed Fort Worth Osteopathic Hospital across the street from the central campus. Serving as teaching hospitals are:

Fort Worth Osteopathic Hospital

Fort Worth, Texas

John H. Deagle, D.O., Director of Clinical Clerk Education

U.S. Air Force Regional Hospital

Carswell Air Force Base, Fort Worth, Texas
Capt. Edward Bryant, M.D., Director of
Medical Education

Grand Prairie Community Hospital

Grand Prairie, Texas
Frank Falbey, D.O., Director of Clinical
Clerk Education
H. R. McDaniel, M.D., Assistant Director of
Clinical Clerk Education

Dallas Osteopathic Hospital

Dallas, Texas
H. Gil King, Ph.D., Director of Clinical Clerk
Education

East Town Osteopathic Hospital

Dallas, Texas
Peggy Yurkon, D.O., Director of Clinical
Clerk Education

Stevens Park Osteopathic Hospital

Dallas, Texas
Martin Lowery, D.O., Director of Clinical Clerk
Education

The University of Texas Health Center at Tyler

Tyler, Texas
Kenwyn Nelson, M.D., Director of Medical
Education

Corpus Christi Osteopathic Hospital

Corpus Christi, Texas
C. R. Cueto, D.O., Director of Clinical Clerk
Education

William Beaumont Army Medical Center

El Paso, Texas
Thomas M. Geer, M.D., Director of Medical
Education

Hurst General Hospital

Hurst, Texas
Russell Martz, D.O., Director of Medical Education

Office of Medical Education

The Office of Medical Education is designed to support curriculum, instructional and evaluation activities within the academic program. This unit exists primarily to organize and provide educational services throughout the college. The general goals of the Office of Medical Education are to stimulate concern for sound educational practices and subsequently to assist in implementing those which are endorsed by the administration and faculty.

Specific activities undertaken by the Office of Medical Education include activities in the areas of curriculum planning and implementation, instructional design and development, audiovisual production and distribution, curriculum and course evaluation, library and learning facilities operation, faculty development, continuing medical education, grant development and computer operations.

At the present time, divisions of the Office of Medical Education include biomedical communications, the medical library, evaluation services, continuing medical education, grants and computer services.

Medical library

The library serves the students, faculty and staff of Texas College of Osteopathic Medicine as well as the medical community of Fort Worth and the surrounding area. Located on the seventh floor of Medical Education Building I, the library occupies approximately 11,000 square feet of space.

Library resources include a bound journal collection of more than 25,000 volumes with current subscriptions to over 2,400 biomedical and allied health journals. The monographic (book) collection numbers 15,500 separate volumes. In addition to print materials, the library also provides a complete learning resource center with individual and group study facilities for use with audiovisual software programs. The software collection is the largest in the state with programs numbering more than 2,000. The total collection of both print and non-print materials currently numbers more than 40,000 volumes. In addition to its

own resource materials, the library has access to the collections of seven Tarrant County medical libraries, eleven Dallas County medical libraries, and the TALON Regional Medical Library Network which provides access to the regional library at the University of Texas Health Science Center at Dallas, and ultimately, the National Library of Medicine, Bethesda, Maryland.

The library provides a complete line of bibliographic information services produced both manually and mechanically through on-line computer data base systems. It serves as the MEDLINE Center for Tarrant County and regions to the west. MEDLINE is a computerized bibliographic file of articles indexed by the National Library of Medicine from over 3,000 biomedical journals. Other bibliographic files for a wide variety of subjects are available on-line through access to the data bases of Lockheed and Systems Development Corporation.

The Learning Resource Center provides computer assisted instruction (CAI) programs from two data bases. Those available are Ohio State University for programs in the basic sciences and Massachusetts General Hospital for programs in the clinical sciences.

Biomedical communications

The Biomedical Communications Division, consisting of medical arts, AV-TV and printing, is an educational service facility which supports development and implementation of the curriculum. The division's primary goal is the design and production of various forms of learning materials for use by the faculty in the classroom or for individual student retrieval in the library.

Staff and facilities are available for the production and distribution of color television programs, color slides and overhead transparencies, audio tapes and original artwork for publications. Scheduling and set-up of AV equipment for classroom use, equipment maintenance and AV systems design are additional functions of the Biomedical Communications Division.

Color television programs can be produced in the TV studio or at remote locations. Classroom display of pre-recorded videotapes is scheduled through the Biomedical Communications Office, while individual viewing of the same programs is a service provided by the library.

Through the combined efforts of faculty and staff from the library and biomedical communications, progress is being made toward the development of self-paced learning programs. Depending upon content, these programs may take the form of slide/tape, videotape, audiotape or printed materials. When completed, they are made available for student use in the library.

Research

Research in progress by TCOM faculty encompasses a wide variety of biomedical topics including inborn errors of metabolism, biomedical markers in lung cancer, hypertension, sickle cell anemia, exercise physiology, enzyme biochemistry, aging and lipid metabolism. A summary of the active research interests of the faculty is available from the Office of Research, Room 262, River Plaza Campus Center.

Research instrumentation is available to the faculty at TCOM in Fort Worth and at North Texas State University in Denton and includes most of the modern instrumentation found in any research center. Auxiliary services include a biomedical repair division, animal care facility and a medical library, which includes a variety of computer-search services.

In addition to the master of science in basic health sciences degree program through NTSU, TCOM researchers work closely with faculty and staff of the Institute of Forensic Medicine and Institute for Human Fitness at the medical school and with the NTSU Center for Studies in Aging. Extramural support for research includes major grants from the National Institutes of Health, American Heart Association, Robert A. Welch Foundation, American Cancer Society, American Osteopathic Association and the Council for Tobacco Research.

Continuing medical education

The Office of Continuing Medical Education has assumed a leadership role in offering continuing medical education to the 1,000 osteopathic physicians practicing in Texas. To provide these services to practitioners throughout the state, both in rural and urban areas, plans have been made for an extensive schedule of seminars on current medical topics for 1980-81. Other services available in addition to these seminars include a CME-accredited audiovisual lending library tailored to the needs of the osteopathic physician. A comprehensive state-wide needs assessment program is carried out in order to determine future continuing education requirements of the medical profession in Texas.

Computer operations

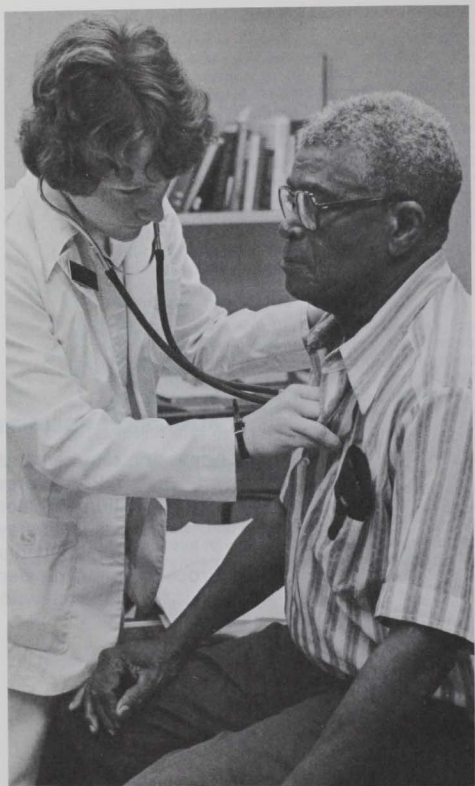
Data processing support is provided to facilitate evaluation, test scoring, research and a variety of reporting activities in administrative and academic areas. Remote-access terminals service such units in the college as medical education, admissions, registrar and financial aid through the maintenance of special data bases.

Evaluation services

Activities supported by this unit include examination scoring, item analysis of individual test questions and course and curriculum evaluation. Consultation is provided to interested college faculty in the design and interpretation of evaluation instruments.

ADMISSION POLICIES

Admission requirements
 Procedures
 Tuition and fees
 Texas residency
 Minority students
Procedures for transfer
 Financial aid



The New Medical College Admissions Test (MCAT) is required of all applicants. The New MCAT must have been taken no later than the fall of the year preceding that for which application is made. The spring MCAT test date is preferred over the fall MCAT test date, as the scores from the fall test may delay the completion of an application.

To be considered for admission to Texas College of Osteopathic Medicine, a candidate must meet the following prerequisites:

Admission requirements

1. New MCAT scores
2. 90 semester hours (or the equivalent number of quarter hours) at an accredited college or university. Most applicants have earned the bachelor's degree by the time they matriculate into medical school.
3. One academic year or its equivalent in English, psychological-social-behavioral sciences, physics, biology, general chemistry and organic chemistry. It is expected that laboratory work will be included in each of the basic sciences.

(Additional course work in the traditional basic sciences, humanities and behavioral sciences is encouraged. The following courses are highly recommended, not so much for application purposes as for survival in the medical school curriculum: comparative anatomy, physiology, microbiology, biochemistry, genetics and embryology.)

4. Minimum overall GPA of 2.5 on a 4.0 scale.* Grades for courses in other professional fields, physical training and vocational courses will not be considered in determining the overall grade point average.
5. Minimum overall GPA in preprofessional science courses of 2.5 on a 4.0 scale. Nonresidents with less than a 3.0 overall GPA are not encouraged to apply.

* However, it should be noted that the average grade point for the previous three entering classes has been well above a 3.0 on a 4.0 scale. In any case, the burden of proof of academic qualification rests with the applicant.

Procedures

Texas College of Osteopathic Medicine is a participant in the American Association of Colleges of Osteopathic Medicine Application Service (AACOMAS). The applicant using AACOMAS must be applying for the first year of study leading to a D.O. degree. Students applying for transfer should request application information from the director of admissions at TCOM.

AACOMAS application cards may be obtained from the TCOM Office of Admissions or from the applicant's pre-med advisor. The applicant completes the card, then mails the card to AACOMAS. Early application is advisable.

AACOMAS will send an application upon receiving the request card. This application must be returned to AACOMAS. The applicant must request that an official transcript from each college or university attended be forwarded to AACOMAS.

The applicant must request that his/her MCAT scores be sent to those schools where he/she is applying, using code number 600 (which is the designated number for all participating osteopathic colleges). AACOMAS will reproduce the application and standardize all transcripts prior to distribution to the osteopathic colleges so designated by the applicant. The applicant will be sent a copy of this standardized application, which should be checked for errors.

If an applicant has changed his/her name, for any reason, and has transcripts under a different name, this should be noted on the AACOMAS application.

The TCOM Admissions Committee will review an application only after the applicant's folder is complete. The application folder must include a completed AACOMAS application, which is forwarded to the college at the request of the applicant, and the following materials, which must be sent directly to TCOM:

1. Completed TCOM Supplemental Application, including a recent photograph. (The Supplemental Application will be requested from those individuals who are considered worthy of further con-

- sideration upon review of the AACOMAS Application.)
2. \$25 non-refundable Supplemental Application fee, made payable to TCOM.
 3. Residence Status Form.
 4. Evaluation and Interview Form from an osteopathic physician not related to applicant by blood or marriage, whom applicant chooses as a reference.
 5. Official Pre-Medical Advisory Committee Evaluation or two letters, one from a biology professor and one from a chemistry professor who are familiar with the applicant's academic work.
 6. Letter of recommendation from most recent employer. (Other letters of recommendation are optional.)

(Items 2-6 will be requested through the Supplemental Application.)

An applicant's acceptance is conditional until a completed official transcript is received by TCOM from each school he/she has attended. All transcripts must be on file prior to matriculation. If an accepted applicant is unable to meet this requirement, he/she must contact the director of admissions.

Physical examination

A physical examination form will be sent to each accepted applicant for completion by his/her physician or, if the applicant chooses, the physical examination may be given by a physician at the TCOM Central Family Practice Clinic in Medical Education Building I. No fee, except for laboratory tests as needed, is charged by the college clinic.

TCOM is in compliance with PL 504. The medical school does not discriminate on the basis of handicap in the recruitment and admission of students, the recruitment and employment of faculty and staff and the operation of any of its programs and activities, as specified by federal laws and regulations. The TCOM director of personnel is the designated coordinator for college compliance of these regulations.

Photocopy Fee for Diploma: \$5 per copy.

Returned Check Service Charge: Any check returned to the college must be redeemed by the person writing the check and a service charge of \$2 paid.

Microscope Fee: \$50 per nine-month academic year (September 1-May 31) for first- and second-year students. Microscopes are used for laboratory instruction in the Departments of Anatomy, Microbiology and Pathology, according to procedures established by these departments.

Health Insurance: If a student does not have other health insurance, he/she is strongly urged to participate in the college student plan offered by Blue Cross/Blue Shield. Single student, \$86.10 payable semi-annually. Student and family, \$304.74 payable semi-annually. Coverage includes maternity benefits. *Group policy rates are subject to change by Blue Cross/Blue Shield.*

Special Examinations: Based upon charge of examining body or agency at the time of the examination.

Tuition, fees and other charges as listed are subject to change by legislative action, legal rulings by the State Attorney General or action of the NTSU Board of Regents.

Tuition refund policy

A tuition refund is based on the date of withdrawal. A request for withdrawal must be submitted to the dean of the college and a withdrawal form signed in the Office of the Registrar. Upon official notification of withdrawal by the registrar, the Business Office will mail the refund to the student's forwarding address in the files of the registrar. (See other withdrawal information elsewhere in this catalog.)

Laboratory fees, late fees and I.D. card fees are not refundable.

By action of the Board of Regents, no part of the fees for tuition can be refunded to students who withdraw, for any cause, after the fourth week from the first day of class in the fall semester. The scale for refunds under the regulations is first week, 80

Tuition and fees

In-state resident: \$300 per nine-month academic year, \$100 per summer semester, \$50 per summer session.

Out-of-state resident: \$900 per nine-month academic year, \$300 per summer semester, \$150 per summer session.

Foreign students: \$900 per nine-month academic year, \$300 per summer semester, \$150 per summer session.

Expenses

Estimated at \$7,500 per nine months for single students, including tuition, fees, books, supplies, room and board, transportation and personal expenses.

Fees

Student Activity Fee: \$60 per nine-month academic year, \$30 per summer semester, \$15 per summer session.

Building Use Fee: \$180 per nine-month academic year, \$45 per summer semester, \$22.50 per summer session.

Property Damage Fee: \$10 (one-time charge). Each student pays the deposit which is refundable by request upon final withdrawal or graduation. If not claimed within four years after last enrollment date, the deposit is non-refundable.

Student Identification Card: \$1. (\$5 additional charge for lost or replaced ID card).

Laboratory Fee: \$25 per academic year for first- and second-year students, \$12.50 per summer session, \$8 for fall semester of third year.

Late Registration Fee: 1st day, \$5; 2nd day, \$7.50; 3rd day, \$10; 4th day, \$12.50; 5th day, \$15; 6th day, \$15.

Other charges:

Graduation Fees: \$30 (one-time charge), levied at the beginning of the fourth academic year. (Arrangements for regalia, for which there is an additional fee, will be made through the college.)

Transcript Fee: \$2 per copy. (First TCOM transcript is free.)

percent; second week, 60 percent; third week, 40 percent; fourth week, 20 percent.

For those students registered for summer sessions, an 80 percent refund will be given the first week after registration. No refunds can be given after that time.

Texas residency **Requirements for establishing Texas residency**

The rules and regulations for determining resident status are set forth by the Coordinating Board, Texas College and University System. Questions regarding these requirements should be referred to the TCOM director of admissions or registrar.

Non-resident students

Texas residents are given preference by State of Texas legislative mandate. Only a few outstanding non-resident applicants will be considered for admission. Preference will be given to those applicants from the south and southwest regions of the United States.

Foreign students

An alien living in the United States under a visa permitting permanent residence, or one who has filed with the proper federal authorities a declaration of intention to become a citizen, has the same privilege of qualifying for Texas residency status for tuition purposes as has a citizen of the United States.

Minority students

Qualified minority students are actively recruited and encouraged to apply to TCOM. Academic enrichment courses, special tutoring and counseling are available if needed.

Students enrolled in other osteopathic and non-osteopathic medical colleges may request transfer to TCOM. In general, approved transfers into the academic program will be limited in number and the primary entrance into TCOM is through its regular admissions program.

Applications for transfer will be evaluated on an individual basis and exceptional circumstances will be given careful consideration. However, the following guidelines will apply:

A. Preference will be given to students from colleges of osteopathic medicine approved by the American Osteopathic Association. Approval for transfer of students from non-osteopathic medical schools is limited to individuals who demonstrate specific understanding of and dedication to the philosophy, principles and practice of osteopathic medicine.

B. Preference will be given to students of Texas residence and/or those who demonstrate an intention to practice in the State of Texas.

C. Review of individual applications will be restricted to those persons who are certified to be in good academic standing at the institution formerly attended.

D. Transfer must be made no later than the beginning of the third academic year at TCOM. Applicants for transfer should have completed the preclinical portion of their programs and should have successfully completed at the time of transfer Part I of the examination administered by the National Board of Examiners for Osteopathic Physicians and Surgeons, Inc. Except under unusual circumstances, transfer should take place only at the beginning of an academic term. Students must complete a minimum of two academic years in residence at TCOM.

An applicant for transfer must present a completed application for transfer and a written recommendation from the dean of the institution from which transfer is requested. Official academic transcripts from all previously attended colleges and universities must be provided. A personal interview is required.

Procedures for transfer

Osteopathic Medical Association, 512 Bailey Avenue, Fort Worth, Texas 76107.

Texas Osteopathic Medical Association Scholarships: TOMA awards a \$1,000 Phil R. Russell Scholarship and three \$750 Texas Osteopathic Medical Association Scholarships to entering students. Applicants may contact Tex Roberts, Executive Director, Texas Osteopathic Medical Association, 512 Bailey Avenue, Fort Worth, Texas 76107.

R. C. McCaughan Scholarships: A \$400 scholarship is granted annually to one student in each osteopathic college from the R. C. McCaughan Education Fund of the National Osteopathic Foundation. Selection, based on outstanding capabilities and strong motivation in osteopathic philosophy exhibited during the first year, is made at TCOM by the dean upon recommendation from the college Scholarship Committee.

Alumni Association Scholarship: Six \$500 scholarships are awarded annually by the Alumni Association of TCOM to student-doctors who plan to practice in Texas. Recipients, who may represent any of the four classes, are selected by the Scholarship Committee of the Alumni Association based on scholarship, financial need and college activities. Apply through Office of Financial Aid.

H. E. Sharp Scholarship: \$500 annual scholarship is awarded to a member of the second-, third- or fourth-year class of the college. The recipient must be a native Texan with a strong academic background who plans to practice in Texas.

Ralph H. Peterson, D.O. Scholarship: A \$1,000 scholarship is awarded to an outstanding second-year student who is a Texas resident and plans to enter general or family practice in Texas.

Susie B. Neel Scholarship: Scholarships of \$100 per month (up to \$1,000 per student) are awarded to fourth-year students who plan to enter general or family practice in West Texas. Applicants must have academic and leadership abilities, as reported by supervisors in their clinical rotations.

Armed Forces Health Professions Scholarship Program: To qualify, a student must be enrolled in a

Financial Aid

A number of sources are available to help students meet the costs of their medical education. Students requiring financial assistance should direct inquiries to the TCOM Financial Aid Office. Students who are applying for assistance through the Financial Aid Office must complete a needs analysis (the Graduate and Professional School Financial Aid Service), which will be mailed upon request.

In addition to the following programs, many states and state osteopathic associations have loans or scholarships available to their residents. New scholarships become available from time to time. For information, a student may contact the Financial Aid Office or the appropriate state agency.

Financial counseling

Counseling is available in the Financial Aid Office for any type of financial problem that a student might have. If the answer to a problem is not readily obtainable, every effort will be made to find the solution.

Scholarships

Auxiliary to American Osteopathic Association: The Auxiliary to the American Osteopathic Association has announced a total of 20 scholarships to be awarded nationally, on the basis of competitive financial need, scholarship, motivation and personality, to qualified applicants accepted for admission to osteopathic colleges. Eligibility is limited to entering students who have a grade point average of at least 2.75 on a 4.0 scale. Information and application forms may be obtained from the TCOM Financial Aid Office. Application deadline is May 1.

Wayne O. Stockseth Scholarship: Two scholarships, one of \$1,750 and one of \$1,250, are awarded to junior students who were residents of Texas prior to matriculation at TCOM and who plan a primary care practice in South Texas. Recipients must have demonstrated scholastic ability and financial need. For information and application contact Texas

class or accepted for the next entering class of a college of medicine, D.O. or M.D., in the United States or Canada, be a citizen of the United States, be of good moral character and be physically qualified for a commission. Selected participants will have all of their normal educational expenses (tuition, fees, books, etc.) defrayed by the government and also will receive approximately \$5,820 a year. The student incurs a service obligation of one year of active commissioned service for each year of scholarship participation, or a minimum of three years. For further information concerning the Armed Forces Health Professions Scholarship Program, contact:

United States Army
Medical Recruiting Office
Federal Building, 1110 Commerce Street
Room 9C23
Dallas, Texas 75202

United States Navy
Medical Programs Officer
918 South Ervay
Dallas, Texas 75201

United States Air Force
350th USAF Recruiting Group
2621 Avenue E, East, Suite 217 MPR
Arlington, Texas 76011

National Health Service Corps Scholarships: A \$485 monthly stipend is provided for student living expenses, plus an additional amount for all other reasonable educational expenses, plus payment to the school of tuition and required fees. Recipients are obligated to serve one year in the fulltime clinical practice of their profession assigned to designated health manpower shortage areas for each year of scholarship support with a minimum of two years obligation. Contact:

NHSC Scholarship Program
Center Building, Rm. 5-44
3700 East-West Highway
Hyattsville, Maryland 20782
24-hour toll free phone: (800) 638-0824

Loan programs

Guaranteed Student Loan Program: Long-term loans up to \$5,000 per year at seven percent interest, with interest subsidy through the federal government, are made by banks, savings and loan associations and credit unions with the amount controlled by the lending agency after recommendation by the college.

Hinson-Hazlewood Student Loan Program (Texas Opportunity Plan): Loans for \$5,000 per academic year with a total for academic career not exceeding \$15,000 are available. The interest rate is not more than seven percent per year, with interest subsidy through the federal government.

State Rural Medical Education Board: The State Rural Medical Education Board will make loans to students who agree to practice in a rural area in the State of Texas and thereby have portions, or all of their loans cancelled. The loans will be made for varying amounts and may be disbursed to the student in lump sum, by the semester or by the month. The promissory note is incorporated into a contract which the student must sign, agreeing to practice in a county of 25,000 population or less. Applications and a copy of the contract are available in the TCOM Financial Aid Office.

National Direct Student Loan Program: Long-term loans are administered through the TCOM Financial Aid Office, with a maximum of \$10,000 per academic career based on satisfactory progress and financial need. The interest of three percent commences nine months after graduation, the beginning of the repayment period. Loans may be paid back over a 10-year period.

Health Professions Student Loan Program: Long-term loans with a maximum of \$2,500 plus tuition per academic year are available to students with exceptional financial need. The interest rate is seven percent beginning one year after the student is no longer in school. Portions of these loans possibly can be paid by the federal government under a contract to practice in a physician-shortage area.

American Osteopathic Association Loan Fund (National Osteopathic Foundation): Applicants will be

SCHOLASTIC REGULATIONS

Student responsibilities

Registration

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considered by the TCOM Scholarship Committee and referred with the committee's recommendation to the Student Loan Committee of the American Osteopathic Association. Financial need is the most important single factor in determining eligibility for this loan. Loans are restricted to third- and fourth-year students. The maximum to any student is \$1,000 per year, with a \$2,000 total.

Emergency Loan Fund: This short-term loan fund is administered by the Financial Aid Office for students enrolled in the college who need immediate help to meet any unanticipated expenses. Loans are interest-free for 60 days, at which time the interest accrues at 1 percent per month until the loan is paid in full.

Emergency Relief Fund: The short-term loan program is funded by the Texas Osteopathic Medical Association and administered through the TCOM Financial Aid Office for students in need of immediate help.

Students' Associate Auxiliary Loan Fund: This fund provides for loans of up to \$300 for short-term emergency situations and is available only to spouses of SAA members.

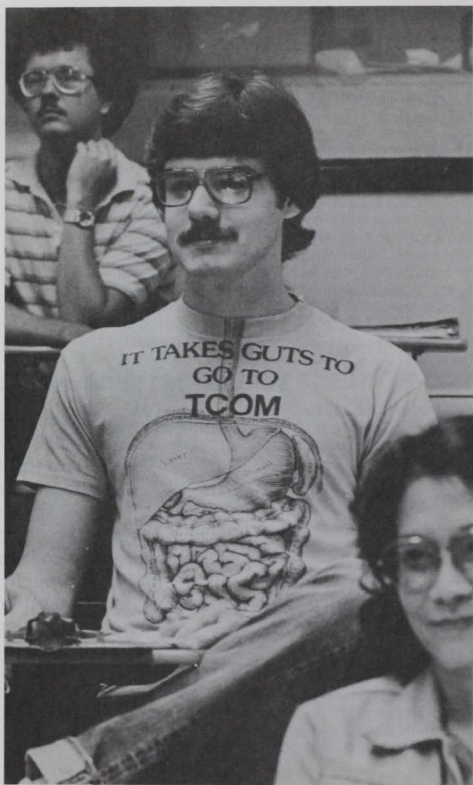
M. Vernon Morgan Student Loan Fund: Funded by Mr. and Mrs. W. J. Swaim and Miss Emma May, loans are awarded for a maximum of \$500 to students in extreme need.

Joe J. Rady Loan Fund: Loans for fourth-year students with unexpected financial need are funded by Joe J. Rady.

Etta O. Newby Loan Fund: Residents of the State of Texas who are without adequate means but who are ambitious to equip themselves for professional pursuits qualify for loans from this fund. The amount is limited to \$1,000 per student per year with repayment commencing one year after a student graduates.

Veterans benefits

Veterans whose benefits have expired are eligible for tuition fee waivers under the Hazlewood Act. A Veterans Administration loan program also is available. Contact Veterans' Affairs in the Office of the Registrar at TCOM.



A student may meet the graduation requirements listed in the catalog in effect at the time of his/her initial enrollment provided these requirements are met no later than six years from the date of the catalog selected. This 1980-81 catalog will expire August 21, 1981. Interpretation or explanation contrary to the regulations published herein shall not be binding upon the college.

Each student enrolled in the college is individually responsible for knowledge of the current scholastic regulations, the general and specific requirements and the operational policies which apply to registration and instruction.

Student responsibilities

Registration is conducted annually at TCOM for the first-, second- and third-year students in late August. Fourth-year students register by mail during the month of August.

Registration consists of paying tuition and fees and completing registration forms for the Office of the Registrar, Financial Aid Office and Student Services Office.

Late registration fees are assessed for each day following the designated date of registration. A check returned because of insufficient funds will incur a penalty and also may result in a late registration charge.

Registration

Transcripts

The term "academic transcript" refers to a copy of the official permanent record of a student's approved academic course work, including academic marks, scholarship and degrees. At the student's request, a class rank may be shown on the transcript. In order to obtain an official academic transcript, a signed and dated "release of information" form must be completed by the student and filed with the registrar. Any transcript provided directly to a student must be regarded as unofficial. In order to be regarded as an

Records

official academic record, the transcript must be mailed directly from the Office of the Registrar to the receiving institution.

A student may obtain a copy of his/her transcript by submitting a written request to the Office of the Registrar. The first copy of the TCOM transcript is free. A \$2 fee is charged thereafter for each official transcript. A \$1 fee is charged for each copy of an undergraduate transcript in a student's file.

Acts of the 61st Texas Legislature, Chapter 675, 1969 Regular Session, provide legal penalties for any alteration of academic records or transcripts with the intent to use such a document fraudulently. A person who violates this act or who aids another in violating this act is guilty of a misdemeanor and upon conviction is punishable by a fine of not more than \$1,000 and/or confinement in the county jail for a period not to exceed one year.

Accessibility of student records

Pursuant to the Family Educational Rights and Privacy Act of 1974, also known as the "Buckley Amendment," the college will make the student's records available upon his/her written request, with the exception that confidential letters of evaluation and recommendation written prior to January 1975 may not be provided. Request forms for the release of student records are available in the Office of the Registrar.

Information and records for TCOM students will not be released without written consent from the student. Grades and other academic evaluations will be made available to the dean of the college and other administrative personnel as the dean may direct in order to carry out administrative and academic responsibility of the college.

A Student Packet will be provided which contains privacy act forms and a list of academic offices where the appropriate records are kept.

TCOM expects 100 percent attendance of all students at all lectures, laboratories and clinical assignments. There are no excused absences. It is recognized that there may be isolated instances when an individual must be absent; however, the student who misses a class is not excused from the subject materials presented during the lecture or laboratory period.

No makeup laboratories will be conducted. In the rare event of absence from an examination, written permission to take a makeup examination must be obtained from the assistant dean of basic sciences or assistant dean of clinical affairs and the department chairman. It is essential that each student make every effort not to miss any examination.

As professional persons, students are expected to adhere to this attendance policy with diligence.

Attendance

Grade Point Average

The semester grade point average and cumulative grade point average, based on a 4.0 scale, are calculated by dividing the total number of grade points earned by the total number of semester hours attempted. (See remediated grades, page 36.)

A system of letter grades is used to indicate the quality of the academic work of each student as follows:

A = 4 grade points

B = 3 grade points

C = 2 grade points

D = 1 grade point

F = 0 grade points

I (Incomplete)

W (Withdrawal)

P (Passed by examination or prior service)

Grades

Incomplete grades

At the end of a semester, a grade of "I" (Incomplete) may be assigned, in exceptional circumstances, by the instructor. The work which was in-

complete must be completed within one calendar year from the end of the semester in which the incomplete grade was assigned. An incomplete grade becomes an "F" after one year if the work is not satisfactorily completed.

Semester grades

Grades for each course will be assigned at the end of a semester and reported to the registrar at the time specified in the college calendar. No course extends over two semesters and no grades may be carried from one semester to another.

Grades are mailed to a student at the end of each semester. The semester grade report includes grades for the present academic term as well as the cumulative grade point average earned throughout the academic program. Midsemester grades are reported to the registrar and mailed to each student.

Grades will not be released over the telephone and will be kept in confidence.

Remediated grades

When a course is repeated, the original grade is slashed on the academic transcript and an asterisk is placed to indicate that the course has been repeated. Entries for the repeated course and the remediated grades are shown elsewhere on the transcript with "repeated" in parentheses beside the course title. When a course is repeated, the last grade recorded on the transcript will be regarded as the official grade and will be used for calculation of the grade point average.

Academic standing Promotion

Advancement in the academic program is based upon satisfactory completion of all academic requirements and recommendation of the Student Academic Promotion Committee. Committee review of the reasons for academic deficiencies shall be mandatory for any student whose grade point aver-

age falls below a 2.0 or who receives one or more "F" grades for a semester. No student may be advanced to the next term until he/she has satisfied all legal and financial requirements of the college.

Promotion to the third year includes the requirement of completion of Part I of the examination administered by the National Board of Examiners for Osteopathic Physicians and Surgeons, Inc.

Recommendation for graduation will not be made for any student whose cumulative grade point average falls below a 2.0 or who continues to have one or more unremediated "F" grades on his/her academic transcript.

Academic probation

Each student must meet the minimum standard of achievement, set by the college, at the end of each semester in order to remain in good academic standing. A student will be placed on academic probation if he/she has a semester or cumulative grade point average of less than 2.0 or if an "F" grade is received in any course. A student may also be placed on probation or continued on probation in subsequent semesters in which an "F" grade is not successfully remediated. Academic standing is reviewed by the Student Academic Promotion Committee at the end of each semester and academic probation or other actions may be recommended for students whose performance falls below the academic, ethical, professional and personal standards established by the college.

Academic probation should be regarded as a serious matter and is official notice to the student that the quality of his/her performance during the probationary period must improve in order to remain eligible to continue in the college. Any student who fails to improve his/her performance in the areas identified by the Student Academic Promotion Committee during the probationary period may be continued on probation, asked to withdraw or dismissed from the college.

Advanced placement

A student may be considered for advanced placement or waiver in a particular course if he/she has completed comparable academic work and/or has successfully completed a waiver examination administered by the instructor of the course. Any student requesting advanced placement or waiver in a course by examination should direct his/her request to the appropriate department chairman and instructor.

Requests for advanced placement or waiver should be considered first at the instructor and department level and should be forwarded with departmental recommendations to the associate dean of medical education. Such requests, accompanied by the recommendations of the department, will be reviewed in the Office of Medical Education and must be approved by the dean of the college, or his designate, before they are considered official. Any student who has submitted such a request must attend all regularly scheduled classes and laboratory sessions and complete all examinations in the class until advanced standing or waiver is confirmed by the course instructor and the dean.

It should be understood that primary responsibility for evaluation of requests for advanced placement or waiver rests with the academic department concerned. The recommendation of the department chairman will be significant; however, final approval of these requests must be received from the Office of the Dean prior to implementation.

Copies of requests for advanced placement or waiver and correspondence related to these requests should be provided to the registrar.

The decision regarding a request for advanced standing will be confirmed in writing to the student by the dean, who will instruct the registrar, if advanced standing is granted, to record on the student's transcript the letter "P" to indicate that a course has been passed by examination or prior service. Courses to which the letter "P" are assigned will not contribute to a student's grade point average.

Academic honors

Academic honors are awarded to those students who demonstrate academic excellence throughout the program at TCOM. A degree candidate will be graduated summa cum laude if his/her cumulative grade point average for the four years is 3.9 to 4.0; magna cum laude, 3.81 to 3.89; and cum laude, 3.50 to 3.80. All academic honors are announced at graduation and are recorded on the student's permanent record.

Withdrawal

Application for voluntary withdrawal from the college must be made in writing to the dean of the college. Except in rare and special circumstances, the application will be accompanied by a personal interview. Every effort should be made to assure that no misunderstandings or errors occur in the withdrawal process.

In addition, students must report to the Registrar's Office to sign a withdrawal form before they can officially withdraw from the college. Students who do not complete this application for voluntary withdrawal will not be entitled to an honorable withdrawal, and consequently will not be considered for readmission at a later date.

Readmission following the withdrawal procedure is not assured unless it is a part of the final decision and/or agreement made by the dean and the withdrawing student. This final decision and/or agreement must be in writing so that it is clear to all parties involved.

Dismissal

Students may be dismissed by the college for failure to (1) show satisfactory scholastic progress or potential and/or (2) exhibit integrity, honesty, moral character and/or professional potential expected of

Withdrawal and dismissal

an osteopathic student. It should be clearly understood that the college, after due consideration and process, reserves the right to require the withdrawal of any student at any time prior to graduation if circumstances of a legal, moral, ethical, health or academic nature justify such an action.

Auditing

Students at TCOM may audit a class if they have obtained permission from the dean of the college and have paid all tuition and fees. These students will be expected to meet all classes and take examinations unless prior arrangements have been made with the course instructor. No grades will be given for classes audited, but these courses will be shown on the academic transcript.



No student may be exempt from taking final examinations. In addition, no final examination may be given early or late, except in the case of unusual circumstances acceptable to the instructor and the dean of the college. Each case of this type will be considered on its individual merits.

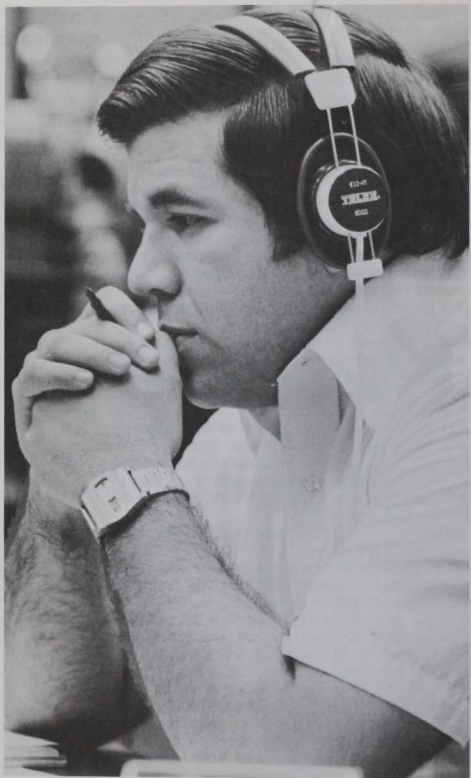
Final examinations

Requirements for graduation

Graduation

A student who has satisfactorily completed all academic requirements and who has been recommended by the faculty of TCOM may be awarded the degree doctor of osteopathy (D.O.), provided he/she is of good moral character and that he/she:

1. has maintained at least a 2.0 grade point average, has no unremediated "F" grades and no grades of "I";
2. is at least 21 years of age;
3. has been in residence for four academic years at an accredited college of osteopathic medicine or college of medicine, the last two years of which must have been at TCOM;
4. has completed Part I and Part II of the examination administered by the National Board of Examiners for Osteopathic Physicians and Surgeons, Inc. Individuals scoring unsatisfactorily on Part I or Part II will be reviewed by the Student Academic Promotion Committee;
5. has complied with all legal and financial requirements of the college;
6. has exhibited the ethical, professional and personal characteristics necessary for the practice of osteopathic medicine;
7. attends the commencement at which the degree is to be awarded; (Only in unusual circumstances, and with approval of the dean, will a degree be awarded in absentia.)
8. has completed a Clearance Check Form from the Office of the Registrar. This form, which must be returned to the registrar prior to graduation, is placed with the student's permanent record and serves as his/her final clearance from campus.



CURRICULUM

Curriculum description
Program of instruction
Curriculum development
Curriculum
Course of study



The curriculum at Texas College of Osteopathic Medicine is a four-year program leading to the doctor of osteopathy degree.

Semesters 1 and 2 of the first year are devoted primarily to instruction in the pre-clinical sciences. However, during the same period, an introduction is made to the clinical sciences through the Departments of General and Family Practice and Osteopathic Philosophy, Principles and Practice.

The following three terms, Semester 3-5, are periods of study increasingly devoted to didactic instruction in the clinical sciences in preparation for the clinical clerkship rotations and preceptorships which follow. Semester 5 courses are divided between summer and fall terms of nine weeks each.

The final months of the curriculum are devoted to clinical clerkship rotations, preceptorship assignments and further studies in both pre-clinical and clinical sciences. During Semesters 6, 7 and 8, each student rotates through a series of preceptorships, clinic and hospital clerkships for a 15-month period. These rotations, units of four weeks each, are scheduled primarily in physicians' offices, college clinics and teaching hospitals of the college located in or near the Fort Worth/Dallas area.

Semester 8 also includes additional clinical and classroom activities which are designed to round out each student's preparation for graduation. During this final semester each student will attend a specially designed program of short courses and clinical seminars which are held on campus. Topics addressed in this program are selected according to the educational needs of each student as determined in the months just prior to graduation.

The instructional program of TCOM utilizes a variety of teaching methods and settings in order to prepare each student adequately in the diverse areas of osteopathic medical knowledge and clinical skills which comprise the curriculum.

While much of the instruction in the first five se-

Curriculum description

Program of instruction

mesters takes place in the familiar classroom setting, there is an increasing effort to augment classroom lectures with other teaching methods. Numerous opportunities are provided for laboratory instruction in the pre-clinical sciences. Techniques being developed in the clinical sciences involve the use of small-group teaching, audiovisual media, computer-assisted instruction and simulated clinical experiences.

Students are placed in clinics, hospitals and physicians' offices early in the curriculum so that the transition from classroom to clinical setting is a progression rather than an abrupt transition. By the final three semesters of the curriculum, these clinical settings dominate the instructional program.

Curriculum Development

The faculty, administration and staff at TCOM are dedicated to the principles of academic excellence and constantly strive to improve the quality of the educational program. It is intended that each student will develop skills in self-learning and self-evaluation which will serve well during any periods of formal medical education and throughout a professional career. Emphasis is placed on learning activities which assist each student to interact effectively with peers and to promote cooperative relationships with others in the health professions. Central to all the educational activities in the curriculum is the goal of teaching critical thinking and in assisting each student to develop logical skills of clinical problem solving.

The administration and faculty have committed themselves to progressively revising the undergraduate curriculum and teaching in such a manner and direction as to increase the probability that the graduating physicians will more and more transfer the emphasis of their clinical efforts. . .

- from therapy to prevention; from remedial medicine to prophylactic medicine;
- from late stage disease to early departure from health;

- from pathologic medicine to physiologic medicine, the objective of which is to help the individual achieve, and continue on, his or her best physiologic path;
- from treating disease to teaching healthful living, especially by example;
- from intervention in biologic processes to seeking their optimal operation by improving "the conditions under which they operate";
- from focus on parts of the body to the total person, as the context in which the parts operate;
- from the physician to the patient as the source of health and the agent of cure, the physician's objective being to support and disencumber the natural processes of homeostasis, healing and recovery, thus placing the patient in command of his situation;
- from preoccupation with disease processes to concern about disease origins, from causes of disease to the factors that permit them to become causes;
- from specificity and multiplicity of disease to susceptibility to illness in general;
- from acute crisis and episodic treatment to long-term care;
- from addressing acute episodic problems in isolation to dealing with them in the context of the total life and health status of the patient;
- from an emphasis on depersonalized technology to a heightened awareness of human values and individual uniqueness.

The proposed "transfer of emphasis" is intended to be precisely that, and not the abandonment of one kind of clinical objective and effort for another. In the face of existing and accumulating disease and disablement, it will continue to be necessary to prepare students adequately for "acute, crisis and episodic" care as well as for prevention; for recognition of the occasional need for "intervention in biologic processes" as well as for improved operating circumstances; and for differential diagnosis and appropriate treatment of victims of specific illnesses as well as "susceptibility to illness in general."

It is expected that from all these efforts—involving the contributions of every department, office and committee—will soon emerge preliminary plans for the progressive implementation of these goals. Implementation will include fundamental changes in curricular design and in teaching-learning processes; in the composition and roles of the faculty; in student selection; in educational facilities and resources; and, therefore, in the perspectives and professional qualifications of TCOM graduates. It is believed that this will be a major step toward meeting the health needs of the State of Texas and of the nation.



Curriculum*

Year 1 — Semester 1

Gross Anatomy
 Biochemical Principles and Metabolism
 Embryology
 Histology
 Introduction to Osteopathic Philosophy and Principles
 Introduction to Patient Care
 Clinical Selectives

Year 1 — Semester 2

Gross Anatomy
 Clinical Biochemistry
 Genetics
 Agents of Infectious Disease
 Basic and Clinical Immunology
 Neurobiology
 Fundamentals of Osteopathic Medicine
 Medical Physiology
 Physical Examination
 Clinical Selectives

Year 2 — Semester 3

Medical Microbiology
 Expanding Concepts of Osteopathic Medicine with Applications
 Basic Pathology
 Introduction to Pharmacology
 Medical Physiology
 Principles of Psychiatry I
 Principles of Radiology
 Data Gathering

Year 2 — Semester 4

Medicine/Surgery
 Expanding Concepts of Osteopathic Medicine with Applications
 Systemic Pathology
 Normal Obstetrics
 General Practice Preceptorship

Clinical Selectives
 General Pharmacology
 Principles of Radiology
 Rehabilitation/Sports Medicine
 Principles of Psychiatry II
 Public Health

Year 3 — Semester 5**Summer Semester**

Ophthalmology
 Anesthesiology
 Otorhinolaryngology
 Pediatrics
 Medical Jurisprudence
 Dermatology
 General Practice Preceptorship

Fall Semester

Abnormal Obstetrics and Gynecology
 Medicine/Surgery

Year 3 — Semester 6 and**Year 4 — Semester 7**

Core Clerkships
 Ambulatory Care Clinics
 Medicine
 Surgery
 Pulmonary Medicine
 General Practice Junior Partnership
 Pediatrics
 Obstetrics and Gynecology
 Mental Health
 Emergency Medicine
 Elective Clerkships

Year 4 — Semester 8

Elective Clerkships
 Eighth Semester Program

*As of April 1, 1980

Course of study

One semester hour equals either 1 lecture hour or 2-3 laboratory hours per week.

A course which is approved for 1 semester hour is scheduled for either 1 lecture hour per week or 2-3 laboratory hours per week. Determination of the appropriate credit hour distribution for each course is made by the Curriculum Committee after consideration of the credit hour distribution recommended by the course instructor and the department.

The three digits of a course number assist in identifying the type of course, course series and semester taught. A first number 5 refers to courses in the basic sciences division; 6 indicates clinical sciences, including pathology; 7 is a required clinical clerkship rotation; 8, an elective clerkship rotation; and 9, a special course. The second digit indicates course series. If a course is divided into two semesters, the second digit will be the same for each course. (For example, Gross Anatomy 511 and 512.). The third digit indicates the semester the course is taught, beginning with 1 for the first semester of the first year to 15 for the first semester of the third year. An exception to this is clinic clerkship rotations, which begin with 7 or 8 and are numbered sequentially.

Several of the courses listed are taught cooperatively by faculty from several departments. Interdepartmental teaching is encouraged in all phases of the curriculum where appropriate.

Department of Anatomy

Faculty: Schunder, chairperson; Aschenbrenner, Carnes, Croley, Miller, Orr, Rudick, Wordinger.

Adjunct Faculty: Jacobs.

511. Gross Anatomy. Dissection and detailed study of the gross morphological features of the human body are covered in laboratory sessions. Lectures follow the regions dissected in laboratory with emphasis on clinically important aspects of anatomy, embryology, structural relations and general morphology of the systems. Areas covered are the back, upper extremities, head and neck and thorax. 6 semester hours, first year, semester 1.

512. Gross Anatomy. Course description same as Anatomy 511. Areas covered are abdomen, pelvis, perineum and lower extremities. 4 semester hours, first year, semester 2.

521. Histology. Principles of cellular and molecular biology, and a histological study of cells, tissues and organs of the human body. 5 semester hours, first year, semester 1.

532. Neurobiology. Neuroanatomy and neurophysiology,

gross and fine structural study of the central and peripheral nervous system. Dissection of whole human brains. Coordinated lecture and laboratory program stressing normal structure and physiology of nervous system. Clinical case presentations are used to supplement classroom instruction. 4 semester hours, first year, semester 2.

541. Embryology. Principles of development of the human embryo. Emphasis is on the development of organs and organ systems. 2 semester hours, first year, semester 1.

552. Genetics. Principles of genetics of human disease with special emphasis on genetic counseling, chromosomal abnormalities, Mendelian genetics and polygenic disorders. 1 semester hour, first year, semester 2.

900. Directed Studies in Anatomy. Individually arranged program of special studies in anatomy.

Department of Anesthesiology

Faculty: P. Stern, chairman; Gallehugh, Kahn.

Clinical Faculty: Kebebjian, Kelso, Leech, S. Stern, Neisler, Paulet, Ponitz, Speece, Winn.

615. Principles of Anesthesiology. The scientific basis and fundamentals of anesthesiology practice are presented by lecture, demonstration and the use of audiovisual materials. The course goals are to equip the student with sufficient information to analyze the patient's physiologic and pathologic status and to anticipate the likely effects of anesthesia on the patient. 1

semester hour, third year, semester 5 (summer).

811. Clinical Clerkship in Anesthesiology. An elective four-week rotation in anesthesiology at an affiliated hospital. 4 semester hours.

900. Directed Studies in Anesthesiology. Individually arranged program of special studies in anesthesiology.

Department of Biochemistry

Faculty: Gracy, Chairman; B. Harris, Norton, C. Skinner, Jacobson, Kaman, Lacko, Tai, Masaracchia, Kester, Hall.

Adjunct Faculty: R. Thompson.

511. Biochemical Principles and Metabolism. An introduction to the chemical structures of biological molecules and survey of intermediary metabolism. 5 semester hours, first year, semester 1.

512. Clinical Biochemistry. A study of the biochemistry involved in the laboratory diagnosis of disease. Includes

laboratory testing of normal and pathological specimens and correlative study of the clinical expression of biochemical disorders. 4 semester hours, first year, semester 2.

900. Directed Studies in Biochemistry. Individually arranged program of special studies in biochemistry.

Department of Dermatology

Faculty: Chairman to be appointed.

Clinical Faculty: P. Giles, Maberry, McCluer, T. Shields, Walsh.

615. Dermatology. Diagnosis and treatment of diseases of the skin. 1 semester hour, third year, semester 5 (summer).

812. Clinical Clerkship in Dermatology. An elective four-

week rotation in dermatology. 4 semester hours.

900. Directed Studies in Dermatology. Individually arranged program of special studies in dermatology.

Division of Emergency Medicine*

Faculty: Grate, director; Deagle, Papa, Taylor.

703. Core Clinical Clerkship in Emergency Medicine. A required four-week rotation in emergency medicine. 4 semester hours.

803. Clinical Clerkship in Emergency Medicine. An elective four-week rotation in emergency medicine. 4 semester hours.

900. Directed Studies in Emergency Medicine. Individually arranged program of special studies in emergency medicine.

*The North Texas State University Board of Regents has authorized the administration of TCOM to seek approval from the Coordinating Board, Texas College and University System for a Department of Emergency Medicine.

Department of General and Family Practice

Faculty: Bunnell, chairman; Baldwin, R. Brown, Falbey, Flanagan, Gamber, C. Jenkins, Kmetz, Peterson, Urban, Williams, Zachary.

Clinical Faculty: Everett, Sharp, Beiser, Bernstein, D. Beyer, Bull, Carter, Coleman, Collop, Cowling, Haberer, Holliday, Lang, Linton, Monte, Padget, Polasky, Puryear, Rhodes, Saperstein, Whittle, Widerman, Young, Brant, Burns, Butts, Cuniff, Earp, A. Faigin, N. Faigin, F. Giles, W. Giles, Graham, Hames, Heaver, Hinshaw, Hopkins, Irvin, Kincheloe, Maul, Maynard, J. McLaughlin, Medina, Nobles, Peyton, Porter, Ray, Russell, R. Shields, Skufca, Sparks, Strzinek, Jeffrey Thompson, John Thompson, Wargo, Whitman.

611. Introduction to Patient Care. Designed to introduce the first-year student to concepts of health, nutrition and the life cycle as well as to improve his/her communication skills. Introduces common and emergency clinical conditions. This course includes Basic Cardiopulmonary Resuscitation. 2 semester hours, first year, semester 1.

622. Physical Examination. Combined lecture, discussions and small group practical experience designed to teach the student the skills necessary to perform a physical examination. EENT, cardiovascular, thoracic, abdominal, neurological, musculoskeletal, mental, male and female genital exams on mannequins, simulated patients or fellow students. Normal findings are stressed. Course also includes an introduction to

medical history. 2 semester hours, first year, semester 2.

634. General Practice Preceptorship. An eight-week preceptorship during the second year in which the student spends one afternoon a week in the office of a general practitioner. The student practices physical examination skills and observes models of osteopathic practice. 1 semester hour, second year, semester 4.

635. General Practice Preceptorship. A four-week preceptorship in which the student spends one day a week in the office of a general practitioner practicing physical examination skills and observing models of osteopathic practice. 1 semester hour, third year, semester 5 (summer).

641. Clinical Selectives. De-

signed to allow students to learn the function and contribution of other health related disciplines; experience consists of observation in paramedical and ancillary health services in the community. 1 semester hour, first year, semester 1.

642. Clinical Selectives. Same as 641. 1 semester hour, first year, semester 2.

644. Clinical Selectives. Same as 641. 1 semester hour, second year, semester 4.

701. Core Clinical Clerkship in Ambulatory Care. A required 12-week rotation in the third or fourth year. Provides the student clinical experience in family practice. Each student is assigned to a departmental outpatient clinic, where he/she experiences the problems of family care and continuity of care and also is introduced to patterns of patient referral and community aspects of health care. 12 semester hours.

702. General Practice Junior Partnership. A required four-week rotation in ambulatory care with a general practitioner. 4 semester hours.

801. Clinical Clerkship in Ambulatory Care. An elective four-week rotation in the third or fourth year. Provides the student clinical experience in family practice. Each student is assigned to a departmen-

tal outpatient clinic, where he/she experiences the problems of family care and continuity of care and also is introduced to patterns of patient referral and community aspects of health care. 4 semester hours.

802. General Practice Junior Partnership. An elective four-week rotation in ambulatory care. 4 semester hours.

900. Directed Studies in General and Family Practice. Individually arranged program of special studies in general and family practice.

Department of Medical Humanities

Faculty: Ogilvie, chairman; Pfifferling.

Adjunct Faculty: Gabert, Leeper, Priddy.

The Department of Medical Humanities especially addresses itself to an emphasis on the disciplines of philosophy, history, sociology, ethics, law, religion and literature as they relate to the healing art and to societal and cultural factors in health and disease.

Although few separate courses in humanities are formally taught, it is the department's aim to incorporate issues on human values into the curriculum. Different viewpoints on medical culture, human values and their interrelationships are introduced to students through courses already being taught by other departments.

Opportunity is provided for students to do self-instructed and selective humanities-related study projects, with approval through special consultation with the chairman of the Department of Medical Humanities.

615. Medical Jurisprudence.

Legal aspects of medical practice including medical-legal reports, requirements for court testimony, medical malpractice and organization of a medical practice. 2 semester hours, third year, semester 5 (summer).

813. Clinical Clerkship in

Medical Humanities. An elective four-week rotation in medical humanities. 4 semester hours.

900. Directed Studies in Medi-

cal Humanities. Individually arranged program of special studies in medical humanities.

Other topics in medical humanities:

History of Medicine. The distinctiveness of osteopathic medicine lies in a commitment to a special point of view regarding the well-being of man. This course provides a general historical and philosophical orientation for a better appreciation of the osteopathic movement. Starting from primitive medicine, it traces the progress of the healing arts to modern times.

Medical Ethics. The increasing importance of human values issues in the practice of medicine has been attributed

to the rise in technology. This selective course is team-taught for TCOM medical students and Texas Christian University divinity students.

Discussion of actual case histories involving ethical dilemmas are addressed by the medical and divinity students in pairs.

Department of Medicine

Faculty: Olson, chairman; Esselman, Garmon, Clearfield, Cohen, Graitzer, Pincus, Trese.

Clinical Faculty: Johnson, Beckwith, Bode, Cordas, Cueto, Flaggman, Godell, Jordan, Keller, Osborn, Trinkle.

613. Data Gathering. A performance course which includes the gathering of histories, physical examinations and patient profiles under careful audit by faculty clinicians. Problem areas in the data gathering process are scrutinized and skills laboratories are provided to correct apparent deficits. The more common problems (signs or symptoms) presented by patients are reviewed. Attention is given to the development of a logical method of gathering data on the patients who present these problems. 1 semester hour, second year, semester 3.

624. Medicine/Surgery. In this course, taught in conjunction with the Department of Surgery, the student learns a core of problem-solving behavior —

to gather and sift data, develop problem lists and generate management plans. The course is divided into a series of blocks, with the first devoted to learning principles of logic and communication in medicine. Later blocks are devoted to solving "paper" problems generated from actual patients and involving group study in endocrinology, gastroenterology and pulmonology. Students are randomly assigned in 6- to 8-week cycles to study groups, which enhance independent study and at the same time foster the development of those teamwork skills necessary in medical practice. A nutrition section is woven through the course in a self-instructional format, correlated with the problem content. 7 semester hours, second year, semester 4.

625. Medicine/Surgery. Taught in conjunction with the Department of Surgery, this course is a continuation of problem-solving activity and study groups first encountered in Medicine/Surgery 624. "Paper" problems are solved in cardioangiolog, neurology, urology/nephrology, orthopedics, rheumatology and hematology. 7 semester hours, third year, semester 5 (fall).

704-705. Core Clinical Clerkship in Medicine. Two required four-week clerkships in medicine completed at the same affiliated hospital. The clerk works at solving real problems with actual patients under rigorous preceptor audit, gathering a defined data base, processing this data and formulating a problem list. He/she generates a management plan and records the patients's progress. All activity is carefully audited by an interested preceptor according to criteria of thoroughness, reliability, logic and efficiency. Manual skills and procedures are learned. Evaluation focuses on clerk be-

havior and proficiency rather than on cognitive memory alone. 4 semester hours each.

706. Core Clinical Clerkship in Pulmonary Medicine. A required four-week clerkship in cardiopulmonary medicine and surgery at the University of Texas Health Center, Tyler, Texas. The clerk solves cardiac and pulmonary problems of actual patients using those data gathering and processing methods learned in the core medicine clerkship. Physiologic, biochemical and anatomic principles are re-examined in the utilitarian framework of problem solving.

804. Clinical Clerkship in Medicine. An elective four-week rotation in medicine. 4 semester hours.

806. Clinical Clerkship in Pulmonary Medicine. An elective four-week rotation in pulmonary medicine. 4 semester hours.

900. Directed Studies in Medicine. Individually arranged program of special studies in medicine.

Department of Microbiology and Immunology

Faculty: E. Harris, chairperson; Reeves, Allen, Keyser, Measel.

Clinical Faculty: Bradshaw, Miale, Reifel, Lanier.

Adjunct Faculty: Nasrallah.

512. Agents of Infectious Disease. An autotutorial course which presents the fundamentals of microbiology and surveys the characteristics of the microbial and animal parasites of man. Advanced students may elect special assignments from a variety of projects, such as case histories, clinical laboratory experiments, literature review, etc. 1 semester hour, first year, semester 2.

522. Basic and Clinical Immunology. Natural defenses, normal immune responses, hypersensitivities, and immunological diseases are presented with emphasis on principles. Clinical applications of immunology are stressed in the presentation of lectures, laboratory exercises, and problem-solving case histories which are solved in small groups. Diagnostics, immunization, autoimmune disease, allergies, transplantation and cancer immunology, and other clinical topics are subjects for case history studies. 3 se-

mester hours, first year, semester 2.

533. Medical Microbiology. Study of the characteristics of infectious organisms (viruses, bacteria, fungi, rickettsia, and animal parasites) is followed by study of infectious diseases presented by physiological systems. Emphasis is on the dynamics of the host parasite relationship related to disease susceptibility, pathogenesis, diagnosis, treatment and control. Special topics include medical entomology, epidemiology, nosocomial infections, chemotherapy, and immunization. Lectures, laboratories, simulated patient case presentations, and student reports are utilized. 6 semester hours, second year, semester 3.

544. Public Health. Public health aspects of control of selected infectious diseases, particularly venereal diseases, tuberculosis, and leprosy, are considered in addition to public health administration, com-

munity health, and the prevention of chronic disease and disability. Principles of epidemiology and biostatistics, environmental sanitation, air and noise pollution, as well as immunization practices for diseases of public health significance, are also presented. 1

semester hour, second year, semester 4.

900. Directed Studies in Microbiology and Immunology. Individually arranged program of special studies in microbiology and immunology.

Department of Obstetrics and Gynecology

Faculty: Walker, chairman; Hayes, Rochowiak, Levine.

Clinical Faculty: N. Ellis, Fischer, Matthews.

614. Normal Obstetrics. The terminology, basic physiology normal delivery and puerperium of normal pregnancy. 1 semester hour, second year, semester 4.

615. Abnormal Obstetrics and Gynecology. The pathology of pregnancy, labor and puerperium. The theory, diagnosis and management of gynecological disorders, inflammatory diseases, malpositions, congenital defects, oncology and traumas are presented. 3 semester hours, third year, semester 5 (fall).

707. Core Clinical Clerkship in Obstetrics and Gynecology. A required four-week rotation in obstetrics and gynecology. 4 semester hours.

807. Clinical Clerkship in Obstetrics and Gynecology. An elective four-week rotation in obstetrics and gynecology. 4 semester hours.

900. Directed Studies in Obstetrics and Gynecology. Individually arranged program of special studies in obstetrics and gynecology.

Department of Ophthalmology

Clinical Faculty: H. Ranelle, chairman; Scadron, Van De Grift, Becka, B. Ranelle.

615. Ophthalmology. The basic course is designed to give medical students an understanding of ocular anatomy and physiology and their relationship to common ocular disorders. Examination techniques, diagnosis and treatment methods important to family physicians are emphasized. 1 semester hour, third year, semester 5 (summer).

814. Clinical Clerkship in Ophthalmology. An elective four-week rotation in ophthalmology. 4 semester hours.

900. Directed Studies in Ophthalmology. Individually arranged program of special studies in ophthalmology.

Department of Osteopathic Philosophy, Principles and Practice

Faculty: Harakal, chairman; Coy, Korr, Gramer, Grimes.

Clinical Faculty: Carlton, Becker, R. Beyer, W. Ellis, Galewaler, Luibel, Pruzzo, Royder, Tyska.

611. Introduction to Osteopathic Philosophy and Principles. Introduction to the basic philosophy and principles of osteopathic health care. Emphasis is on palpatory diagnostic skills and examination for somatic dysfunction. Practical training is given in a systematic biomechanical examination of the human body. 2 semester hours, first year, semester 1.

612. Fundamentals of Osteopathic Medicine. A continuation of 611. Evaluation of functional status of the body. Initiation of the application of the principles of manipulative treatment of somatic dysfunction based on individual findings of biomechanical examination and diagnosis. 2 semester hours, first year, semester 2.

613-614. Expanding Concepts of Osteopathic Medicine with Applications. Presentation of three six-week minicourses in different treatment methods to develop proficiency in palpatory examination and expand the therapeutic range of manipulative medicine. Practice application for various clinical entities and organ systems is initiated. Guest clinicians present lectures and practice training sessions. 2 semester hours each, second year, semesters 3 and 4.

815. Clinical Clerkship in Osteopathic Philosophy, Principles and Practice. An elective four-week rotation for self-directed study in osteopathic philosophy, principles and practice. 4 semester hours.

900. Directed Studies in Osteopathic Philosophy, Principles and Practice. Individually arranged program of special studies in osteopathic philosophy, principles and practice.

Department of Otorhinolaryngology

Clinical Faculty: Becka, Brooks, Van De Grift.

615. Principles of Otorhinolaryngology. Clinical diagnosis and therapy of disorders of the ear, nose, paranasal sinuses and throat. Bronchoesophagology, respiratory allergy and diagnosis of head and neck neoplasms. Principles of examination and the use of diagnostic instruments and screening audiometers. 1 semester hour, third year, semester 5 (summer).

816. Clinical Clerkship in Otorhinolaryngology. An elective four-week rotation in otorhinolaryngology. 4 semester hours.

900. Directed Studies in Otorhinolaryngology. Individually arranged program of special studies in otorhinolaryngology.

Department of Pathology

Faculty: Starkey, Wimbish, Funderburk, Harvey.

Clinical Faculty: O'Shea, M. Skinner, Peerwani.

613. Basic Pathology. The general mechanisms and pathogenesis of disease; degenerations, inflammation, infectious disease, neoplasia, chemical and physical injuries; gross specimens and tissue microscopy. Includes forensic pathology. Correlation of case histories with postmortem findings and follow-up microscopic examination and techniques of reporting to correlate antemortem clinical findings and the course of disease with postmortem findings. 5 semester hours, second year, semester 3.

614. Systemic, Pathology. Principles of pathology applied to the study of disease of organ systems. 4 semester hours, second year, semester 4.

817. Clinical Clerkship in Pathology. An elective four-week rotation in pathology. 4 semester hours.

900. Directed Studies in Pathology. Individually arranged program of special studies in pathology.

Department of Pediatrics

Faculty: Gilfillan, acting chairman; V. Ellis, Neal, Hochberger, Levine.

Clinical Faculty: Philben, Tierney, Helfrey, Ostrom.

615. Pediatrics. Holistic approach to the infant, child and adolescent, including development and care as part of the overall approach to health. Perinatology, neonatology, growth and development,

pediatric physical diagnosis, dermatology, infectious disease, pediatric orthopedics, hematology, allergy and immunology, emergency medicine in pediatrics, poisonings, gastrointestinal disorders and

pediatric cardiology. 4 semester hours, third year, semester 5 (summer).

708. Core Clinical Clerkship in Pediatrics. A required four-week rotation in pediatrics, general and special pediatrics, including I.C.U. and I.C.U. nurseries and ambulatory care in a pediatric clinic. 4 semester hours.

808. Clinical Clerkship in Pediatrics. An elective four-week rotation in pediatrics. 4 semester hours.

900. Directed Studies in Pediatrics. Individually arranged program of special studies in pediatrics.

Department of Pharmacology

Faculty: Cantrell, chairman; Elko, Emmett-Oglesby, Jones, Yorio.

513. Introduction to Pharmacology. The fundamental principles of pharmacology, including pharmacodynamics, toxicology, drug interaction and the molecular basis of drug action. Selected drug classes will be discussed in terms of principal actions, side effects, adverse effects, contraindications and clinical applications. 3 semester hours, second year, semester 3.

514. General Pharmacology. Drug classes discussed with emphasis on chemotherapy within the scope of the principles of pharmacology. 3 semester hours, second year, semester 4.

900. Directed Studies in Pharmacology. Individually arranged program of special studies in pharmacology.

Department of Physiology

Faculty: Gaugl, chairman; Redden, Patton, Raven, Barker, Caffrey, Sallee, Sinclair.

Adjunct Faculty: Mrotek.

512. Medical Physiology. A study of the functions of the organ systems, with emphasis placed on the homeostatic control mechanisms. Major systems covered are the muscular, cardiovascular and renal. Discussion sessions, laboratory exercises and clinical guest lectures are utilized. 4 semester hours, first year, semester 2.

513. Medical Physiology. Course description similar to 512. Major systems covered are the respiratory, gastrointestinal and endocrine. 4 semester hours, second year, semester 3.

900. Directed Studies in Physiology. Individually arranged program of special studies in physiology.

Department of Psychiatry

Faculty: Conn, chairman.

Clinical Faculty: Schussler, Cox, Feigelman, B. McLaughlin, Yentis.

623. Principles of Psychiatry I. Historical overview of psychiatry; emphasis on holistic medicine. A variety of psychopathological and psychiatric disorders is considered. Adaptation, personality functioning, symptom formation, diagnosis and therapeutic modalities are presented. 2 semester hours, second year, semester 3.

624. Principles of Psychiatry II and Principles of Child and Adolescent Psychiatry. Preparation for the practice of medicine that will facilitate the treatment of psychological problems accompanying physical illness. Includes informed use of psychotropic drugs, psychotherapy, community psychiatry, psychiatric referral, aspects of human sex-

uality. 2 semester hours, second year, semester 4.

709. Core Clinical Clerkship in Psychiatry. An elective four-week rotation in psychiatry or mental health. 4 semester hours.

809. Clinical Clerkship in Psychiatry. An elective four-week rotation in psychiatry or mental health. 4 semester hours.

900. Directed Studies in Psychiatry. Individually arranged program of special studies in psychiatry.

Department of Radiology

Faculty: Kemplin, chairman; Wilkins.

Clinical Faculty: Bascone, Beck, Bradley, Briney, Dott, Eggert, Fannin, Lichwa, Lively, Maughan, McCorkle, Nelson, Pearson, Podolsky, Tilma.

613. Principles of Radiology. The study of the basic principles of the diagnostic use of X-ray radiation, with emphasis on correlation of anatomy, physiology and pathology. 1 semester hour, second year, semester 3.

614. Principles of Radiology. Continuation of 613 with additional study of the uses of radioactive nuclides, ultrasound and radiation therapy. 1 semester hour, second year, semester 4.

818. Clinical Clerkship in Radiology. An elective four-week rotation in radiology. 4 semester hours.

900. Directed Studies in Radiology. Individually arranged program of special studies in radiology.

Department of Rehabilitation/Sports Medicine

Faculty: English, chairman; Peckham E. Brown.

614. Rehabilitation/Sports

Medicine. Designed to help students develop empathy for disabled persons and enthusiasm for rehabilitative processes. Students are exposed to patients with primary and secondary disabilities. Emphasis is placed on the need for special rehabilitative procedures to help the patient function at maximum efficiency and to help him/her realize his/her maximum potential. The course includes exposure to the comprehensive team approach to physical, social, psychological and vocational methods of rehabilitation. Students are shown clinical procedures which are essential for skillful applications of rehabilitative principles in the general practice of osteopathic medicine. Principles and techniques of sports medicine also are included with exposure to adequate physical fitness programming and practical application of strapping techniques. Use of proper modalities for treatment and prevention of athletic injuries also is demonstrated. Students are taught methods of personal fitness programming and instructed in techniques in

preventive medicine and aerobic fitness. 3 semester hours, second year, semester 4.

819. Clinical Clerkship in Rehabilitation/Sports Medicine.

An elective four-week rotation in rehabilitation/sports medicine. 4 semester hours.

900. Directed Studies in Rehabilitation/Sports Medicine.

Individually arranged program of special studies in rehabilitation/sports medicine.

Interdepartmental Programs

901. Eighth Semester Program. Specially arranged to consolidate the students' varied educational experiences during the four-year medical curriculum, this program includes a mix of clinical and classroom sessions, taught during the eighth and final semester. Such topics as the future role of the computer

in patient care, surgical skills, developing a medical practice, counseling skills and advanced life support are among issues which have been presented in both large and small class sessions. Topics vary each year in order to address the individual needs for learning as experienced in each class.

Institute of Forensic Medicine

The TCOM Institute of Forensic Medicine works closely with the Tarrant County Medical Examiner's Office in an area which has become increasingly important to the practicing physician. Forensic medicine incorporates principles of medical jurisprudence, the critical evaluation of autopsy findings and determination of cause and manner of death.

Though no official relationship exists between the Institute and the Medical Examiner's Office, the two organizations share the TCOM Pathology Building, which includes a well-equipped morgue, lecture halls and offices.

Study materials for teaching and research are provided by the Tarrant County Medical Examiner's Office, and the Institute in turn provides the necessary training in forensic medicine and autopsy techniques for second-year students of TCOM and various community groups, such as police and fire academies, as well as nursing and medical technology students from area junior colleges.

A toxicology laboratory aids the Medical Examiner's Office in determining cause of death when drugs or poisons are involved and provides clinical toxicology support to practicing physicians and training for

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Department of Surgery

Faculty: W. Jenkins, chairman; Alter, Willard, Bilyea, Tyler, Marshio.

Clinical Faculty: Biggs, Pease, Stewart, Calabria, Fisher, McGrath, Turner, D. Beyer, Glickfeld, Pettit, Posta, Powell, Trevino.

624. Medicine/Surgery. In this course, taught in conjunction with the Department of Medicine, the student learns a core of problem-solving behavior—to gather and sift data, develop problem lists and generate management plans. The course is divided into a series of blocks, with the first devoted to learning principles of logic and communication in medicine. Later blocks are devoted to solving “paper” problems generated from actual patients and involving group study in endocrinology, gastroenterology and pulmonology. Students are randomly assigned in 6- to 8-week cycles to study groups, which enhance independent study and at the same time foster the development of those teamwork skills necessary in medical practice. A nutrition section is woven through the course in a self-instructional format, correlated with the problem content. 7 semester hours, second year, semester 4.

625. Medicine/Surgery. Taught in conjunction with the Department of Medicine, this course is a continuation of problem-solving activity and study groups first encountered in Medicine/Surgery 624. “Paper” problems are solved in cardioangiolog, neurology, urology/nephrology, orthopedics, rheumatology and hematology. 14 semester hours, third year, semester 5 (fall).

710. Core Clinical Clerkship in Surgery. A required four-week clerkship in surgery in an affiliated hospital. 4 semester hours.

810. Clinical Clerkship in Surgery. An elective four-week clerkship in surgery in an affiliated hospital. 4 semester hours.

900. Directed Studies in Surgery. Individually arranged program of special studies in surgery.

student-doctors and graduate students. The laboratory also aids in monitoring public health in the community.

The TCOM Institute of Forensic Medicine also conducts symposia on various aspects of forensic medicine and related problems.

Institute for Human Fitness

The Institute for Human Fitness at TCOM has been developed in recognition of the increasing demand for physician services in the areas of preventive, sports and rehabilitation medicine.

The Institute, the first in the nation to combine a fitness testing clinic, research center and fitness activities center in a medical school setting, provides education in exercise prescription based on graded exercise testing and develops programs for the prevention and treatment of athletic injuries, while establishing a scientific base, through research, for fitness and exercise.

The Institute's Health and Fitness Assessment Clinic (preventive), in cooperation with the Department of Rehabilitation/Sports Medicine, serves as a multidisciplinary setting for educational programs in a variety of areas. The clinic provides training for medical students in sports medicine and the development of conditioning and re-conditioning programs and procedures, as well as the application of techniques of rehabilitation medicine to restore patients to maximum functional potential physically, psychologically, economically and socially.

The Research Center is developing programs to study a variety of related problems including the biomechanical aspects of exercise, the cardiopulmonary effects of exercise and fitness programs for the elderly and for recovering alcoholics.

The Fitness Activities Center serves both the clinic and research center as a setting for the implementation of programs prescribed by physicians and for the testing of programs under study and development. Physicians, trainers and physical therapists are afforded the opportunity to practice and teach their techniques in the most effective way possible. Close monitoring of participants is possible during treatment, program development and fitness maintenance activities.

Master of Science in Basic Health Sciences

Students of osteopathic medicine are eligible to pursue the master of science in basic health sciences degree while working toward the D.O. degree. Application for admission to the graduate program must be made through the dean of the Graduate School, North Texas State University. After admission, the chairman of the basic health sciences department, in consultation with the appropriate faculty, will assist the student in preparation of a degree program. The M.S. degree is awarded by NTSU.

Fulltime medical students who seek this degree concurrently with the D.O. degree will normally utilize summer sessions as well as optional clinical rotations for the necessary additional course work and thesis research. A maximum of six semester hours of acceptable transfer graduate course work from another institution may be applied to the degree plan.

The program is interdisciplinary in nature, and the degree plan is individually designed for the specific needs of the student. With the approval of the student's advisory committee and the dean of the NTSU Graduate School, the degree will require (1) satisfactory completion of the first two years of course work at TCOM and (2) a minimum of 18 semester hours of graduate level course work at NTSU, including a six-hour thesis. The degree is available with concentrations in anatomy, biochemistry, microbiology and immunology, pharmacology, toxicology and physiology.

It is essential that prospective students make contact with the basic health sciences chairman

during the early part of the year with regard to specific requirements in each of the divisions. Financial support for summer terms may be available through several sources including state and federally supported grant funds which have been awarded to faculty.

Postdoctoral Fellowship in Osteopathic Philosophy, Principles and Practice

A two-year postdoctoral teaching fellowship program, certified by the Advisory Board of Osteopathic Specialists and leading to certification by the Academy of Applied Osteopathy, is offered through TCOM. Fellows are appointed as instructors and are responsible for classroom teaching as well as clinical consultation in the clinics of the college and in area osteopathic hospitals.

This program is a comprehensive rehabilitative approach to osteopathic medicine utilizing traditional and contemporary methods of osteopathic care.

STUDENT AFFAIRS

Student services
Student activities
Military affairs
Honors and awards



The Office of Student Affairs provides assistance to students from the time they apply for admission to Texas College of Osteopathic Medicine through matriculation to graduation and beyond, in an attempt to facilitate their academic training, personal growth and development.

In addition, this office assists the dean of the college in interpreting student needs and in creating an atmosphere which stimulates learning and integrates out-of-class activities into the formal learning programs.

The goals of this office are to encourage student participation in and contribution to the total college program; to establish and coordinate a system of student academic advisement; and to interpret college regulations on academic and non-academic affairs to students. To this end, the Office of Student Affairs oversees a series of activities, including admissions, counseling, financial aid, military affairs, registrar and student services.

Guidance, counseling and academic advisement

Guidance involves the collection and dissemination of information regarding students' needs and interests. Student forums are scheduled with each class at various times during the academic year to provide opportunities for students, administration, faculty and staff to discuss areas of interest and concern. An orientation program is scheduled each fall to provide incoming freshmen with an opportunity to meet their classmates, faculty and administration in a non-classroom situation and to provide information and details about important aspects of the curriculum and the college. In addition, the orientation attempts to provide insight and/or alternatives for managing potential stresses to be found during medical school.

Counseling services are available for students and spouses on an appointment or walk-in basis for discussion of academic or personal problems. Group counseling sessions may be scheduled throughout the year and are open to all students and spouses.

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Student services

An academic advisement program has been developed for incoming students. This program assigns to each student a preclinical sciences and a clinical sciences adviser, who serve to provide direction or support in periods of academic difficulty, plan alternate programs or assist in reassessment of priorities. Additional programs in the area of study skills effectiveness are currently being developed.

Food service

Food is available from vending machines in the TCOM academic buildings, and a number of restaurants are within walking distance of Medical Education Building I and River Plaza Campus Center.

Student discounts

Several discounts are available to students for recreational activities, commercial items and restaurants, and efforts are continually made to obtain additional discounts. Information regarding this program is available from the Office of Student Affairs.

ID cards

TCOM identification cards are issued during fall registration.

Health services

TCOM students may utilize the health care services of the Central Family Practice Clinic in Medical Education Building I at no charge, except for laboratory fees and drugs.

All students are strongly urged to carry health insurance. If a student does not have other insurance, coverage is available with Blue Cross/Blue Shield through a college program. Information on fees, which are subject to change, is available in the tuition and fees section of this catalog.

Employment service

Assistance is provided to students and spouses in locating part-time and/or fulltime employment. Interested students and/or spouses should contact the Office of Student Affairs or Personnel Office at TCOM or the Texas Employment Commission.

Housing

TCOM does not have student housing available. Students are responsible for making their own living arrangements. Information regarding apartments is available through the Office of Student Affairs.

Student activities

Recreational activities at TCOM include pocket billiards and ping pong in the first-floor lounge of Medical Education Building I, as well as active softball and basketball teams and bicycle and running clubs. TCOM's developing Institute for Human Fitness, located in the River Plaza Campus Center, offers additional facilities and programs designed to meet individual needs. Arrangements also have been made by the Office of Student Affairs for TCOM students, faculty and staff to join the Downtown YMCA through a discount program.

Organizations

A variety of organizations is available in which students may participate.

American Academy of Osteopathy — a voluntary organization for students who devote extracurricular time to the study of the theory and application of osteopathic philosophy.

American Osteopathic Association — recognized national organization of the osteopathic profession; membership open to all students. (Continued membership in this organization is highly recommended and desirable.)

Atlas Club — a professional fraternity dedicated to advancing the principle of osteopathic medicine; membership by invitation only.

Hot Wheels — an active group of cyclists whose purpose is to seek health through cycling and other exercise. All motorized devices are banned from activities.

Sigma Sigma Phi — a national osteopathic honorary service fraternity. Membership, by invitation, is extended to those students in the last half of the sophomore year or the first half of the junior year who are in the upper third of their class academically and who show qualities of leadership. Chapter membership is limited to 15 percent of the student body.

Speculum Staff — plans, prepares and publishes the yearbook, *Speculum*.

Student Osteopathic Medical Association — offers membership to all students. Purposes of SOMA are to improve the quality of health care delivery to the American people, contribute to osteopathic medical education, establish lines of communication with other health science organizations and prepare its members to meet the moral, social and ethical obligations of an osteopathic physician.

Student Chapter of the American College of General Practitioners in Osteopathic Medicine and Surgery — offers membership to all interested students. Purpose of the organization is to foster an informed interest in general practice while providing direct contact between student-doctors and active general practitioners.

Student Government Association — composed of representatives from each of the four classes who are elected in January for the calendar year to represent the student body in matters related to student, faculty and administrative affairs. The president of the SGA and SGA advisor serve as liaisons between students and the administration.

Students' Associate Auxiliary — affiliated with the Auxiliary to the American Osteopathic Association; membership open to spouses of TCOM students; contributing membership available. The objectives are to prepare members for their futures as spouses of osteopathic physicians and to promote projects which will benefit TCOM, the local community and the osteopathic profession. The objectives are achieved

through educational programs and social activities for students and their families.

TCOM Acrophilics Flying Club — promotes general aviation knowledge and safety and allows students, faculty, staff and their immediate families access to inexpensive airplanes for rent and instruction for all classes of licenses.

TCOM Runners — organized in 1978 to promote health through running; membership open to students, faculty, staff and their families; includes group runs, seminars, team participation in organized meets, etc.

Women Students' Organization — provides a source of practical help and moral support to all female students of TCOM in dealing with the unique concerns of female medical students.

Scheduling events

Student organizations may schedule extracurricular seminars, programs and guest lectures. Such activities must be scheduled through the Office of Medical Education.

Texas College of Osteopathic Medicine is approved by the Texas Education Agency for the training of men and women who have served in the armed forces, and assistance is provided to students who are on active duty or who are veterans. To establish eligibility for assistance, a veteran should contact the Office of Student Affairs for the appropriate forms. The completed forms and a copy of Form DD-214 should be forwarded to the Office of Student Affairs.

Veterans wishing to continue their benefits at TCOM should complete a Transfer of Training Application and submit it to the registrar. To remain eligible to receive veterans' benefits a student must maintain a minimum 2.0 grade point average. Veterans' benefit payments may not be made during any period of academic probation.

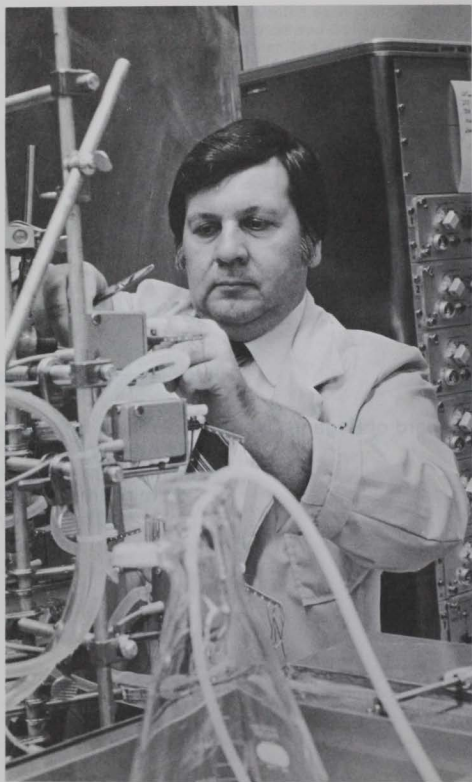
Military affairs

Honors and awards

Students are selected each year for *Who's Who in American Universities and Colleges*, T. Robert Sharp General Practitioner of the Year Award, Wayne O. Stockseth Award, Upjohn Achievement Award, Sandoz Inc. Award, the Lemmon Company Award and the CIBA Community Service Award. Additional honors and awards will be announced as they are identified.

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