CREDO OF CREIGHTON

Creighton, a Jesuit University, is convinced that the hope of humanity is man’s ability freely and maturely to seek and stand for the truths and values essential to human life. It aims to lead all its members in discovering and embracing the challenging responsibilities of their intelligence, freedom, and value as persons.

We therefore profess, and pledge ourselves to teach in the perspectives of, the following creed:

We believe in God, our loving Creator and Father.

We believe in the intrinsic value of man as created in God’s image and called to be his child. This includes all persons and excludes any form of racism and other discrimination.

We believe that the deepest purpose of man is to create, enrich, and share life through love and reverence in the human community. This motivates our open and relentless pursuit of truth. For this reason we foster reverence for life in all its human potential.

We believe that we should support all men in their free and responsible life-sharing through family and social systems, and through political, scientific, and cultural achievements.

We believe that we must strive for a human community of justice, mutual respect and concern. In this context we must cultivate respect and care for our planet and its resources.

We believe that laws exist for men, not man for the law, that legal systems must express the common good, and that all government must be subject to the courageous, though respectful and loyal, criticism of intelligent and responsible citizens.

We believe that the law of justice and love must regulate the personal, family, economic, political, and international life of men if civilization is to endure.

We believe, briefly, in the teachings and example of Jesus Christ.
Aerial view (looking southeast) of Creighton's campus and downtown Omaha. Large building in the right foreground is the new St. Joseph Hospital.
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The statements contained in the Bulletin are subject to change without notice.
### Calendar
#### Academic Year 1979-80

#### 1979

<table>
<thead>
<tr>
<th>June</th>
<th>18, Monday</th>
<th>Senior year begins (Class of 1980).</th>
</tr>
</thead>
<tbody>
<tr>
<td>July</td>
<td>2, Monday</td>
<td>Junior year begins (Class of 1981).</td>
</tr>
<tr>
<td>August</td>
<td>27, Monday</td>
<td>Sophomore year (Class of 1982) begins. Freshman year (Class of 1983) begins.</td>
</tr>
<tr>
<td></td>
<td>29, Wednesday</td>
<td>Registration for all classes. 4:00 P.M. Late registration fee effective.</td>
</tr>
<tr>
<td>November</td>
<td>21, Wednesday</td>
<td>Thanksgiving recess begins after last class, clinic, or laboratory.*</td>
</tr>
<tr>
<td></td>
<td>26, Monday</td>
<td>8:00 A.M. Classes resume.</td>
</tr>
<tr>
<td>December</td>
<td>14, Friday</td>
<td>First Semester ends for Freshmen and Sophomores.</td>
</tr>
<tr>
<td></td>
<td>16, Sunday</td>
<td>First Semester ends for Juniors at 5:00 P.M.</td>
</tr>
</tbody>
</table>

#### 1980

| January | 3, Thursday | Second Semester begins for Juniors. |
|        | 7, Monday   | Second Semester begins for Freshmen and Sophomores. |
|        | 9, Wednesday | Registration for all classes. 4:00 P.M. Late registration fee effective. |
| February | 15, Friday | Last day for filing applications for degrees to be conferred May 17, 1980. |
| March   | 7, Friday   | Spring recess begins after last class, clinic or laboratory.* |
|        | 17, Monday  | 8:00 A.M. Classes resume. |
| April   | 4, Friday   | Good Friday. No Classes held. |
| May     | 16, Friday  | Second Semester ends for Freshmen and Sophomores. |
|        | 17, Saturday | University Commencement. |
| June    | 15, Sunday  | Junior year ends. |

*Applies to Freshman and Sophomore years. Junior and Senior students should consult their schedule of clerkship assignments for dates of Thanksgiving, Christmas, Easter, and other recesses.

Note: Students of Jewish faith may have excused absence when observing Jewish New Year (September 21, 22, 1979), Yom Kippur (October 1, 1979), and Passover Eve (March 31, 1980).
### CALENDAR

**ACADEMIC YEAR 1980-81**

<table>
<thead>
<tr>
<th>Year</th>
<th>Month</th>
<th>Date</th>
<th>Event</th>
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<tr>
<td></td>
<td></td>
<td>30, Monday</td>
<td>Junior Year begins (Class of 1982).</td>
</tr>
<tr>
<td></td>
<td>September</td>
<td>1, Monday</td>
<td>Labor Day. Holiday.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2, Tuesday</td>
<td>Sophomore year (Class of 1983) begins. Freshman year (Class of 1984) begins.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3, Wednesday</td>
<td>Registration for all classes. 4:00 p.m. Late registration fee effective.</td>
</tr>
<tr>
<td></td>
<td>November</td>
<td>26, Wednesday</td>
<td>Thanksgiving recess begins after last class, clinic or laboratory.*</td>
</tr>
<tr>
<td></td>
<td>December</td>
<td>1, Monday</td>
<td>8:00 A.M. Classes resume.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>19, Friday</td>
<td>First Semester ends for Freshmen and Sophomores.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>21, Sunday</td>
<td>First Semester ends for Juniors at 5:00 P.M.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>5, Monday</td>
<td>Second Semester begins for Freshmen and Sophomores.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>7, Wednesday</td>
<td>Registration for all classes. 4:00 P.M. Late registration fee effective.</td>
</tr>
<tr>
<td></td>
<td>February</td>
<td>16, Monday</td>
<td>Last day for filing applications for degrees to be conferred May 16, 1981.</td>
</tr>
<tr>
<td></td>
<td>March</td>
<td>6, Friday</td>
<td>Spring recess begins after last class, clinic or laboratory.*</td>
</tr>
<tr>
<td></td>
<td></td>
<td>16, Monday</td>
<td>8:00 A.M. Classes resume.</td>
</tr>
<tr>
<td></td>
<td>April</td>
<td>17, Friday</td>
<td>Good Friday. No Classes held.</td>
</tr>
<tr>
<td></td>
<td>May</td>
<td>15, Friday</td>
<td>Second Semester ends for Freshmen and Sophomores.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>16, Saturday</td>
<td>University Commencement.</td>
</tr>
<tr>
<td></td>
<td>June</td>
<td>21, Sunday</td>
<td>Junior year ends.</td>
</tr>
</tbody>
</table>

* Applies to Freshman and Sophomore years. Junior and Senior students should consult their schedule of clerkship assignments for dates of Thanksgiving, Christmas, Easter, and other recesses.

Note: Students of Jewish faith may have excused absence when observing Jewish New Year (September 10-11, 1980), Yom Kippur (September 20, 1980), and Passover Eve (April 18, 1981).
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NEIL P. KENNEY, M.D.

W. PATRICK LUCKETT, Ph.D.

PATRICK D. MAHONEY, M.D.

CLAUDE H. ORGAN, JR., M.D.

DONALD J. PAVELKA, M.D.

JOHN EDNEY, M.D., House Staff Representative

EDWARD R. YEOMANS, Senior Class Representative

RICHARD J. APKE, Sophomore Class Representative

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Committee on Student Grievances
JAMES J. QUINN, S.J., Ph.D., Chairman

Joseph M. Holthaus, M.D., Dean of the School of Medicine
GENERAL INFORMATION

Creighton University is by far the most diverse educational institution of its size in the nation. The combination of relatively small size and unusual diversity is the key to appreciation of Creighton University's excellence.

With an enrollment of 5,400 persons taught by a faculty of more than 800, Creighton has set as its goal the conduct of higher education in the context of Christian living.

Founded in 1878, Creighton is co-educational, independent, and has always been operated by the Jesuits in the traditions of that Catholic religious order. Creighton has a faculty and student body made up of individuals of many races and faiths from every geographical region of the United States and from numerous foreign nations.

Creighton is a university in the true sense. Creighton has a College of Arts and Sciences, College of Business Administration, schools of Dentistry, Medicine, Law, Nursing, and Pharmacy, and a Graduate School offering Master's and Doctor's degrees. Creighton has been active in the establishment of continuing education programs and of a Summer Session of modern design for the contemporary educational consumer.

Each of these divisions of the faculties has traditionally emphasized the utilization of advanced studies in developing students for leadership in the academic, business, and professional arenas. Excellence in teaching and scholarship are prime requisites for faculty advancement. Hence, while Creighton has a strong professional orientation, a balance of academic and personal concern for the arts, humanities, and fundamental sciences has been maintained.

Forty-five per cent of the University's students are enrolled in the College of Arts and Sciences, 25 per cent in the health sciences divisions, 12 per cent in business administration, 11 per cent in law, and 7 per cent in the Graduate School.

LOCATION

Creighton's campus is located on the northwest edge of downtown Omaha, Nebraska. The University is set on a planned campus of more than 65 acres that is near, yet apart from the city's urban center. The University campus is about fifteen minute's walk from the business district of Omaha. The principal portion extends from Cass Street on the south to Burt Street on the north and from Twenty-first Street on the east to Thirtieth Street on the west. (See campus map inside back cover.)

Omaha is a city of 383,000 that serves as a regional center. The city is the major urban area between Chicago and Denver and between Kansas City and Minneapolis. The center of a metropolitan area of a population of 580,000, Omaha is set on rolling hills and tree-lined streets.

The city is in the heart of the nation's most productive agricultural area. Agriculture, now of major international importance, makes a great contribution to Omaha's prosperity. While Omaha's reputation as one of the three leading livestock markets in the world and one of the nation's largest producers of frozen foods is agriculturally related, there is ample evidence that the community has a broad industrial base. Insurance, railroads, telecommunications, and creative enterprises contribute to diversification.

Omaha's civic pride is evidenced in the excellence of its cultural institutions. An outstanding art museum, a quality performing arts center, the Omaha Community Playhouse, and Civic Auditorium serve as homes for outstanding exhibitions and
performances; the Omaha Symphony Orchestra, the Omaha Ballet Company, and the Omaha Opera Company provide a full season of local productions.

Omaha's setting as a regional center may account for the superiority and diversity of restaurants and dinner theaters; the community's proximity to agriculture may account for the relatively inexpensive cost of living.

Located on the Missouri river, the city is making a concentrated effort to redevelop Omaha's riverfront area. A new library has been established downtown as part of a rebuilding program that envisions new commercial establishments, recreational areas, residences, and educational facilities.

Omaha is served by more than 60 scheduled flights by eight major airlines and by eight railroads. The nation's major transcontinental highway also passes through Omaha.

HISTORY

John and Edward Creighton, builders of the transcontinental telegraph that linked pioneer America, have given their name to the University.

Edward's widow, Mary Lucretia Creighton, carrying out her husband's wishes, left money and directions for establishing a college in his memory. Following her death on January 23, 1876, the present University site was purchased and the first Bishop of Omaha, the Right Reverend James O'Connor, D.D., invited the Jesuits to conduct the Creighton College.

One priest, three scholastics, a layman and a woman formed the faculty when classes began September 2, 1878. On August 14, 1879, Bishop O'Connor surrendered his trust to a new corporation, "The Creighton University."

Jesuits were exclusive managers of the corporation until, in October 1968, the Board of Directors was expanded to include laypersons. Today sixteen laypersons and nine Jesuits conduct the corporate affairs of Creighton University.

The early growth of Creighton University and the enlargement of its endowment were due mainly to the benefactions of John A. Creighton and his wife, Sara Emily Creighton.

The College of Arts and Sciences, the University's oldest and largest division, was founded in 1878. The College of Business Administration opened on September 20, 1920. The Graduate School was established as a separate division in 1926. Nursing programs began at Creighton in 1928, a separate College of Nursing was established in 1971 and, in 1978, became the School of Nursing. Professional schools and their dates of establishment are the School of Medicine, 1892; School of Law, 1904; School of Dentistry and School of Pharmacy, 1905.

STATEMENT OF OBJECTIVES

Creighton University exists to educate her students with a view to their intellectual expansion, social adequacy, physical development, aesthetic appreciation, and spiritual enrichment. Creighton serves her publics primarily through teaching and research. Employing the techniques of teaching and research offers numerous other opportunities to provide services and leadership.

Creighton has behind it a pattern of more than four centuries of Jesuit teaching. The Order's focus has always been upon the total person, an approach that includes development of each student's talents to assure that he can meet both material and spiritual needs.
Members of every denomination are enrolled in and welcome to all courses in the University. While Creighton fosters learning in a Christian-oriented setting and challenges students to reflect on transcendental truths, students are not required to participate in religious services or activities.

All educational programs of Creighton University are open to both men and women.

**NONDISCRIMINATION POLICY**

Creighton admits qualified students and hires qualified employees without regard to race, color, national or ethnic origin, handicap, sex, or religion. Its education and employment policies, scholarship and loan programs, and other programs and activities, are administered without any such discrimination. The University Affirmative Action Director has been delegated the responsibility for coordination of the University's equal rights efforts.

**ACCREDITATION**

Creighton University is fully accredited by the North Central Association of Colleges and Secondary Schools, the accrediting agency for the region in which the University is situated. Professional Colleges and Schools are accredited by their respective professional standardizing agencies.

**SCHOOL OF MEDICINE**

**Philosophy and Objectives**

The educational philosophy of the Creighton University School of Medicine is based on the belief that its graduates will be required to fill a complex and dynamic role in society during their productive years as members of the Health Care Team. They will be the primary instruments for treating human disease, they will provide technical and scientific resources for the maintenance of personal health, and they will provide the leadership for community programs to establish and maintain a healthful environment. To this end, the School of Medicine addresses undergraduate medical education as a segment of the life-long education of the physician. The School recognizes the need of the student to become competent in the basic techniques of the physician, but also places emphasis on his developing an understanding of both pre-clinical and clinical disciplines so that he may possess educational qualifications suitable for any career he elects and for his continuing education.

**Accreditation**

The Creighton University School of Medicine is accredited by the Liaison Committee on Medical Education, representing the Association of American Medical Colleges and the Council on Medical Education of the American Medical Association. The School of Medicine is an institutional member of the Association of American Medical Colleges.

**History**

The Creighton University School of Medicine opened on October 1, 1892, and graduated its first class in 1895. In the more than 80 years that have intervened, the School has granted more than 4,450 Doctor of Medicine degrees. More than 3,000 living alumni have distributed their practices throughout all of the 50 United States. The School's first home was in the first building of St. Joseph Hospital, which was altered and equipped to afford temporary quarters. In 1896 the first building constructed to house the School of Medicine was erected on the northwest
corner of 14th and Davenport streets in Omaha, and during the next two decades the modest campus gradually expanded to include three buildings in the area, one of which accommodated the School of Pharmacy. A half century later, the entire medical campus was to give way to 20th century progress to permit the construction of an interchange for Interstate 480 through central Omaha.

MEDICAL CENTER

Since June of 1962, Creighton University has been engaged in the phased construction of the Dr. C. C. and Mabel L. Criss Health Sciences Center. The ultra-modern complex has been made possible largely through the generosity of the late Mabel L. Criss, whose gift commemorates her late husband, Dr. C. C. Criss. Dr. Criss was a Creighton alumnus; the couple founded Mutual of Omaha and United of Omaha. The Health Sciences Center includes Units I, II, and III, and is supported by a new teaching hospital with connecting Health Professions Center, the Boys Town Institute for Communication Disorders in Children, the Dr. Harry and Maude Boyne School of Dental Science, and an ultramodern Bio-Information Center.

The first of these buildings (Criss Unit I) is a medical research wing, which provides laboratory space and facilities for the research activities of the expanded faculty of the School of Medicine. Construction of Unit II of the Health Sciences Center, the basic sciences building, was completed in the summer of 1966. Its companion facility, Unit III, was completed and occupied in 1976. Together these two Units of the Health Sciences Center provide the most modern classroom and laboratory facilities for instruction of the freshman and sophomore students in the preclinical medical sciences, as well as office and laboratory space for the members of the preclinical faculty. Hub of the academic activities are twin two-level 255-seat amphitheaters in the connecting link between the two Units. Multipurpose laboratories, classrooms, and seminar rooms are conveniently distributed throughout the facility. In addition, the Criss Health Sciences Center accommodates the administration, faculty, and students of the School of Nursing and the School of Pharmacy. The administrative offices of the School of Medicine are located in the Criss Health Sciences Center, as are the offices of the Vice President for Health Sciences.

The new Saint Joseph Hospital, located on Creighton's West campus at 30th and California Streets, opened in December 1977. One of the largest privately sponsored construction projects in the history of Nebraska, this ultramodern regional health care facility serves as the major affiliated teaching hospital for the Creighton University School of Medicine. Owned and operated by the Creighton Omaha Regional HealthCare Corporation, the 415-bed facility replaced the obsolete 478-bed general hospital that had supported the teaching programs of the School of Medicine.

The School of Medicine, since its founding, has been affiliated for educational purposes with St. Joseph Hospital. This affiliation is in accordance with the provisions made by John A. Creighton, a benefactor of both institutions, and formalized in written agreements to define cooperation for the attainment of mutual and generally inseparable goals of good patient care, research, and medical education. A major regional and community facility, the hospital maintains programs in each of the major clinical services with the active staff appointed from the faculty of the School of Medicine. The close working relationship of the two institutions is continually reinforced by regular meetings of the joint management committee involving the top executive officers of both the hospital corporation and the University.

Constructed as an integral component of the hospital is a new Health Professions Center, which provides office suites for community physicians, as well
as offices and examining areas for the clinical faculty of the School of Medicine. The Health Professions Center will house the activities of the Creighton Health Center, the major ambulatory teaching and service unit of the School of Medicine. The Health Center attending staff consists of the clinical faculty as assigned by the chairmen of the several clinical departments. Clinics are held in the following areas:

Allergy; arthritis; cardiology; chest; dermatology; diabetes; endocrinology; family medicine, neurology; obstetrics and gynecology; ophthalmology; orthopedics; otolaryngology; pediatrics; peripheral vascular disease; proctology; psychiatry; psychology; radiology; rehabilitation; renal; surgery; tuberculosis; tumor detection; and urology.

The diagnostic laboratory is supervised by the Department of Pathology and the radiological service by the Department of Radiology. Annual visits to the Health Center exceed 50,000.

The Boys Town Institute for Communication Disorders in Children, constructed and operated by the world famous Father Flanagan's Boys Town, is physically connected to the new teaching hospital. A unique national resource, the Institute has assembled a highly specialized staff to develop in-patient and outpatient programs for children with communication disorders resulting from physical or sensory defects. The staff of the Institute also comprises the faculty and staff of the Department of Otolaryngology of the School of Medicine, and the Director of the Institute occupies the Boys Town Chair of Otolaryngology.

The new Dr. Harry and Maude Boyne School of Dental Science began operation in July of 1973. The Dental Clinic facility, immediately adjacent to the teaching hospital, can accommodate 50,000 patients per year, as well as the office, laboratory, and classroom needs of the dental faculty and students.

Central to the facilities of the Health Center is the new Creighton University Bio-Information Center, which opened in the summer of 1977. This facility brings to the health sciences campus a focal point for the most modern and innovative learning and research services for the students and faculty of the University, the hospital staff, and the health sciences community of the Omaha area. It includes a conventional health sciences library with a capacity of 90,000 volumes, as well as a Learning Resource Center and Biomedical Communications Center. The Learning Resource Center provides study areas for the utilization of all the forms of media used in the learning process such as slide/tape programs, audio tapes, video cassettes, and manuals to support audiovisual programs. The Biomedical Communications Center provides technical services such as photography, graphic arts, television, production, and classroom services, as well as educational services to assist individual health science units in the identification of instructional priorities and attainment of educational goals.

**ADDITIONAL CLINICAL FACILITIES**

In addition to the clinical facilities in the Criss Health Sciences Center, the Creighton University School of Medicine conducts additional clinical teaching, patient care, and research activities in the following institutions:

*The Omaha Veterans Administration Hospital.* The Omaha Veterans Administration Hospital, located at 42nd and Woolworth Avenue, is a general medical and surgical hospital of 486 beds. Consistent with the policy of the Veterans Administration, a Dean's Committee representing the Creighton University School of Medicine and the University of Nebraska Medical Center directs the educational and research programs of the hospital. Undergraduate and graduate education is related to the activities of the departments of Medicine and Surgery of the School of Medicine.
Douglas County Hospital. The Douglas County Hospital is located at 40th Street and Poppleton Avenue in Omaha. Until recently a general hospital of approximately 500 beds operated for the care of the indigent sick, this tax supported institution now limits its services primarily to psychiatric in-patient services and geriatric programs supported by a small general medical unit.

Childrens Memorial Hospital. Childrens Memorial Hospital, located at 44th Street and Dewey Avenue, is a 100-bed pediatric facility with an active emergency service, a master Poison Control Center, and a Birth Defect Center. As a voluntary hospital supported by the community, specialized care is provided for children from a wide geographic area. The hospital provides part of the clinical experience for the undergraduate and residency program of the Department of Pediatrics.

Family Practice Model Units. The Family Practice Department maintains four model units in strategic locations around the community. Designed and managed to simulate the actual environment in which a specialist in family practice conducts his medical practice, these model units serve as a principal teaching base for the undergraduate and postgraduate programs of the Department of Family Practice. Two of the model units provide comprehensive primary care to residents of the community's major underserved population groups.

Additional limited teaching affiliations are maintained by the School of Medicine at Archbishop Bergan Mercy Hospital, a 400-bed community general hospital; Ehrling Bergquist USAF Hospital serving Offutt Air Force Base and the headquarters of the Strategic Air Command; the Veterans Administration Hospital in Lincoln, Nebraska; Mercy Hospital in Council Bluffs, Iowa; and St. Elizabeth's Hospital in Lincoln, Nebraska.

POSTDOCTORAL PROGRAMS IN CLINICAL SCIENCES

Residencies

Creighton University and its clinical departments with the cooperation of her Affiliated Hospitals offers postdoctoral programs in the major clinical specialties, including Family Practice. These are primarily residency training programs that prepare the physicians for certification in a clinical specialty. These individual programs vary in length from two to five years, depending upon the specialty or sub-specialty involved and are described in a separate brochure available from the Dean's Office.

Special Programs

Special postdoctoral programs are offered by the Department of Medicine for students qualifying for research in cardiovascular disease or metabolic disease.

Other postdoctoral programs may be arranged to meet the specific needs of the applicant. Inquiries should be directed to the chairman of the appropriate preclinical or clinical department. The names of department chairmen are listed in the Departments and Courses section of this bulletin.

GRADUATE PROGRAMS IN BASIC SCIENCES

The preclinical departments of Anatomy, Biological Chemistry, Physiology, and Medical Microbiology offer graduate programs leading to the Master's and Doctor's degree in the basic sciences. The Department of Pharmacology offers a program leading to the Master's degree. For a description of these programs see the Graduate School Bulletin.
Preliminary inquiries concerning entrance requirements should be directed to the Dean of the Graduate School.

**LIVING ACCOMMODATIONS**

Creighton University offers on-campus housing facilities for single full-time undergraduate students (both men and women) from out of town, and, if space is available, for single professional school or graduate school students who may desire to live on campus. In addition, Creighton University is currently attempting to place married students in University housing close to the main campus.

The accommodations of the several University residence halls are available under a combined board and room contract plan, which provides for ten, fifteen, or nineteen meals (cafeteria style) per week, according to the plans outlined below.

Meals are served in dining areas located adjacent to the residence halls. Carefully planned menus assure a well-balanced variety of nutritious and appetizing foods. Snack bar service is also available.

Should married student housing become available, a meal plan to serve those couples living in University housing will be planned.

All residence hall space comes under the combined board and room plan. The combined board and double room rates *per semester* for men and women in University residence halls effective August 1979 are:

- **Plan A**: Double room and 19 meals per week ................. $738.00
- **Plan B**: Double room and 15 meals per week (Monday thru Friday) ........................................... $715.00
- **Plan C**: Double room and 10 meals per week (Monday thru Friday) ........................................... $700.00
- **Plan D**: (The Palms) Double room, Continental breakfast and dinner (Monday thru Friday) ................. $673.00

The cost of board and double room for an academic year (two semesters) would be twice the amounts shown above. Bed linen, laundry service and pillows are not included. Under Plans B and C, the number of meals specified per week are for the periods Monday through Friday.

Students not living in the dormitories are offered a contract plan for board at a cost of $376.00 (19 meals), $353.00 (15 meals), and $338.00 (10 meals) per semester.

Board and room charges are payable at the time of registration for the semester. However, arrangements may be made with The Tuition Plan Inc., Education Funds Inc., or Academic Management Services, for paying these charges by installments (see page 25).

Board and room rates are subject to change without notice.

**Other Housing**

The Office of Housing, Room 105, Swanson Hall, maintains a directory of off-campus student housing. The actual arrangements for housing are left to the individual students.

**Married Students**

Married students must rely on off-campus housing. Omaha has always had a sufficient number of vacancies to accommodate new arrivals. However, no permanent listings can be maintained by the University. It is suggested that married students set aside some days before registration to search, inspect and contract for suitable housing.
STUDENT HEALTH SERVICE
The Student Health Service is available without fee to full-time students attending the various divisions of the University during the academic year. The academic year is listed as September to June for Freshman and Sophomore medical students, and year-around for Juniors and Seniors. A complete statement of the extent and limits of health service benefits is contained in the Student Handbook.

Students are required to submit a Confidential Health Record on the form provided. Students who fail to submit the health record will not be eligible for any Student Health Service benefits.

When ill, students are expected to call at the Health Center Office. Nominal charges may be made for necessary x-ray and/or laboratory work. Prescriptions can be filled at the School of Pharmacy Dispensary at nominal cost. All prescriptions are on a cash and carry basis only. If it is found necessary to refer the student to a physician or surgeon for consultation, the cost must be borne by the student or his/her insurance program.

The student is under obligation to pay any indebtedness to a physician or surgeon and to the Dispensary or to the hospital before the final examinations of the current academic year.

St. Joseph Hospital has established the following policy regarding discount to hospitalized medical students and their dependents:

- Insurance payments of 80 per cent or more will be accepted as full payment for hospitalization.
- Medical students and their dependents without health insurance will be financially evaluated by the Director of Patient Accounts. As a general rule they will be billed a maximum of 80 per cent of the bill to the amount of $500 and 50 per cent of any charges exceeding $500. Students requiring these arrangements must contact the Director of Patient Accounts as soon after admission as possible.
- Upon application medical students will receive a 20 per cent discount on all emergency and outpatient billing. (They will not receive a discount for routine outpatient services that could be accomplished at the Creighton Health Center.)

STUDENT HEALTH AND ACCIDENT INSURANCE
The University offers the opportunity for students to obtain on a voluntary basis accident and sickness expense protection. A complete announcement of the insurance plan will be sent to each student and prospective student during the summer preceding registration.

PROFESSIONAL SOCIETIES
All medical students belong to the Creighton Medical Student Government. Membership in the national organization of the American Medical Student Association is available to interested students on an optional basis. Student membership in the Nebraska Medical Association is also available to students enrolled in the School of Medicine.
HONORS AND PRIZES

Membership in Alpha Omega Alpha Honor Medical Society is awarded for scholarship, personal honesty, and potential leadership in the field of medicine. Alpha Omega Alpha is a national honor medical society founded in 1902. The Creighton Chapter was chartered in 1956. The most prominent requisite for membership is evidence of scholarship in a broad sense. The motto of the society is "Worthy to serve the suffering."

Membership in Alpha Sigma Nu is awarded for scholarship, loyalty and service. Alpha Sigma Nu is a national Jesuit honor society for men and women established in 1915. Chapters exist in the Jesuit universities of the United States. Membership may be earned by students in each division of the University, including the School of Medicine.

American Medical Women’s Association Scholarship Achievement Award for the female student who graduates in the top ten per cent of her class.

The Irving Bernstein Award of $100 is given to the freshman medical student who receives the top grade in physiology.

Children’s Memorial Hospital Regional Poison Control Center — Poison Control Fellowship Award of $500 for investigative work and publication to a senior student.

The CIBA Award for Outstanding Community Service, a complete set of Netter Atlas volumes, awarded to the sophomore student who has performed laudable extracurricular activity within the community.

The Creighton University Surgical Society Award of $150 is made to the senior student who most exemplifies the qualities of the surgeon — scholarship, integrity and human dedication to the surgical patient, his problem and care.

Lange Medical Publications Certificates of Excellence to two senior students who are outstanding academically and in their clinical performances; two junior students, two sophomore students, and two freshman students for excellence in their studies.

The Merck Manual Award to outstanding students in medical studies.

Mosby Scholarship Book Awards for scholarship and leadership.

Nebraska Medical Foundation Research Scholarship of $1500 is awarded to an undergraduate medical student for a research program.

Outstanding Pediatric Student Award by Nebraska Chapter of American Academy of Pediatrics presented by the Department of Pediatrics in the School of Medicine.

Ethel Perer Award is presented to the woman graduating senior student who has the highest grade-point average.

The Dr. William A. and Ethel Perer Annual Biochemistry Award of $250 in honor of Dr. Nicholas Dietz is awarded to the graduating senior best exemplifying excellence in both basic and clinical biochemistry.

The Dr. Adolph Sachs Award of $150 is awarded to the graduating senior who has attained the highest four-year grade average in the School of Medicine.

The Upjohn Medical Achievement Award of $150 is awarded to the graduating senior who is selected as best exemplifying the future physician through scholarship, character and leadership.
SPECIAL LECTURES

The Fletcher A. Miller Annual Surgery Lecture

Doctor Fletcher A. Miller was Professor of Surgery and Chairman of the Department of Surgery at the Creighton University School of Medicine from 1963 to 1971. During that period of time he stimulated a unique interest in gastroduodenal and esophageal physiology. Under his leadership and direction, the first basic thrust in surgical research was initiated at Creighton. Because of this and Dr. Miller's unique ability in the teaching of surgery to medical students, this annual lectureship was established by the Department of Surgery to continue interest in gastrointestinal physiology and as an appreciation for the role he played during the years of his leadership.

Earl A. Connolly Memorial Lectureship

In honor of the late Dr. Earl Connolly, a distinguished professor in the Department of Surgery at the Creighton University School of Medicine, a visiting professorship has been established, made possible through contributions by his family and friends to the E. A. Connolly Memorial Fund.

This professorship is designed to reflect the clinical interests of Dr. Connolly during his lifetime, and in recognition of his contributions to the Department. The professor selected for this honor will reflect those characteristics of Dr. Connolly which are well remembered: Clinical excellence, compassion for patients, a persistent interest in undergraduate and graduate teaching, and the high moral fiber of his character. The Department of Surgery at Creighton University is pleased to have as one of the highlights of its academic year, this visiting professorship.

THE ALUMNI ASSOCIATION

The Creighton University Alumni Association of graduates and former students was formed in 1892 to provide an organization through which they could continue the friendships and associations developed during their student days on the "Hilltop." The constitution adopted in 1926 set forth its purpose "...to promote good fellowship and cooperation among the alumni of Creighton University, to increase the influence and to assist in the material development of the University."

The administration of alumni activities is handled in the Alumni Office under supervision of a Director of Alumni Relations. All activities are carried out under policies established by the Alumni Council, the governing board of the Association, and executives of the University. The Council is composed of at least two alumni representing each of the Schools and Colleges of the University, each elected to three-year terms. Its officers are President, Vice President, and Secretary, who are elected for one-year terms; Treasurer (the Director of Alumni Relations), and a Moderator.

Among the activities sponsored by the Alumni Association are the Annual Alumni Summer Picnic, the Creighton Alumni Merit Awards Banquet, the Senior-Alumni Receptions, and annual alumni class-reunion dinners for the various Schools and Colleges. In addition, each of the 64 alumni clubs in as many cities across the country, hold social meetings at least once a year. University officials make a special effort to attend all of these.

Individual files of over 23,000 alumni are maintained in the University Relations Division Data Center.
ADMISSION

It is the admission policy of Creighton University to accept qualified students within the limits of its resources and facilities. See also the University's Nondiscrimination Policy on page 13.

This publication contains the most current information available on the subjects covered as of the date of publication. However, this publication is not an offer to enter into a contract. Final selection of applicants to be admitted shall be made by the University, which reserves the right to deny admission to any applicant for any lawful reason. The University also reserves the right to modify or eliminate University rules and policies, including without limitation: admission requirements and criteria; course offerings, or locations or frequency thereof; course content; grading requirements and procedures; degree requirements; tuition, fee and board and room rates; financial assistance programs; substantive or procedural student disciplinary rules; and support services, and to apply any such modifications to any student without regard to date of admission application or enrollment.

Students accepted by the Admissions Committee enter the School of Medicine only at the beginning of the school year for which they are accepted and registration is closed one week after instruction has started for the first semester.

APPLICATION PROCESS

Application is made through the American Medical College Application Service (AMCAS). Forms for making application for admission are obtainable from the AMCAS office at 1776 Massachusetts Avenue, N.W., Washington, D.C., 20036. Applications must be filed between June 1 and December 15 of the year preceding the year in which the applicant desires to enter.

All of the AMCAS requirements for credentials must be complied with and materials submitted to the Washington office. The application will then be forwarded to the Creighton University School of Medicine by the AMCAS. A $25.00 service fee is required upon request by the School for filing and processing the application. This fee is not refundable.

All supplementary information requested to complete the AMCAS application must be received at the admissions office of the Creighton University School of Medicine by February 15.

REQUIREMENTS FOR ADMISSION

The minimum educational requirements for admission to the School of Medicine are as follows:

1. Graduation from an accredited high school.
2. Three years of study in an approved college of arts and sciences. A minimum of 90 semester hours, exclusive of credit in military science, physical education or similar courses, must be obtained before final acceptance may be given. All requirements should be completed by June 1 of the entrance year.

If other factors to be considered are equal, preference will be given to those applicants who have obtained a Bachelor's degree.

College studies prior to admission to a school of medicine should include subjects proper to a liberal education. They are usually best taken within the framework of a Bachelor's degree program. The following courses are required because they are considered essential for the successful pursuit of the medical curriculum:
Biology (with lab) ................................................................. 8 sem. hrs.
Chemistry, Inorganic (with lab) ............................................. 8 sem. hrs.
Chemistry, Organic (one year, with lab) .............................. 8-10 sem. hrs.
English .................................................................................. 6 sem. hrs.
Physics (with lab) ................................................................. 8 sem. hrs.

Although no additional science courses are required, applicants may pursue a
baccalaureate program with a science major or with a major in any field of liberal
arts, except military science. Such majors should be appropriate to their interest
such as English, foreign language, history, literature, political science, psychology,
or sociology. Up to 27 hours of credit earned under advanced placement, CLEP,
and/or P/F status are acceptable.

Courses in reading skill and reading comprehension are strongly recommended
for any medical school applicant.

Further Requirements and Selection of Applicants

Applicants should take the Medical College Admission Test examination (MCAT)
in the spring of the year preceding their entry into medical school. September test
results can be used in the evaluation of applicants who are not applying under the
Early Decision (ED) program.

An evaluation by the Committee on Recommendations of the applicant's college
is required. This evaluation should be sent by the Committee on Recommendations
directly to the Assistant to the Dean for Medical Admissions at Creighton
University. If the applicant's college does not have such a committee, one
recommendation should be submitted by the official premedical adviser, and one
by each of the two faculty members (one science and one non-science) selected by
the official premedical adviser.

Each applicant is required to write a two- or three-page autobiography to be
submitted as part of the formal application.

Applicants must be able to perform the physical and manual functions necessary
to the performance of medicine. Before matriculation, accepted applicants are
required to submit to the Student Health Service a Confidential Health Record.

Fulfillment of the specific requirements does not insure admission to the School
of Medicine. The Committee on Admissions will select those applicants whom they
judge to be best qualified for the study and practice of medicine. In evaluating the
applicants, consideration will be given to all of the qualities considered to be
necessary in the physician. Intellectual curiosity, emotional maturity, honesty, and
proper motivation, in addition to proven scholastic ability, are of the utmost
importance.

Acceptance Procedures — Reservation and Deposit

Each applicant will be informed in writing by the Dean of the School of Medicine
of the outcome of his or her application.
Within fourteen days following the date of an initial acceptance for a place in the
Freshman class, the applicant must have a written reply to the Director of
Admissions.

Prior to March 1 this written reply may be:

1. Formal reservation of the place offered by paying the $100 enrollment
reservation deposit. (Such deposit will be refunded upon request made prior
to March 1.)

2. Refusal of the place offered and withdrawal of application.
On or after March 1, an applicant offered a place in the Freshman class must, within two weeks, make a formal reservation by paying the $100 enrollment reservation deposit or withdraw his application. After March 1, deposits are nonrefundable. Deposits are credited to the first semester’s tuition.

**ADVANCED STANDING**

Admission with advanced standing into the second or third year will be considered for qualified applicants whenever places are available in these classes. The number of such places will be determined by the total facilities of the School for accommodating students in each class and by over-all student attrition during any given year.

To qualify as a candidate for admission with advanced standing, one of the following requirements must be met:

1. The applicant must be enrolled and in good standing in a U.S. medical school that is approved for granting the M.D. degree or for giving the basic science courses leading to the M.D. degree. Transfer students from such U.S. medical schools will be given top priority.

2. The applicant must hold an advanced degree from or be enrolled in good standing in an approved U.S. graduate or professional school in which the required basic science courses are taken with and in competition with medical students. These students will be given second priority.

3. The applicant must be a U.S. citizen enrolled and in good standing in a foreign medical school as approved by the World Health Organization.

All advanced standing candidates must take and successfully complete Part I of the National Board of Medical Examiners series. However, applicants seeking admission to the second year may be required to show proficiency only in Anatomy, Biochemistry, and Physiology (Freshman-year disciplines).

The Advanced Standing Committee of the School of Medicine is composed of the chairman of each of the basic science departments and the Assistant Dean for Student Affairs. These individuals will make the determinations on applications received for advanced standing admission.

**REGISTRATION**

Registration for the First and Second Semesters of all four years must be completed on the appointed day as indicated in the School of Medicine calendar. Students failing to register during the specified time are subject to the late registration fee of $25.00.

**STUDENT EMPLOYMENT**

The curriculum of the School of Medicine requires the full time and energy of all medical students. Since it is believed that outside work greatly interferes with medical education, such work is not generally approved. Summer employment is permitted following the Freshman year. **This is the only summer free for full-time employment.**
TUITION AND FEES

Tuition and fees are payable in advance for an entire semester and are subject to change without notice.

Application for admission fee .................................................. $ 30.00

Enrollment reservation deposit required of applicants when accepted for admission — credited to tuition .................. 100.00

Tuition per semester (effective June 1979) for courses in medical curriculum .......................... 2,805.00

Tuition per semester (effective June 1980) for courses in medical curriculum .................. 3,148.00

Late registration fee .................................................. 25.00

Special examination fee, each examination ...................................... 15.00

Graduation fee payable when applying for degree ......................... 25.00

Transcript fee for each transcript .................................................... 1.00

Loss or damage to University property and equipment and excessive use of laboratory materials are charged to the student or students responsible.

ESTIMATING BASIC COSTS

A medical education of necessity involves a considerable expenditure of funds by the student as well as by many others who contribute to the support of the many activities of a school of medicine. Advice, and assistance when possible, is available to students with financial problems. However, the University must presume that those who seek admission will be able to meet the financial obligations which occur during the four years of the medical school program.

In addition to the regular expenditures for daily living, the costs of tuition, textbooks and instruments will approximate the following amounts, which are subject to change. The tuition is at the rate effective June 1979. The applicant for admission should assume that the annual tuition will change and is likely to increase each year during the four years of the medical program. The cost of textbooks and instruments is based upon requirements and estimated prices for the 1979-80 year.

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TEXTBOOKS AND INSTRUMENTS

At the time of each semester registration all students must provide themselves with

1. Registration is not complete until financial arrangements have been made.
2. Students registering for less than 75% of the regular full-time program for a given year are part-time students and are charged tuition on a prorated per-credit-hour basis.
3. Transcripts and grade reports are released only when outstanding balances have been paid.
4. The estimated cost of instruments for the first two years includes an allowance of $125 for microscope rental.
the textbooks, supplies and instruments prescribed. A list of these is provided by each department. A list of the prescribed textbooks is also on file at the Campus Store. These books, supplies and instruments are indispensable for the proper study of medicine. Students are required to purchase them at the time specified and retain them in their possession until graduation.

FINANCIAL ARRANGEMENTS

Tuition and fees, and board and room charges are payable at the time of registration for a semester. However, arrangements may be made with one of three external financing organizations for paying these charges for the school year by installments: The Tuition Plan Inc., Education Funds Inc., or Academic Management Services. The programs of these national organizations are available to parents and guardians of Creighton students and are convenient for financing college costs out of regular income. Under these deferred payment systems the costs may be spread over one to four years. Folders describing the payment plans and services of these organizations are mailed to prospective and returning students during the summer.

Books and supplies may be purchased at the University's Campus Store. These items must be paid for when they are obtained.

Students are invited to pay tuition and other expenses by personal check or money order. This is recommended especially to avoid the risk involved in carrying large amounts of cash. All students, particularly those from out of town, are urged to establish checking accounts in Omaha or hometown banks. The University will cash small checks for students.

WITHDRAWALS AND REFUNDS

Students withdrawing before the end of a semester will be charged tuition and recurring fees on the following basis:

<table>
<thead>
<tr>
<th>Period of attendance from date of enrollment</th>
<th>Per cent of the semester rate to be charged</th>
</tr>
</thead>
<tbody>
<tr>
<td>During the first week</td>
<td>10%</td>
</tr>
<tr>
<td>During the second week</td>
<td>20%</td>
</tr>
<tr>
<td>During the third week</td>
<td>40%</td>
</tr>
<tr>
<td>During the fourth week</td>
<td>60%</td>
</tr>
<tr>
<td>During the fifth week</td>
<td>80%</td>
</tr>
<tr>
<td>Over five weeks</td>
<td>100%</td>
</tr>
</tbody>
</table>

Refunds of room rent for voluntary withdrawals will be on the same basis as refunds of tuition.

Non-recurring fees, the application fee, the registration fee, and penalty fees will be charged in full, regardless of the period of attendance.5

No refund is granted a student who after the final date for late registration withdraws from a course or courses while continuing with the remainder of his program.

A student will be considered as having withdrawn from the University after two consecutive weeks of unexplained absence. However, this policy is not to be considered as revoking the regulation which requires a student to notify the Dean in person or in writing of his withdrawal. Refunds are made to the student on the basis of the date he has formally notified the Dean in person or in writing of his withdrawal.

5. The nonrecurring, penalty, and special service fees include late registration, special examination, and transcript fees.
STUDENT FINANCIAL AIDS

Financial aid available for medical students is described below. Students wishing financial aid should review this material and familiarize themselves with the various programs. Student financial aid is not available for students who are not citizens or permanent residents of the United States or its possessions. Financial aid benefits previously granted to undergraduates do not necessarily extend into the School of Medicine or other professional schools.

All forms and inquiries regarding financial aid for medical students should be directed to the Student Financial Aid Office, Creighton University, 2500 California St., Omaha, NE 68178. Telephone: (402) 449-2731.

APPLICATION PROCEDURES

1. Apply for admission to Creighton's School of Medicine. No financial aid commitment can be made until a student is accepted for admission.

2. Complete the Financial Aid Form (FAF). This application is produced by the College Scholarship Service (CSS) and is available at high school guidance offices and university financial aid offices after November 1. This form is sent to CSS and takes approximately four weeks to process. You should not complete or mail this application to CSS until after January 1. All parental information requests on the FAF must be completed. Applications without parental income will not be considered for need-based aid.

3. Students who have attended other postsecondary institutions prior to Creighton must forward a Transfer Supplement to each institution and insure that each institution returns the completed form to Creighton. These forms are required even if no financial assistance was received from other institutions. NO DISBURSEMENT WILL BE AUTHORIZED UNTIL ALL TRANSFER SUPPLEMENTS ARE RECEIVED. This form can be obtained from the Creighton Financial Aid Office.

4. Students are notified by an award letter, which must be signed, notarized and returned to Creighton if the student wishes to accept the aid offered.

It is recommended that application for financial aid be made between November 15 and March 1 preceding the fall semester in which one plans to enroll. Early application is desirable in order to insure the availability of funds. However, no student will be considered for or granted financial aid until that student is accepted by the University for admission and/or is in good standing with the University.

DISBURSEMENT AND USE OF AWARDS

All financial aid advanced by Creighton University must be used to pay tuition, fees, and University board and room charges before any other direct or indirect educational costs. The stated limits refer to the maximum amount of a loan or grant; the specific amount awarded will be governed by the need of the student and by the funds available at the time of application. Ordinarily, one half of the total annual award will be available at registration each semester.

GOVERNMENT GRANTS AND SCHOLARSHIPS

Scholarship Program For First-year Exceptional Financial Need

The purpose of this program is to provide financial assistance without a service obligation in order to encourage first-year students of exceptional financial need to pursue a career in specified health professions.

CREIGHTON UNIVERSITY
A student must be enrolled full time in the first year of study in an area of health professions and demonstrate an exceptional financial need by completing an approved need analysis form (FAF). A student may have no other resources available other than summer savings and/or loans to qualify for consideration. A student is required to report all FAF information including parents' income regardless of the student's taxable status. The scholarship will provide a student with tuition and all reasonable educational expenses, including fees, books and laboratory expenses, and a monthly stipend for a twelve-month period. The Federal government offers each institution a limited number of these scholarships each year. A scholarship committee from the School of Medicine is selected to determine which students are eligible under Federal regulations to receive assistance from this program.

**Indian Fellowship Program**

The Indian Fellowship Program is authorized by the Indian Education Act of 1972. It provides fellowships to Indian students pursuing graduate study in medicine or related fields, and in other designated fields of study. A fellowship may be awarded for up to four years and provides tuition, fees, books, supplies, a monthly stipend and dependency allowance.

Eligible applicants are qualified Indian students or prospective students. The purpose of the award is to enable Indian students to pursue a course of study of not more than four academic years leading toward a post-baccalaureate degree or an undergraduate degree in designated fields of study. The deadline for application is late January, prior to the following fall enrollment. For an application, contact: Indian Fellowship Program, Office of Indian Education, U.S. Office of Education, 400 Maryland Avenue, S.W., Washington, D.C. 20202. Telephone (202) 245-2975.

**National Health Service Corps Scholarship**

The commitment of a National Health Service Corps Scholarship is to provide health care in areas that are under-served or have a shortage of health-care professionals. This program gives generous financial support to eligible students of medicine, osteopathy, and dentistry and requires, in return, a commitment to serve people in shortage areas.

Recipients of this scholarship receive benefits to pay tuition, fees, books and supplies, and other educational expenses in addition to a monthly stipend for a twelve-month period. Students in their first, second, and third years of professional study receive priority under this program. Students who receive these scholarships may generally expect continual scholarship support through their senior year provided that funds continue to be available. For each year of scholarship support a recipient is required to serve a year of full-time clinical practice in a manpower-shortage area. Two years is the minimum service. Students wishing additional information on this program may contact the Financial Aid Office. For application, write: The National Health Service Corps Scholarship Program, Center Building, Room 5-44, 3700 East-West Highway, Hyattsville, MD 20782 or call, toll free, (800)-638-0824.

**Army, Navy, Air Force Scholarships**

Students should contact the nearest service recruiting office to request additional information on these particular scholarships. The terms of the scholarships are very similar to the National Health Service Corps Scholarship Program.

**UNIVERSITY SCHOLARSHIPS**

The following scholarship funds are available from annual gifts and endowments for medical students:
Isaacson Trust Scholarship
Mrs. Lena Lorge Scholarship
Dr. Joseph M. Shramek Scholarship
John A. Gentlemen Scholarship
Frances and Dolores Taylor Scholarship
Edward R. West Scholarship
Ruth West Scholarship
Dr. Charles W. Mayo Medical Scholarship
Dr. Adolph Sachs Prize Funds
General Mills Foundation for Minority Students
Wander Foundation Scholarship

LOAN PROGRAMS
Long-term Loans
Health Professions Loan (HPL)

To qualify for assistance under this program a student must demonstrate exceptional financial need as defined by the Federal regulations. The maximum loan that may be awarded per academic year is $2,500 plus tuition. Interested students must complete the Financial Aid Form and in all cases parents’ financial aid information must be included regardless of taxable status. No awards may be made to a student under this program unless parents’ information is provided. The loan is repayable over a ten-year period, which begins one year after the student ceases to pursue a full-time course of study. The loan carries an interest rate of seven per cent which does not start to accrue on the principle until repayment commences.

Interest shall not accrue on the loan and installments need not be paid during the following periods: (1) while serving on active duty as a member of a uniformed service of the United States for up to three years; (2) while serving as a volunteer under the Peace Corps Act for up to three years; and (3) while pursuing advanced professional training, including internships and residencies.

National Direct Student Loan (NDSL)

This program offers a three per cent loan to students demonstrating a financial need. Medical students may borrow a maximum of $10,000 for their total medical study. The total of $10,000 will include any other National Direct Student Loan money that one may have received previous to enrollment in Creighton’s School of Medicine. The principle and accruing interest will commence at nine months after one ceases to be at least a half-time student. No repayments are required for up to three years while serving in the armed forces, Peace Corps or Vista. The Financial Aid form is required when applying for this type of assistance. Students are requested to include parental financial information on the Financial Aid Form.

Guaranteed Student Loan (GSL)

The Guaranteed Student Loan is a long-term, low-interest loan provided to students to help offset their educational expenses. A student must attempt to secure this loan from an outside lender such as a bank, savings and loan association, credit union or state lending agency. Medical students at Creighton University are allowed under Federal regulations to borrow up to $5,000 per academic year. The total aggregate that a student may borrow is $15,000 which includes the total of any Guaranteed Student Loan Funds previously borrowed.

Repayment of the loan normally begins nine to twelve months after one graduates or ceases being at least a half-time student, and one may be allowed up to ten years to repay the loan. The amount of payments depends upon the size of the debt and one’s ability to pay but, in most cases, one must pay at least $360 a year unless the lender agrees to a lesser amount.
No repayments are required for up to three years while serving in the armed forces, Peace Corps, or full-time volunteer programs conducted by Action. In addition, a deferment is available anytime that one returns to full-time study at an eligible institution or is pursuing a course of study under a graduate fellowship program approved by the Commissioner of Education. A single deferment for a period of not more than one year is also provided for students who are unable to find full-time employment.

Application — Normally the loan application is obtained from the lending institution. Applications are also available from the Creighton Financial Aid Office. After the student fills out his/her portion of the application, the school must complete its section certifying enrollment, cost of education, academic standing and other financial aid that has been awarded. The student then presents the application to the participating eligible lender. If the lender agrees to make the loan, the lender seeks approval from the Office of Education and then disburses the loan to the student in one or more payments. If the student defaults on the loan and the lender is unable to collect, the guaranteed agency or the Federal government will take action to recover the loan. If the student becomes totally and permanently disabled or dies, the Federal government will discharge the insured loan obligation.

NOTE: The Guaranteed Loan takes a minimum of six (6) weeks processing time. Application should be submitted to the Financial Aid Office at least eight (8) weeks prior to registration to insure the check is available at that time.

Creighton University Guaranteed Student Loan

This should be considered a loan of last resort. If a student is unable to obtain a Guaranteed Student Loan from other sources, the University will consider any student upon presentation of a letter of denial from a lender.

Knights of Columbus Guaranteed Student Loan

This loan, established in 1971, is available to members of the order in good standing, their wives or children. The same provisions as found in the previous section (GSL) are in effect for this program. Requests for information should be directed to Knights of Columbus, Student Loan Committee, P.O. Drawer 1670, New Haven, CT 06507.

Health Education Assistance Loan (HEAL)

The HEAL Program is designed to make funds available to eligible students in the area of health professions. Medical students are eligible to borrow a maximum of $10,000 per year up to a total aggregate of $50,000.

The funds received from this loan program must be used as under any other Federal program to meet educational expenses. There is no Federal interest subsidy under this program. The interest rate may not exceed twelve per cent per annum of the unpaid balance of the loan. Interest may be paid by the student on an ongoing basis or accrued until repayment begins nine to twelve months after formal training.

A deferment of up to three years may be granted to borrowers who have returned to full-time study at an institution of higher education, training in an intern or residency program, or serving in the armed forces, Peace Corps or specified programs under the action of the National Service Corps. Borrowers may take from 10 to 15 years to repay the loan once repayment commences.

This loan must be secured from an outside lender. Applications may be requested from the lender or the Financial Aid Office.

Robert Wood Johnson Loan Fund Administered by the United Student Aid Fund, Inc.

A student is eligible to borrow under this program if enrolled in a school of
medicine or dentistry. A student may borrow from $500 to $5,000 per year to a total of $17,500 during training. Within three months after graduation, one must arrange a repayment schedule with the bank that loaned the funds. For up to three years after graduation, one must repay only interest. This is the grace period. After the grace period, minimum monthly payments of at least $50 are due, and students may arrange for up to 10 years to repay this loan. The loan applications for this particular program may be secured from the Financial Aid Office. This is a last-resort form of financial aid.

New York State Loan Program for Health Professions Students

The state of New York provides its residents with a Health Professions Loan Program in the maximum amount of $7,500 per year. Students may borrow a total aggregate of $30,000. The interest rate is seven per cent, and there are no interest subsidies available. Students completing their programs have a 36-month grace period before going into repayment. Students must utilize their annual eligibility under the Federal Guaranteed Student Loan Program prior to being considered for this loan. For additional information, contact New York State Higher Education Services Corporation, Empire State Plaza, Tower Building, Albany, NY 12255, or contact the Student Financial Aid Office.

American Medical Association (AMA) Loans

These loans are granted to any medical student after he or she has completed the first semester in medical school in good standing. The interest rate on the particular loan varies and the student must pay the interest annually. The maximum that a student may borrow for one year is $2,500. The maximum that a student may borrow while in medical school is up to $10,000 under the AMA Loan Program. However, when a student has an accumulation of $20,000 of outstanding loans of any type AMA will no longer consider that student for future funding. This is high-rate-of-interest money and should be utilized as a last resort. Applications may be obtained from the Financial Aid Office.

Nebraska Medical Foundation Loans

The Nebraska Medical Foundation is similar to the AMA Loan fund in that a student may borrow from $300 to $2,500 in an academic year. In order to apply for the loan, the student's parents must be residents of the State of Nebraska. The variable interest rate on the loan will accrue while the student is in school and during his or her residency. Once again, this is a very high interest loan program and the Financial Aid Office encourages students to pursue other avenues prior to accepting or borrowing from this loan program. Additional information and application may be secured from the Student Financial Aid Office.

Nebraska Medical Student Loan Program

Recognizing that many areas of Nebraska face a critical shortage of physicians, the Nebraska Legislature enacted legislation authorizing loans to be granted to medical students who plan to practice in physician-shortage areas of the state.

In order to become eligible for a loan under this program, a student must be a resident of Nebraska and be enrolled or be accepted for enrollment as a full-time medical student at either the University of Nebraska Medical Center or Creighton University School of Medicine. Preference is given to applicants who plan on a career in one of the primary specialties and who are motivated to practice in a physician-shortage area.

Loans are granted for a maximum of $7,000 annually. Individual students may receive loans for up to four years of medical education.

If you apply for and receive a loan under this program, you must agree to practice medicine in a physician-shortage area of Nebraska for one year per each
year of financial assistance provided. The loan is to be repaid over a period of a year equal to three years for each year one received a loan. You need not begin repaying the loan until you have completed your service obligation.

The interest on the loan principal is set at 1% per year, and does not begin accruing until you graduate from medical school. Additional information and application may be secured from the Student Financial Aid Office or by contacting the Nebraska Commission on Rural Health Manpower, c/o Nebraska Department of Health, P.O. Box 95007, 301 Centennial Mall South, Lincoln, NE 68509, telephone (402) 471-2133.

UNIVERSITY LOAN FUNDS

Long-term Loans — to be repaid after graduation

The following loan funds are available for a limited number of long-term loans for medical students. There is no interest on the loan while the student is in school. June 1 of the year after graduation an interest rate of 6% will start to accrue. Students have five years after graduation to repay the loan with a 10-20-30-40 payback schedule.

The W. K. Kellogg Foundation Loan Fund
The Eli and Teena Lane Loan Fund
Clair J. Gibson and Richard F. McLaughlin Loan Fund
Dr. Louise McGuire Memorial Loan Fund
Jessie Smith Noyes Foundation Loan Fund
Charles Pfizer and Company, Inc. Loan Fund
St. John Hospital, Santa Monica-Creighton University School of Medicine Loan Fund (Halper Foundation)
Doctor Joseph M. Shramek Loan Fund
C. and C. Swanson Foundation Loan Fund

Eligibility: Students in good academic standing with demonstrated need.

Amount: Varies depending on individual situations

Purpose: To be used for tuition only.

Robert Wood Johnson Loan Fund—Generally limited to junior and senior students demonstrating a financial need. Repayment commences one year after graduation or until residency requirements are completed.

Short-term Cash Loans (Six Months)

Students in need of funds to meet emergency expenses or other unanticipated educational costs may apply for short-term assistance to the Financial Aids Office. The following loans carry an interest rate of 6% and must be repaid within six months:

Creighton Circle Loan Fund
Michael Cavalieri Memorial Fund
Crenshaw Medical Loan Fund
Dean's Emergency Cash Fund
Henry and Dorothy Ogram Loan Fund
Rotary Club Loan Fund
Student AMA Emergency Loan Fund
Gary Suenaga Memorial Loan Fund
Senior Class of 1970 Loan Fund

Eligibility: Currently enrolled students in the School of Medicine

Amount: Up to $500 a year.

Purpose: To be used for financial emergencies.
ADMINISTRATION AND SUPERVISION

The University reserves the right to make changes at any time in the requirements for admission, in the curriculum of the School, or in any regulations governing the School. The University reserves the right to refuse further registration to any student believed to be incompetent in scholarship or otherwise unfit to be awarded the degree of Doctor of Medicine.

REQUIREMENTS FOR DEGREE OF DOCTOR OF MEDICINE

The medical curriculum at this and other schools is in a state of continual change. Currently, we require that students complete a prescribed curriculum in basic sciences during the first one and one-half years and prescribed offerings in clinical sciences during the second one and one-half years. The fourth year must be completed before a degree is awarded but the subject studied is chosen by the student with the guidance of a faculty adviser.

THE ACADEMIC YEAR

The academic year is divided in two semesters. These semesters are 16-week terms for the Freshman and Sophomore years and 24-week terms for the Junior and Senior years. The First Semester for the first and second years begins in late August and ends before the Christmas holidays; the Second Semester begins in mid-January and ends with the University Commencement. The Junior year begins early in July; the First Semester ends December 20; the Second Semester begins early in January and ends in mid-June. The Senior year begins in mid-June and ends with the University Commencement the following May.

There is a short Thanksgiving recess and a short break in the spring during each academic year.

ATTENDANCE REGULATIONS

Regular attendance at classes is expected of every student but not required by the School except in cases of examination. However, during the last two years of clinical activity required rotation time is expected of all students. Responsibility and obligation are part of a medical school education and are expected to be met by each individual student.

EXAMINATIONS

Examinations vary in frequency and design with the course goals set by each department. All examinations must be taken by all students and only legitimately excused absences will be considered as warranting a make-up examination for individual students. Many courses will include minor and major examinations and use laboratory performance and performance on ward rounds in the system of evaluation.

GRADING SYSTEM

The School of Medicine has used both a numerical and an equivalent letter grading system as shown below. Prior to the 1976-77 academic year the letter grades were
used to reflect the student's performance in the traditional manner on grade reports, permanent records, and transcripts. The percentage grades were used to compute a weighted numerical grade average for each student and hence determine the student's class standing (rank). This applied through the first three years of medical school education. Effective with the 1976-77 academic year, the numerical grades themselves appear on the reports and records rather than being converted to letter grades as was done in the past.

Effective with the 1978-79 academic year the percentage range for C (average) was changed from 65-79 to 70-79 and the range for F (failure) was changed from 0-64 to 0-69.

When computing averages, grades are weighted according to the credit hours assigned to the course. Each student's scholarship is reported on a numerical basis with 100 at the top of the scale. The number grades reflect the following performance levels:

<table>
<thead>
<tr>
<th>Percentage Grade</th>
<th>Letter Grade</th>
<th>Performance Grade</th>
<th>Quality Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>90-100</td>
<td>A</td>
<td>Superior</td>
<td>4</td>
</tr>
<tr>
<td>80-89</td>
<td>B</td>
<td>Above average</td>
<td>3</td>
</tr>
<tr>
<td>70-79</td>
<td>C</td>
<td>Average</td>
<td>2</td>
</tr>
<tr>
<td>0-69</td>
<td>F</td>
<td>Failure</td>
<td>0</td>
</tr>
<tr>
<td>AF</td>
<td>Failure for excessive absences</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>WF</td>
<td>Failure for unauthorized withdrawal</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>I</td>
<td>Incomplete</td>
<td></td>
<td></td>
</tr>
<tr>
<td>X</td>
<td>Absence from final exam</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SA</td>
<td>Satisfactory (pass) — credit</td>
<td></td>
<td></td>
</tr>
<tr>
<td>UN</td>
<td>Unsatisfactory (fail) — no credit</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AU</td>
<td>Audited course only — no credit</td>
<td></td>
<td></td>
</tr>
<tr>
<td>W</td>
<td>Official withdrawal — no credit</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

SA and UN are used to indicate the quality of performance in all fourth-year courses. No percentage grades are issued and, therefore, the fourth year does not contribute to the determination of rank in class. An unsatisfactory grade, however, is to be interpreted as a failure and will not be accepted for graduation credit.

The School of Medicine uses the weighted percentage grading system to determine class rank because it allows greater flexibility and a more realistic appraisal of a student's ability. The class rank is used in awarding honors and in the matching program for postgraduate positions.

**ADVANCEMENT**

Academic standing and promotion are determined by the faculty responsible for the curriculum of the year just completed. The Advancement Committee for each year is made up of the department chairman of each of the courses offered in that academic year plus an Assistant Dean who is a representative of the administration. These committees make their recommendations to the Executive Committee and to the Dean who is responsible for final action.

Promotion to the next higher class depends upon a record of acceptable conduct and satisfactory completion of the entire year's work with a minimum weighted numerical grade average of 70 and no failure outstanding in any course. Graduation depends upon the same requirements but a student's grade average cannot be altered from that achieved by the close of the third year since all fourth-year courses are graded as Satisfactory (pass) or Unsatisfactory (fail). No student will be graduated with a failure outstanding.
All students are required to take the Part I (Basic Science) and encouraged to take the Part II (Clinical Science) Examinations of the National Board of Medical Examiners as soon as they feel adequately prepared. Successful completion of these examinations is not required for promotion or graduation but may be so in the future.

GRADUATION HONORS

An honors citation upon graduation depends upon the cumulative grade-point average attained during the first three years of academic endeavor and satisfactory completion of the fourth year.

*Summa cum laude* — for a cumulative average of 94.00-100.00
*Magna cum laude* — for a cumulative average of 90.00-93.99
*Cum laude* — for a cumulative average of 87.50-89.99

DISCIPLINE

The primary purpose of discipline is educational in nature and is aimed at the development of responsible student conduct.

The University has the right and the duty to protect its educational purpose through setting and maintaining standards and regulations considered essential to its purpose. Such standards do include both dress and behavioral pattern stipulations. Regulations and disciplinary procedures are described in the *Student Handbook*. The student is referred to this booklet for further information. It should be kept in mind that suspension and expulsion are among the penalties for grave breaches of discipline.

CONFIDENTIALITY OF STUDENT RECORDS

Creighton’s policy relating to the confidentiality of student records is in keeping with the “Family Educational Rights and Privacy Act of 1974 as Amended”. Information about a student (or former student) will not be released without the request or consent of the student other than in the exceptions stated in the Federal Act. A student is also accorded the right to inspect and review his/her education records. A summary of the University’s Student Records Policy is published in the *Student Handbook*. A copy of the complete policy statement may be obtained in the Office of the Registrar or in the office of the Dean of the student’s school or college.

TRANSCRIPTS

A copy of a student’s academic record is called a transcript and is issued by the University Registrar upon written request of the student. A special Request For Transcript form is available at the Registrar’s Office, A226. A fee of $1.00 is charged for each transcript. Copies are not made of transcripts of records on file from other institutions. Any additional copy of these must be requested by the student direct from the original issuing institution.
THE CURRICULUM

The School of Medicine requires successful completion of four years of study before the Doctor of Medicine degree is awarded. All components of each of these four years must be completed before the student can be awarded the degree of Doctor of Medicine. The curriculum of these four years does change from time to time, in that additions and deletions of subject matter are continuously adapted. However, the basic concept of developing practitioners of medicine remains stable.

Since the practice of medicine consists of a proper blend of art and science, the curriculum attempts to provide a sound scientific basis for medicine prior to the development of those skills in patient-physician relationships. The growth of clinical acumen, which might be classified as the art of medicine, is the end result. The term “doctor” originally meant “learned enough to teach” and such a degree is not to be awarded frivolously.

FIRST YEAR

The curriculum of the Freshman year is devoted to the presentation of courses in Anatomy, Physiology, Biological Chemistry, Behavioral Sciences, and Preventative Medicine. In each of these major disciplines, subdiscipline courses are scheduled. The fundamentals of normal function with proper emphasis upon functional aberrations pertinent to the human body are presented. The faculty does attempt to knit these scientifically based disciplines into a pertinent whole in which their significance in understanding man as a functional organism can be appreciated as an integral part of the physician's education.

SECOND YEAR

The basic science disciplines are concluded during the First Semester of the Sophomore year. During this semester courses in Pathology, Medical Microbiology, and Pharmacology are presented. These disciplines being the scientific understanding of pathological processes and the basis of rational therapeutics. Such courses do not pretend to teach clinical medicine, but simply provide the scientific fundamentals necessary to the understanding of diagnosis and management of disease entities. During the Second Semester of the Sophomore year, the basic science and clinical faculty present a course in clinical medicine to the students. This semester is designed to correlate basic science with beginning clinical medicine in a classroom and hospital setting. This course consists of a consideration of the diseases of man organized on an organ-system basis as well as the rudiments of physical-diagnostic technics. All clinical departments in the School of Medicine contribute to this course.

THIRD YEAR

The Junior year curriculum is composed of clerkship experiences in each of the five major clinical departments. Each student is assigned to twelve weeks in the Department of Surgery, twelve weeks in the Department of Medicine, and eight weeks in each of the departments of Pediatrics, Psychiatry, and Obstetrics and Gynecology. This 48-week year allows the student to work closely with the attending physician to develop diagnostic practices and observe management principles in a clinical setting.

During the second semester of the third year, each student will choose a faculty adviser who will aid the student in designing his course of study for the fourth year.
FOURTH YEAR

The entire Senior year is a program of elective courses providing additional opportunities for advanced study and training.

Each student must complete ten four-week periods in a clinical setting. This 48-week year also allows one four-week period of vacation and one-four-week period for postgraduate position interviewing. A total of 60 credit hours (40 weeks of full-time schedule) in elective courses is required for graduation.

Electives are offered by the following departments in the School of Medicine: Anatomy, Biological Chemistry, Dermatology, Medical Ethics, Family Practice, Medicine, Medical Microbiology, Neurology, Obstetrics and Gynecology, Otolaryngology, Pediatrics, Physiology, Preventive Medicine, Psychiatry, Pathology, Radiology, Surgery, Orthopedic Surgery, and Urology. Elective offerings are described in a loose-leaf brochure which is updated and revised each academic year.

Extramural electives (away from the Creighton campus) usually are allowed. Such extramural electives are usually taken at other university-affiliated hospitals with sound teaching programs. Four such extramural electives are allowed each Senior student during the completion of his last year. The student is responsible for making all the arrangements for such extramural electives.

All elective courses are graded on a satisfactory/unsatisfactory basis and they do not contribute to the student's grade average or his class standing. However, the student must have completed at least ten satisfactory electives prior to graduation.

It should be noted that additional required clinical rotations may be required of Senior students at the expense of elective time.

HUMANITIES FOR THE HEALTH SCIENCES

Each full-time student in the School of Medicine must take one elective course each academic year from the Humanities for the Health Sciences (HHS). This program of mini-courses in the humanities, initiated in the fall of 1977, was designed especially for health professions students, hence will enroll students from various divisions of the University. Instruction is provided by faculty of several departments of the College of Arts and Sciences as well as of the School of Medicine. Each course, which involves nine or ten contact hours plus equal time in self-instruction, carries one hour of credit. The courses are described in a separate leaflet made available to students prior to registration.
**SYNOPSIS OF COURSES AND HOURS OF INSTRUCTION**

**Freshman Year**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>ANA 101 Human Gross Anatomy</td>
<td>10</td>
</tr>
<tr>
<td>ANA 107 Embryology</td>
<td>2</td>
</tr>
<tr>
<td>BCH 101 Biological Chemistry</td>
<td>10</td>
</tr>
<tr>
<td>IDC 103 Behavioral Sciences</td>
<td>6</td>
</tr>
<tr>
<td>ANA 103 Histology</td>
<td>5</td>
</tr>
<tr>
<td>ANA 105 Neuroanatomy</td>
<td>5</td>
</tr>
<tr>
<td>PHS 101 Medical Physiology</td>
<td>12</td>
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<tr>
<td>PMH 101 Preventive Medicine</td>
<td>5</td>
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<tr>
<td>HHS Humanities Elective</td>
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**Sophomore Year**

<table>
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<tr>
<th>Course</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>MIC 221 Medical Microbiology</td>
<td>12</td>
</tr>
<tr>
<td>PHR 221 Medical Pharmacology</td>
<td>10</td>
</tr>
<tr>
<td>PTG 221 Pathology</td>
<td>8</td>
</tr>
<tr>
<td>IDC 223 Introduction to Clinical Medicine</td>
<td>33</td>
</tr>
<tr>
<td>HHS Humanities Elective</td>
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**Junior Year**

<table>
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<tr>
<th>Course</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>MED 341 Medicine</td>
<td>18</td>
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<tr>
<td>SUR 341 Surgery</td>
<td>18</td>
</tr>
<tr>
<td>OBG 341 Obstetrics and Gynecology</td>
<td>12</td>
</tr>
<tr>
<td>PDT 341 Pediatrics</td>
<td>12</td>
</tr>
<tr>
<td>PSC 341 Psychiatry</td>
<td>12</td>
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</tbody>
</table>

**Senior Year**

Elective courses in the Senior Year are offered by all departments in time blocks of four weeks or multiples thereof. Six credit hours are allotted to each four-week period and 10 four-week periods are required for graduation. Six of these 10 four-week periods must be taken at Creighton Affiliated Hospitals. Four elective periods must be in Department of Medicine offerings. Two elective periods must be in Surgical offerings. Extramural electives will satisfy these requirements. 60

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*Clock hours are approximately 10 times the credit hours for the Freshman and Sophomore years and 20 times the credit hours for the Junior and Senior years.*

SCHOOL OF MEDICINE 37
DEPARTMENTS AND COURSES

The Faculty of the School of Medicine is organized in departments of instruction, which are listed here in alphabetical order. The curriculum is planned to correlate, especially during the first two years, the instructional activity of the various departments.

In addition to the courses listed in this section, each department of the School of Medicine offers a program of Senior-year elective courses. These are listed and described in a separate brochure that will be distributed to students during their Junior year of clerkship rotation.

Courses appearing in this Bulletin have been numbered according to a new system that became effective with the 1976 Fall Semester. Former course numbers are shown in parentheses after the new numbers. Courses in the Medical curriculum are numbered to correspond to the year for which offered:

- 100-199 First (Freshman) Year
- 200-299 Second (Sophomore) Year
- 300-399 Third (Junior) Year
- 400-499 Fourth (Senior) Year

The credit hours of each course are shown by the number in parentheses after the descriptive course title.

INTERDEPARTMENTAL COURSES (IDC)

First Year

IDC 103 Behavioral and Social Medicine (6)
An interdepartmental course offered as part of the Freshman curriculum by the Behavioral Sciences Division of the Department of Psychiatry in cooperation with the Departments of Public Health and Preventive Medicine, Pediatrics, and Obstetrics and Gynecology. Course includes growth and development, medical psychology, medical sociology, epidemiology, statistics, legal medicine, human sexuality, and current issues in health care. Teaching methodology includes classroom lectures, clinic presentations, video tape material, and discussion group participation.

Second Year

IDC 223 Introduction to Clinical Medicine (33)
An interdepartmental course that coordinates the efforts of clinical departments (Medicine, Surgery, Obstetrics and Gynecology, Pediatrics, Radiology, Pathology, Preventive Medicine and Public Health, Psychiatry, Neurology, Orthopedics, and Family Practice) in a system-oriented approach to the understanding of human disease. Course includes practical training in physical diagnosis, patient care by the health team, didactic lectures on disease processes and clinical conferences. Activities of all participating disciplines are coordinated by a committee, and a single Satisfactory or Unsatisfactory grade is given at the completion of the sequence. This course is presented during the second semester of the Sophomore year.

ANATOMY (ANA)

Professors Dossel (Chairman), Baumel, Hill, and Turbes; Associate Professor Luckett; Assistant Professors Dalley, Neary, and Travis; Instructor T. Quinn.

First Year

ANA 101 Human Gross Anatomy (10)
A course dealing with the regional and systemic organization of the human body on an elementary level. Lectures, conferences and dissection are included in this presentation.

ANA 103 Histology (6)
A study of structure at the tissue, cellular and subcellular levels of organization. Lectures, conferences and laboratories are utilized.
ANA 105 Neuroanatomy (3)
A basic course in the gross and microscopic anatomy of the human nervous system. Lectures, conferences and laboratory sessions are utilized.

ANA 107 Embryology (2)
A course in the basic development of tissue. Lectures and laboratory session are utilized.

**Fourth Year**

ANA 461-479 Anatomy Electives (6 each)
The Department offers various elective programs for those interested in specific areas of anatomy. The electives are offered to Senior students.

Courses will be offered at the discretion of the chairman of the Department to qualified students desiring to do graduate work leading to advanced degrees (M.S., Ph.D.) with a major in Anatomy. The Graduate issue of the Bulletin has the appropriate details. Courses are also offered by the Department of Anatomy to students in the School of Nursing, School of Pharmacy, and the College of Arts and Sciences.

**ANESTHESIOLOGY (ANE)**

Associate Professor Gordon (Chairman); Clinical Professor Green; Assistant Professors Manion and Youngblood; Instructor Harewood.

**Second Year**

IDC 223 Introduction to Clinical Medicine (33)
The Department of Anesthesiology participates by lecture in the teaching of this course.

ANE 461-462 Anesthesiology (6 each)
The Department of Anesthesiology offers two elective programs to senior students interested in Anesthesiology.
BIOLOGICAL CHEMISTRY (BCH)

Professors Rongone (Chairman), Baumstark, Fried, Gambal, Watt, and Wells; Associate Professors Babin, Carusi, Fishkin, and Lankford; Professor Emeritus Dietz.

First Year

BCH 101 Biological Chemistry (10)
Lecture and laboratory work involving the chemistry of the fundamental cell components; enzymes, hormones, body tissues and body fluids; acid-base balance; energy metabolism, carbohydrates, lipid, protein and mineral metabolism; digestion; absorption; excretion, detoxication and respiration.

Fourth Year

BCH 461-479 Biological Chemistry Electives (6 each)
The Department offers various elective programs for those interested in specific areas of Biochemistry.

Courses will be offered at the discretion of the Chairman of the Department to qualified students desiring to do graduate work leading to the advanced degrees (M.S., Ph. D.) with a major in Biological Chemistry. The Graduate School issue of the Bulletin has the appropriate details. Courses are also offered by the Department of Biological Chemistry to students in the College of Arts and Sciences.

DERMATOLOGY (DER)

Professor Fusaro (Chairman); Clinical Professor Crotty; Associate Professors Johnson and Koh; Instructor Colantoni; Clinical Instructors Dolezal, Luckasen, and Regan.

Second Year

IDC 223 Introduction to Clinical Medicine (33)
The Department of Dermatology participates in the teaching of this course.

Fourth Year

DER 461-462 Dermatology (6 each)
The Department of Dermatology offers these two elective programs for those seniors interested in training in Dermatology.

FAMILY PRACTICE (FAP)

Associate Professors Pettid (Chairman) and Haller; Associate Clinical Professor Dunlap; Assistant Professors Brown, Ceniza, Reichstadt, and Yates; Assistant Clinical Professors Baum, Becker, Brannen, Clark, Jasper,Titus, and J. D. Woodbury; Instructors Barone and S. C. Bhatia; Clinical Instructors Angel, Bevilacqua, Carlsson, Dunn, Ford, Garred, Glasbasnia, J. E. Kelly, Kramper, Mason, Mergens, Nemer, Robey, Smith, Stolarskyj, Wilhelm, Wolters, Zarbano, and Zoucha.

First and Second Years

The Department of Family Practice participates in an orientation series held on a weekly basis for all preclinical students.

FAP 461-464 Family Practice (6 each)
The Department of Family Practice offers four elective programs for those senior students interested in Family Practice.
MEDICAL MICROBIOLOGY (MIC)

Professors W. E. Sanders (Chairman) and Severin; Associate Professors Chaperon, C. Sanders, and Townley; Assistant Professors Dykstra, Giger, Goering, Knoop, O'Hara, Polly, and Preheim; Assistant Clinical Professor Wiley; Instructors Kessler and Milone; Assistant Instructors Lynam and Stendebach; Clinical Instructor MacLaren; Professor Emeritus Ferraro.

Second Year

MIC 221 Medical Microbiology and Infectious Disease (12)
A major component of the Sophomore curriculum, this course includes lectures, demonstrations and laboratory work in microbial fine structure, microbial genetics, bacterial physiology, bacterial pathogenesis, virology, mycology, parasitology, immunochemistry, immunobiology, immunopathology, immunopharmacology, and diagnostic microbiology. The treatment of infectious diseases, the epidemiology and public health of infectious diseases and the management of such diseases are included in this course presentation.

Fourth Year

MIC 461-479 Microbiology Electives (6 each)
The Department offers various elective programs for those interested in specific areas of Microbiology. MIC 468 (Infectious Disease) is a 4-week elective available to Senior students who wish to study the diagnosis, management and control of infectious disease processes.

Courses will be offered at the discretion of the Chairman of the Department of Medical Microbiology to qualified students desiring to do Graduate work leading to advanced degrees (M.S., Ph.D.) with a major in Medical Microbiology. The Graduate School issue of the Bulletin has the appropriate details. Courses are also offered to students in the School of Nursing, the School of Dentistry, and the School of Pharmacy by the Department of Medical Microbiology.

MEDICINE (MED)

Professors Clifford (Chairman), Booth, Brody, J. Egan, R. Heaney, Holthaus, Jenkins, Mohiuddin, O'Donohue, Runco, W. Sanders, Sketch, Sorrell, Sullivan, Townley, Uhl, and Wells; Clinical Professors Gurnett, Hartigan, Levin, Stoner, and Walsh; Associate Professors Campbell, Duffy, Gallagher, Matoole, Nolle, and Recker; Associate Clinical Professors Kelsey, Koszewski, Mailliard, Reedy, and Slutzky; Assistant Professors Angelillo, A. Bewtra, Bierman, Esterbrooks, Ferry, Hammek, LeBrun, H. Lynch, J.D. Lynch, C. Nair, N. Nair, Polly, Preheim, Prioreschi, Schlueter, Steffes, Swartz, Tsai, and Zencka; Assistant Clinical Professors Altsman, J. Connolly, T. Connolly, Connor, Daley, M. Dunn, R. Fangman, T. Fangman, Fleishman, Garwood, Grinnell, Hession, Jarzobski, Jasper, Landmark, G. Langdon, Massih, McDermott, Mediratta, O'Keefe, Pavelka, Shehan, Somsky, Stanosheck, Vasquez, Weaver, J. D. Woodbury, J. J. Woodbury, and Zetterman; Instructor Goldberg; Clinical Instructors Peters, Ursick, and Williams; Assistant Instructors Gayasaddin, Hee, and Laughlin; Assistant Clinical Instructor Blotcky.

Second Year

IDC 223 Introduction to Clinical Medicine (33)
The Department of Medicine participates in the teaching of this Sophomore introductory course.

Third Year

MED 341 Medicine (18)
The teaching of Internal Medicine during the 12-week clerkship phase of the Junior curriculum is divided among the separate subdisciplines of the Department of Medicine. Program consists of both in-patient and out-patient experience and is intended to provide the student with (1) a facility in obtaining historical, physical and laboratory evidence from patients, (2) experience in synthesizing and evaluating physical and biological data, and (3) an in-depth study of medical disease as exemplified by assigned patients.

SCHOOL OF MEDICINE 41
Fourth Year

MED 461-479 Medicine Electives (6 each)

The Department of Medicine offers a variety of elective programs for those interested in further training in general medicine and its subspecialties. Students are allowed to assume direct patient-care responsibility, under faculty supervision. Students are expected to acquire proficiency in therapeutics during these electives.

Postgraduate positions in the Department of Medicine are available for qualified medical graduates. Contact the Department Chairman for specific details.

NEUROLOGY (NEU)

Professors Bennett (Chairman), Ellingson, Friedlander, and Greenhouse; Clinical Professor Baker; Associate Clinical Professors Dannell, Ladwig, and Lorenzo; Assistant Professor Peters; Assistant Clinical Professors Goldner, Hertzler, Kader, Ohr, Schima, Streib, and Wolcott; Instructor Weber; Clinical Instructor Prendes.

Second Year

IDC 223 Introduction to Clinical Medicine (33)

The Department of Neurology participates in the teaching of this course.

Fourth Year

NEU 461-479 Neurology Electives (6 each)

The Department of Neurology offers a variety of elective programs for those interested in further training in Neurology.

OBSTETRICS AND GYNECOLOGY (OBG)

Assistant Professor Pierson (Chairman); Professors Baumstark, Holden, and Sheehan; Clinical Professors J. Grier, Heywood, Kvar, Kreetek, and Luby; Associate Clinical Professors Doolittle, Gawekki, Heffron, R. Langdon, Rovee, Schwartz, and Taylor. Assistant Professor Hilgers; Assistant Clinical Professors J. Fischer, Holcomb, F. Langdon, W. Murphy, Nolan, and Pruse; Instructor Holub; Clinical Instructors Abts, Armbrust, Besse, Cummins, Lanspa, McNamara, and Quinn.

Second Year

IDC 223 Introduction to Clinical Medicine (33)

The Department of Obstetrics and Gynecology participates in the teaching of this course.

Third Year

OBG 341 Obstetrics and Gynecology (12)

The third year clinical clerkship emphasizes the study and care of patients in the Obstetrics and Gynecology clinics of the Creighton Clinic and of patients admitted to the affiliated hospitals. Observation and participation in the conduct of normal labor and delivery, and observation of the management of gynecologic diseases and gynecologic surgery is encouraged. Morning seminars are held with in-depth clinical discussion of disease entities and the management of these conditions. Current literature reviews are required from clerks each week to introduce them to this research resource. An oral examination is given at the end of each clerkship to provide a comprehensive review of the clerk's understanding of this specialty.

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Fourth Year

OGB 461-479 Obstetrics and Gynecology Electives (6 each)

The Department offers various elective programs for those interested in additional training in specialized areas of Obstetrics and Gynecology.

An approved three-year residency is offered to qualified graduates who wish to specialize in the field of Obstetrics and Gynecology.

OTOLARYNGOLOGY (OTL)

Associate Professor Brookhouser (Chairman); Professors Matkin, Philips, Warr, C. Watson, and Worthington; Clinical Professor T. Smith; Associate Professors Martinez and Peck; Associate Clinical Professor DeMarco; Assistant Professors Hixon, Javel, Jesteadt, Lippmann, Lybolt, Mooney, and J. F. Peters; Assistant Clinical Professors Barton, Crowley, and Whicker; Instructors D. Cyr, J. Cyr, Globokar, Harmer, Kelly, Kroese, Peddicord, J. F. Peters, Thompson, and B. Watson; Clinical Instructors A. Cegielski and Fredd; Assistant Instructors Heidtman and Moeller.

IDC 223 Introduction to Clinical Medicine (33)

The Department of Otolaryngology participates by lecture in the teaching of the second-year curriculum.

Fourth Year

OTL 461-462 Otolaryngology (6 each)

The Department of Otolaryngology offers two elective programs for those seniors interested in clinical training in Otolaryngology.

PATHOLOGY (PTG)

Professors Holthaus (Acting Chairman), Baumstark, Lankford, Moragues, Quigley, and Sheehan; Clinical Professors Baker, Caes, Schenken, and Song; Associate Professor Burch; Associate Clinical Professors J. Fitzgibbons, Min, Sciortino, and Zeman; Assistant Professors Badakhsh, C. Bewtra, Katz, and Lee; Assistant Clinical Professors Basque, Brennan, Chung, Kilbride, Knapp, Qalbani, Shuman, and Wagner; Instructors Haynes and Ruma.

Second Year

PTG 221 Pathology (8)

A clinically relevant course covering key areas of molecular and general systemic pathology is presented. This course accents the dynamics of individual disease processes. It is directly presented and liberally supplemented by audio-visual lecture aids. The student is given lecture material prepared in advance which in turn is correlated with direct participation and autopsy discussion and presentation groups. A thorough study of the interrelationship between gross and microscopic material and clinical correlation by individual students is directed by departmental pathologists following each lecture session. During the course, exposure to various clinical syndromes and disease entities using various modalities are individually evaluated by the student and in the various department seminars.

IDC 223 Introduction to Clinical Medicine (33)

The Department of Pathology participates in the teaching of this course during the Sophomore year.

Fourth Year

PTG 461-479 Pathology Electives (6 each)

The Department offers various elective programs for those interested in specific areas of Pathology.

Residencies are available to the qualified graduate who wishes to pursue the specialty of Pathology. This four-year program encompasses detailed studies in all branches and subdisciplines of Pathology.

SCHOOL OF MEDICINE 43
PEDiATRICS (PDT)

Professors Soentgen (Chairman), Fitzmaurice, and M. McIntire; Clinical Professors Maragos and J. Mitchell; Associate Clinical Professors E. Bean, E. Brown, Glow, Grant, Look, Marsh, Murphy, and O'Neil; Assistant Professors Dincsoy and Surainder; Assistant Clinical Professors Ellison, L. Fisher, Grush, Lombardo, Pergram, Scheffel, Schrein, Uzendoski, Vanderhoof, Wax, and Wolcott; Instructors Ram and Walburn; Clinical Instructors Bickers, Heusel, Itkin, Kemp, Lubinsky, and Rush; Assistant Instructor Yacoub.

Second Year

IDC 223 Introduction to Clinical Medicine (33)

The Department of Pediatrics participates in the teaching of this course.

Third Year

PDT 341 Pediatrics (12)

Experience in clinical pediatrics is divided between hospital clerkship and outpatient department clerkship. The hospital clerkship affords the opportunity for study in depth by assignment of several cases per week per student with a maximum of full-time and contributed service instructional assistance. Outpatient clerkship under the same type of supervision is designed to allow the student to gain experience relative to a wide variety of pediatric problems.

Fourth Year

PDT 461-479 Pediatric Electives (6 each)

This department offers various elective programs for those interested in additional training in special areas of pediatrics.

Residencies are available to the qualified graduate who wishes to pursue the specialty of Pediatrics.

PHARMACOLOGY (PHR)

Professors Elder (Acting Chairman), Crampton, and Prioreschi; Clinical Professor Grinnell; Associate Professor Scholes; Assistant Professors A. Bewtra and Dowd.

Second Year

PHR 221 Medical Pharmacology (101)

Lectures dealing with the action and mechanisms of the action of drugs are presented to the Sophomore medical students. Emphasis is placed on those drugs and chemicals that have therapeutic importance and illustrate basic principles of pharmacology.

Courses will be offered at the discretion of the chairman of the Department to qualified students desiring to do graduate work leading to the M.S. degree with a major in Pharmacology. The Graduate School issue of the Bulletin has complete details.

PHYSIOLOGY (PHS)

Professors Magee (Chairman), Andrews, Badeer, Crampton, Creek, and Phillips; Assistant Professors Gale, Javel, and Rietz.

First Year

PHS 101 Medical Physiology (12)

Lectures, demonstration, and laboratory exercise dealing systemically with the normal functions of the body. The emphasis is placed on man and higher animals.
Fourth Year

**PHS 461-479 Physiology Electives (6 each)**

The Department offers various elective programs for those interested in specific areas of Physiology.

Courses will be offered at the discretion of the Chairman of the Department to qualified students desiring to do graduate work leading to advanced degrees (M.S., Ph.D.) with a major in Physiology. The Graduate School issue of the *Bulletin* has complete details.

**PREVENTIVE MEDICINE AND PUBLIC HEALTH (PMH)**

*Professors* H. Lynch (Chairman) and Phillips; Clinical Professors M. McIntire and J. Smith; Associate Professors Severin and Swartz; Associate Clinical Professor Fleischli; Assistant Professors Albano, Fain, and Hermann; Assistant Clinical Professors Becker, Patil, and Stoesz; Instructor J. F. Lynch; Clinical Instructor Barry; Lecturer Gallup.

**First Year**

**PMH 101 Preventive Medicine and Public Health (6)**

A course in basic epidemiology, statistics, genetics, community medicine, and prevention of disease.

**Second Year**

**IDC 223 Introduction to Clinical Medicine (33)**

The Department of Preventive Medicine and Public Health participates in the teaching of this course.

**Fourth Year**

**PMH 461-479 Preventive Medicine and Public Health Electives (6 each)**

The Department offers elective programs for those interested in specific areas of Preventive Medicine and Public Health.

**PSYCHIATRY AND BEHAVIORAL SCIENCES (PSC)**

Associate Clinical Professor Kenney (Chairman); Professors Bartholow and Mead; Clinical Professors J. W. Kelley and J. Mahoney; Associate Professor Fine; Associate Clinical Professors Beitenman, Dunlap, Egan, Phillips, Spiers, and Wengert; Assistant Professors Graz, Holbrook, R. Mitchell, and Tweddle; Assistant Clinical Professors Bastani, Blodig, Coats, Dahlke, D. Fischer, B. Heaney, Henderson, Henry, Kentsmith, and L. Martin; Instructors S. C. Bhatia, S. I. Bhatia, and Krajeusk; Clinical Instructors Bruett and Welch; Assistant Clinical Instructor Wilson; Visiting Professor Franks.

**First Year**

**IDC 103 Behavioral and Social Medicine (6)**

The Department of Psychiatry is responsible for the content of this course.

**Second Year**

**IDC 223 Introduction to Clinical Medicine (33)**

The Department of Psychiatry participates in the teaching of this course.
Third Year

PSC 341 Psychiatry (12)

During the Junior year every student is assigned full time to the Department of Psychiatry for a period of eight weeks. The student rotates through a number of inpatient and outpatient service assignments presenting all varieties of neurological and psychiatric disease. In addition to the bedside teaching, patient examination and observation, the student attends a series of case conference and subject seminars.

Fourth Year

PSC 461-479 Psychiatry Electives (6 each)

The Department offers various elective programs for those interested in further training in areas of Psychiatry.

An approved residency program is available to qualified students who have the M.D. degree and wish to specialize in the field of Psychiatry. The program covers three years. Contact the Department Chairman for specific details.

RADIOLOGY (RAD)

Professors N. Kenney (Chairman); Clinical Professor Zastera; Associate Clinical Professors G. Kelley, J. F. Kelly, and Saichek; Assistant Professors Dvorak, J. F. Johnson, McGill, McKenna, and P. Mahoney; Assistant Clinical Professors Collins, Jurgensen, McDonald, Phalen, and Rankin; Instructor Muilenburg and Wilmot; Clinical Instructors Conlon, Stolarskyj, and Tamisiea.

First Year

The Department of Radiology participates in the teaching of anatomy and physiology by the use of fluoroscopic and film demonstration with special reference to the anatomy of the osseous system and the anatomy and physiology of the gastrointestinal, pulmonary, and urinary tracts.
Second Year

IDC 223 Introduction to Clinical Medicine (33)
The Department of Radiology participates in the teaching of this course. Roentgen diagnosis and radiation therapy are correlated with clinical changes and pathological process.

Fourth Year

RAD 461-479 Radiology Electives (6 each)
Members of the Department of Radiology participate in the clerkship activity of the fourth-year students by offering elective programs.

An approved residency is available to qualified students who have the M.D. degree and wish to specialize in the field of diagnostic radiology. Program covers three years. Contact the Department Chairman for details.

SURGERY, OPHTHALMOLOGY, ORTHOPEDIC SURGERY

SURGERY (SUR)

Professors Organ (Chairman) and Malette; Clinical Professors Amoury, R. Fitzgibbons, Gatewood, Lempka, McCarthy, McKinney, and Mueller; Associate Professors Carnazzo, Margolis, and Schultz; Associate Clinical Professors M. Gergielski, J. Christensen, McLay, and Trafton; Assistant Professors Albano, Droszcz, Feldhaus, Fruin, Gaines, Hayes, Hughes, and Zielinski; Assistant Clinical Professors Baccari, Bleicher, Buchman, Cahoy, Dahl, Donahue, Ewig, Keig, Larson, Meyers, Monson, Moore, Morgan, Neumayer, O'Hara, O'Leary, Peetz, Peters, Saporta, and Tranisi; Instructors Birusingh, Ciurej, Fitzpatrick, R. Gross, Heieck, W. Johnson, Karpinski, MacLaren, and Wolpert; Assistant Instructor Donegan; Assistant Clinical Instructor Martyn Bierman.

Second Year

IDC 223 Introduction to Clinical Medicine (33)
The Department of Surgery participates in the teaching of this course. Through a series of didactic lectures and case presentations, sophomore students learn the pathophysiology of surgical diseases, fluid and electrolyte balance, wound healing, and related subjects. Students are taught the recognition and care of immediate and life-threatening emergencies, as well as an appreciation of professional ethics and a profound humanitarian approach to the discipline of surgery. All students participate in a Basic Life Support course and have an opportunity for certification in BLS.

Third Year

SUR 341 Surgery (18)
For third-year students, experience in the clinical discipline of surgery is gained through a twelve-week clerkship. This rotation offers eight weeks of general surgery, as well as two weeks of orthopedic surgery and two weeks of urology. In addition to outpatient clinic experience and an opportunity to participate in surgical procedures in the operating room, students attend twice-weekly staff/student seminars, weekly lectures geared to special junior student learning, grand rounds with guest professors, and weekly surgery conferences presenting a wide variety of topics relating to surgery and its subspecialties. Aims and objectives of the clerkship include teaching pre-operative and postoperative evaluation and care; improving the students' ability at history taking, physical examination, and progress notes; assisting the student in improving diagnostic ability; teaching sterile technique and familiarizing the student with operating room decorum; and increasing the student's awareness of the value of outpatient follow-up.

Fourth Year

SUR 461-479 Surgery Electives (6 each)
The Department of Surgery offers a variety of electives in Surgery, Surgery Specialties and Experimental Surgery. The aim of these electives is to broaden the exposure of the student to specific aspects of the surgical disciplines and extend his/her technical ability beyond the level achieved during the junior clerkship. This experience involves a greater degree of responsibility in the performance of his/her duties and is designed to make the student an integral part of the surgical team. Students with
career goals in surgery and a special interest in preparing for a surgical residency are encouraged to investigate enrollment in SUR 464, Surgical Honors Course, which offers clinical research and didactic modalities.

An approved residency is available to qualified students who have the M.D. degree and wish to specialize in the field of Surgery. The program covers four years. Contact the Department Chairman for details.

**OPHTHALMOLOGY (OPH)**

*Assistant Professor* Priluck (Section Chief); *Clinical Professor* Records; *Associate Clinical Professors* Greenberg, W. McIntire, and G. Christensen; *Assistant Clinical Professors* Fitzpatrick, Klein, Meyer, Peartree, and Troia; *Clinical Instructor* Ferenstein.

**Second Year**

IDC 223  **Introduction to Clinical Medicine** (33)

The Division of Ophthalmology of the Department of Surgery participates in the teaching of this course.

**Fourth Year**

SUR 463  **Surgery Elective** (6)

The Division of Ophthalmology of the Department of Surgery offers two elective programs for those seniors interested in clinical training in Ophthalmology.

**ORTHOPEDIC SURGERY (OPS)**

*Professor* Weiss (Section Chief); *Clinical Professors* Gross, Iwersen, and Jensen; *Assistant Clinical Professors* Goetowski, R. Klein, Kratochvil, Ries, and Tribulato; *Clinical Instructors* Agarwal, Bowman, Fitzgibbons, Mercier, and Paul.

**Second Year**

IDC 223  **Introduction to Clinical Medicine** (33)

The Division of Orthopedic Surgery of the Department of Surgery participates in the teaching of this course.

OPS 461-464  **Orthopedic Surgery** (6 each)

The Division of Orthopedic Surgery of the Department of Surgery offers four elective-study programs for those seniors interested in clinical training in Orthopedic Surgery.

**UROLOGY (URO)**

*Professor* Walzak (Chairman); *Associate Clinical Professors* Deeths, Martinez, and Steinberg; *Assistant Professor* Patel; *Assistant Clinical Professors* Konigsberg, Kuper, Poepsel, Rouse, and Schmitz; *Clinical Instructor* Longo.

**Second, Third and Fourth Years**

IDC 223  **Introduction to Clinical Medicine** (33)

The Department of Urology participates in the teaching of this course.

**Clinical Years**

Members of the Department of Urology participate in the clerkship activities of third-year students and the Department offers advanced training in Urology in the form of the elective program in the Senior year.

URO 461-462  **Urology** (6 each)

The Department of Urology offers two elective programs for those seniors interested in clinical training in Urology.
FACULTY

Faculty Listing Effective September 1, 1979.

ARTHUR W. ABTS, Clinical Instructor in Obstetrics and Gynecology (1953; 1964).*
M.D. Creighton University, 1931.

B.Sc., University of Lucknow (India), 1961; M.D. King George's Medical College (India), 1967.

WILLIAM A. ALBANO, Assistant Professor of Surgery (1974; 1976);
and Assistant Clinical Professor of Preventive Medicine and Public Health (1976).
B.S., Seton Hall University (New Jersey), 1967; M.D., Creighton University, 1971.

RUBEN ALTMAN, Assistant Clinical Professor of Medicine (1977).
B.S., University of Basle (Switzerland), 1959; M.D., Harvard University, 1961.

RAYMOND A. AMOURY, Clinical Professor of Surgery (1977).
B.S., Wagner College, 1951; M.D., State University of New York — Downstate Medical Center, 1955.

RICHARD V. ANDREWS, Professor of Physiology (1958; 1972).
Dean, Graduate School (1975).
B.S., Creighton University, 1958; M.S., 1959; Ph.D., University of Iowa, 1963.

JOSE V. G. ANGEL, Clinical Instructor in Family Practice (1979).
B.S., Santo Tomas de Villanueva, 1952; M.D., Bowman Gray School of Medicine (North Carolina), 1960.

VITO A. ANGELILLO, Assistant Professor of Medicine (1977).

WALTER ARMBRUST, Clinical Instructor in Obstetrics and Gynecology (1944; 1964).
B.S. Creighton University, 1936; M.D., University of Nebraska, 1940.

DONALD R. BABIN, Associate Professor of Biological Chemistry (1967; 1974).
B.S., University of New Brunswick (Canada), 1958; Ph.D., 1962.

M. EDWARD BACCARI, Assistant Clinical Professor of Surgery (1973; 1976).

SHAHROKH BADAKHSH, Assistant Professor of Pathology (1970; 1973).
M.D. Tehran University (Iran), 1964.

HENRY S. BADEER, Professor of Physiology (1967).
M.D. American University of Beirut (Lebanon), 1938.

ROBERT N. BAKER, Clinical Professor of Neurology and Clinical Professor of Pathology (1976).
B.A. Park College, 1944; M.D., University of Southern California, 1949.

EUGENE J. BARONE, Instructor in Family Practice (1979).
B.S., LeMoyne College, 1972; M.D., Creighton University, 1976.

M.D., Creighton University, 1957.

GEORGE W. BARTHOLOW, Professor of Psychiatry and Behavioral Science (1977).
B.S., University of Iowa, 1951; M.D., 1955.

CHARLES L. BARTON, Assistant Clinical Professor of Otolaryngology (1979).
B.A., Harvard University, 1958; M.D., University of Tennessee at Memphis, 1965.

GEORGE J. BASQUE, Assistant Clinical Professor of Pathology (1978).
B.S., Creighton University, 1960; M.D., 1965.

JEHANGIR B. BASANI, Assistant Clinical Professor of Psychiatry and Behavioral Science (1976).
M.B.B.S., B.J. Medical College (India), 1966; D.P.M., University of Poona (India), 1970.

CLETUS J. BAUM, Assistant Clinical Professor of Family Practice (1974).
B.A., Loras University, 1946; M.D., Creighton University, 1952.

JULIAN J. BAUMEL, Professor of Anatomy (1953; 1964).
B.S., University of Florida, 1947; M.S., 1947; Ph.D., 1953.

*The year appearing in parentheses after the academic rank and official position indicates the beginning of service in Creighton University. The second date, if given, indicates the year of appointment to present rank. Inclusion of a terminal date, e.g. "—76" indicates termination of service.
JOHN S. BAUMSTARK, Professor of Obstetrics and Gynecology (1972).  
Professor of Biological Chemistry (1972; 1979); Professor of Pathology (1974).  
B.S., Southeast Missouri State College, 1951; M.S., University of Missouri at Columbia, 1953; Ph.D., 1957.

ELMER O. BEAN, Associate Clinical Professor of Pediatrics (1950; 1975).  
B.S., St. Olaf College, 1943; B.S., University of North Dakota at Grand Forks, 1944; M.D., Bowman Gray School of Medicine, 1945.

WILLIAM F. BECKER, Assistant Clinical Professor of Preventive Medicine and Public Health and Assistant Clinical Professor of Family Practice. (1974).  
B.S., University of Nebraska-Lincoln, 1958; M.D., 1962.

EDWARD T. BEITENMAN, Associate Clinical Professor of Psychiatry and Behavioral Science (1969;1974).  
B.S., Creighton University, 1940; M.D., 1954.

DONALD R. BENNETT, Professor of Neurology and Chairman of the Department (1974).  
B.A., Virginia Military Institute, 1951; M.D., Georgetown University, 1955.

LEON G. BENSCHOTER, Assistant Professor of Biomedical Communications and Director of Bio-Information Center and Director of Biomedical Communications (1973).  
B.S., Iowa State University, 1953; M.S., University of Nebraska at Omaha, 1973.

B.S., University of Utah, 1971; M.D., Creighton University, 1975.

LEE C. BEVILACQUA, Clinical Instructor in Family Practice (1975).  
B.S., Creighton University, 1956; M.D., 1961.

AGAINDRA K. BEWTRA, Assistant Professor of Medicine (1975), Assistant Professor of Pharmacology (1977).  
M.B.B.S., All India Institute of Medical Science (India), 1967; M.D., 1973.

CHHANDA BEWTRA, Assistant Professor of Pathology (1979).  
M.B.B.S., All India Institute of Medical Sciences, 1971.

SUBHASH C. BHATIA, Instructor in Psychiatry and Behavioral Science (1977); Instructor in Family Practice (1978).  
M.B.B.S., Punjab University (India), 1967; M.D., Postgraduate Institute of Medical Education and Research (India), 1973; M.A.M.S., Indian Academy of Medical Sciences (India), 1973.

M.B.B.S., Punjab University (India), 1969.


MARTIN H. BIERMAN, Assistant Professor of Medicine (1976).  
M.D., Creighton University, 1971.

MARTYN H. BIERMAN, Assistant Clinical Instructor in Surgery (1951;1964).  
B.A., University of Missouri at Columbia, 1942; B.S., 1943; M.D., University of Louisana, 1945.

B.S., University of Nebraska-Lincoln, 1961; M.D., 1965.

JEROME E. BLEICHER, Assistant Clinical Professor of Surgery (1951;1970).  
B.S.M., Creighton University, 1944; M.D., 1945.

JOHN L. BLODIG, Assistant Clinical Professor of Psychiatry and Behavioral Science (1963;1974).  
M.D., Creighton University, 1953.

ALAN J. BLOTCKY, Assistant Clinical Instructor in Medicine (1958;1964).  
B.S., Carnegie Institute of Technology, 1952; M.S., 1953.

RICHARD W. BOOTH, Professor of Medicine (1961;1964); Associate Dean of the School of Medicine and Director of Medical Services (1971).  
M.D., University of Cincinnati, 1952.

M.D., Creighton University, 1970.

MICHAEL C. BRANNEN, Assistant Clinical Professor of Family Practice (1978;1979).  
M.D., Creighton University, 1972.

RICHARD L. BRENNAN, Assistant Clinical Professor of Pathology (1978).  
M.D., Creighton University, 1959.
ALFRED W. BRODY, Professor of Medicine (1954;1964).
B.A., Columbia University, 1940; M.D., Long Island University, 1943; D.M.S., University of Pennsylvania, 1955.

PATRICK E. BROOKHouser, Associate Professor of Otolaryngology and Chairman of the Department (1974); Father Flanagan Professor of Otolaryngology (1975).
B.S., Creighton University, 1962; M.D., Johns Hopkins University, 1966.

ETHEL BROWN, Associate Clinical Professor of Pediatrics (1970;1976).

JAMES R. BROWN, Assistant Professor of Family Practice (1974;1976).
M.D., Creighton University, 1971.

M.D., Creighton University, 1972.

T. J. B. CRAM, Associate Professor of Genetics (1974).
B.S., Creighton University, 1953; M.S., 1956; M.D., 1958.

E. A. CHERNOFF, Associate Professor of Medical Microbiology (1968).
B.S., LeMoyne College, 1957; M.S., Marquette University, 1959; Ph.D., University of Wisconsin-Madison, 1965.

G. R. CHRISTENSEN, Associate Clinical Professor of Surgery (Ophthalmology) (1977).
B.S., Oregon State University, 1957; M.D., University of Oregon, 1961.

J. B. CHRISTENSEN, Associate Clinical Professor of Surgery (Proctology) (1937;1963).
B.S., University of Nebraska-Lincoln, 1934; M.D., 1935.

H. H. CHUNG, Assistant Clinical Professor of Pathology (1972;1979).
M.D., University of Seoul (Korea), 1962.

B.S.Pha., Creighton University, 1967; M.D., 1971.

W. M. CLARK, Assistant Clinical Professor of Family Practice (1950;1974).
B.S.M., Creighton University, 1944; M.D., 1946.

G. O. CLIFFORD, Professor of Medicine and Chairman of the Department (1972).
M.D., Tufts University, 1949.

E. A. COATS, Assistant Clinical Professor of Psychiatry and Behavioral Science (1965).
M.D., University of Michigan at Ann Arbor, 1932.

WILLIAM COLANTONI, Jr., Instructor in Dermatology (1978).
MICHAEL M. COLLINS, Assistant Clinical Professor of Radiology (1976; 1978).
B.S., Loyola University (Los Angeles), 1963; M.D., Creighton University, 1967.

JAMES B. CONLON, Clinical Instructor in Radiology (1947; 1964).
B.S.M., Creighton University, 1942; M.D., 1943.

JAMES P. CONNOLLY, Assistant Professor of Allied Health (1977).
B.S., Creighton University, 1957; M.S., University of Nebraska, 1972.

JOHN J. CONNOLLY, Assistant Clinical Professor of Medicine (1975).
M.D., Creighton University, 1959.

THOMAS L. CONNOLLY, Assistant Clinical Professor of Medicine (1969; 1971).
M.D., Creighton University, 1963.

P. JAMES CONNOR, Assistant Clinical Professor of Medicine (1960; 1966).
B.S. Creighton University, 1951; M.D., 1955.

B.S., Michigan State University, 1971; M.D., 1974.

CATHERINE A. CORBOY, Assistant Professor of Nursing (1972).
B.S.N., Creighton University, 1954; M.S., Columbia University, 1959.

JAMES M. CRAMPTON, Professor of Physiology and Pharmacology (1958; 1965)
and Acting Dean, School of Pharmacy (1977-78).
B.S. Creighton University, 1950; M.S., University of Florida, 1951; Ph.D., 1953.

MARILYN M. CRANE, Assistant Professor of Allied Health (1975).
B.S., Briar Cliff College, 1961; M.S., University of Nebraska Medical Center, 1974.

ROBERT O. CREEK, Professor of Physiology (1964; 1976);
Acting Chairman of the Department (1978-79).
B.S., University of Illinois at Urbana-Champaign, 1950; M.S., University of Southern Illinois, 1955; Ph.D., Indiana University-Bloomington, 1960.

RICHARD Q. CROTTY, Clinical Professor of Dermatology (1952; 1968).
B.S., Creighton University, 1945; M.D., 1947.

HERBERT R. CROWLEY, Assistant Clinical Professor of Otolaryngology (1968).

JAMES G. CUMMINS, Clinical Instructor in Obstetrics and Gynecology (1973).
B.A., Creighton University, 1966; M.D., 1970.

B.A., San Jose State University, 1970; M.A., University of Illinois at Urbana-Champaign, 1971.

B.S., University of Illinois at Urbana-Champaign, 1970; M.A., 1971.

CARL H. DAHL, Assistant Clinical Professor of Surgery (1969).
B.S., Kansas State University, 1956; M.D., University of Kansas, 1960.

JANE B. DAHLKE, Assistant Clinical Professor of Psychiatry and Behavioral Science (1978).
B.A., Wheaton College (Massachusetts), 1967; M.D., University of Nebraska, 1972.

DENNIS E. DALEY, Assistant Clinical Professor of Medicine (1975).
M.D., Creighton University, 1971.

ARTHUR F. DALLEY, Assistant Professor of Anatomy (1974).
B.S., University of Utah, 1970; Ph.D., 1975.

CLIFFORD M. DANNEL, Associate Clinical Professor of Neurology (1966; 1974).
B.S., Iowa State University, 1952; M.D., University of Iowa, 1960.

HARRY J. DEETHS, Associate Clinical Professor of Urology (1975; 1978).
B.S. Loyola University (Los Angeles), 1960; M.D., Creighton University, 1964.

PETER R. DEMARCO, Associate Clinical Professor of Otolaryngology (1970; 1976).
M.D., Creighton University, 1962.

NICHOLAS DIETZ, Jr., Professor Emeritus of Biological Chemistry (1933; 1969).
B.A., Columbia University, 1924; M.A., 1926; Ph.D., 1930.

MEHMET Y. DINCSOY, Assistant Professor of Pediatrics (1979).
M.D., University of Istanbul (Turkey), 1955.

JAMES F. DOLEZAL, Clinical Instructor in Dermatology (1977).
B.A.O., University College of Galway (Ireland), 1974; B.M., B.Ch., 1974.

Hilaire H. Doolittle, Associate Clinical Professor of Obstetrics and Gynecology (1949;1966).
B.S.M., Creighton University, 1946; M.D., 1947.

William E. Dossel, Professor of Anatomy (1960;1969) and Chairman of the Department (1970).
B.A., Illinois College, 1948; M.S., Marquette University, 1950; Ph.D., Johns Hopkins University, 1954.

Frank J. Dowd, Jr., Assistant Professor of Pharmacology (1976).
B.A., Maryknoll Seminary, 1961; D.D.S., Creighton University, 1969; Ph.D., Baylor University, 1975.

B.S.M., Creighton University, 1929; M.D., 1931.

Sr. Catherine P. Droszcz, Assistant Professor of Surgery (1979).
B.S. Fordham University, 1966; Pharm.D., Creighton University, 1978.

John P. Duffy, Associate Professor of Medicine (1962;1975).
M.D., Creighton University, 1956.

James R. Dunlap, Associate Clinical Professor of Psychiatry and Behavioral Science (1961;1974); Associate Clinical Professor of Family Practice (1977).
M.D., Creighton University, 1955.

John D. Dunn, Clinical Instructor in Family Practice (1974).
B.S., Creighton University, 1967; M.D., 1971.

Michael J. Dunn, Assistant Clinical Professor of Medicine (1968;1970).
M.D., Creighton University, 1964.

Allen D. Dvorak, Assistant Professor of Radiology (1973;1976).
M.D., Creighton University, 1969.

Mark A. Dykstra, Assistant Professor of Medical Microbiology (1978).
B.A., Central College, 1969; M.S., Northern Illinois University, 1971; Ph.D., Tulane University, 1976.

John D. Egan, Professor of Medicine (1962;1970).
B.A., University of Rochester, 1945; M.D., University of Buffalo, 1949.

William P. Egan, Associate Clinical Professor of Psychiatry and Behavioral Science (1965;1974).
M.D., Creighton University, 1959.

John T. Elder, Professor of Pharmacology (1965;1976) and Acting Chairman of the Department (1977).
B.S., Massachusetts College of Pharmacy, 1953; M.S., 1955; Ph.D., University of Washington, 1959.

Robert J. Ellingson, Professor of Neurology (1978).
B.S., Northwestern University, 1947; M.A., 1949; Ph.D., 1950; M.D., University of Nebraska, 1963.

B.S., St. John's University (New York), 1958; M.D., Creighton University, 1966.

Dennis Estebrooks, Assistant Professor of Medicine (1977;1979).
B.S., College of Saint Thomas, 1968; M.D., Creighton University, 1976.

John D. Ewing, Assistant Clinical Professor of Surgery (1952;1964).
B.S., M.B., M.D., University of Minnesota, 1944.

Pamela R. Fain, Assistant Professor of Preventive Medicine and Public Health (1978).

Richard J. Fangman, Assistant Clinical Professor of Medicine (1947;1964).
B.S.M., Creighton University, 1942; M.D., 1944.

Timothy R. Fangman, Assistant Clinical Professor of Medicine (1977).
B.S., University of Notre Dame, 1968; M.D., Creighton University, 1972.

Richard J. Feldhaus, Assistant Professor of Surgery (1965;1974).
M.S., Creighton University, 1955; M.D., 1959.

B.A., University of Colorado at Boulder, 1966; M.S., University of Nebraska at Omaha, 1970; M.D., University of Nebraska, 1973.
FRANK M. FERRARO, Professor Emeritus of Medical Microbiology (1946; 1979).
B.S., Pha. Creighton University, 1941; M.S., 1950; Ph.D., University of Southern California, 1960.

JOHN J. FERRY, Assistant Professor of Medicine (1971; 1978).
B.S., University of Scranton, 1960; M.D., Creighton University, 1964.

PAUL M. FINE, Associate Professor of Psychiatry and Behavioral Science (1972; 1974).
B.A., Alfred University, 1954; M.D., State University of New York Downstate Medical Center, 1958.

DONALD E. FISCHER, Jr., Assistant Clinical Professor of Psychiatry and Behavioral Science (1972; 1977).
M.D., Creighton University, 1968.

JOHN R. FISCHER, Assistant Clinical Professor of Obstetrics and Gynecology (1968; 1969).

LEWIS J. FISHER, Jr., Assistant Clinical Professor of Pediatrics (1971; 1975).

ARTHUR F. FISHKIN, Associate Professor of Biological Chemistry (1968).
B.A., Indiana University, 1951; M.A., 1952; Ph.D., University of Iowa, 1957.

JOHN F. FITZGIBBONS, Associate Clinical Professor of Pathology (1968; 1971).
B.S., Creighton University, 1950; M.S., 1951; M.D., 1955.

ROBERT J. FITZGIBBONS, Clinical Professor of Surgery (1948; 1971).
B.S., Creighton University, 1942; M.D., 1943; M.S., University of Minnesota, 1947.

M.D., Creighton University, 1973.

FRANCIS M. FITZMAURICE, Professor of Pediatrics (1961; 1974) and Acting Chairman of the Department (1977-78).
B.S., St. Procopius College, 1951; M.D., Stritch School of Medicine, 1956.

JOHN E. FITZPATRICK, Jr., Clinical Instructor in Surgery (1962).
M.D., Creighton University, 1952.

M.D., Creighton University, 1961.

GERALD J. FLEISCHLI, Associate Clinical Professor of Preventive Medicine and Public Health (1976).
B.S., Massachusetts Institute of Technology, 1962; M.S., Stanford University, 1965; M.D., 1967.

MAX FLEISHMAN, Assistant Clinical Professor of Medicine (1935; 1964).
B.S., University of Omaha, 1922; M.D., University of Nebraska, 1924.

RICK D. FREDD, Clinical Instructor of Human Communication in Otolaryngology (1978).

EDWARD L. FORD, Clinical Instructor in Family Practice (1972; 1973).
B.S., Iowa State University, 1959; M.D., Creighton University, 1963.

DAVID R. FRANKS, Visiting Professor of Psychiatry and Behavioral Science (1977).

RAINER FRIED, Professor of Biological Chemistry (1964; 1979).
B.S., University of Sao Paulo (Brazil), 1945; Ph.D., 1952.

WALTER J. FRIEDLANDER, Professor of Neurology (1972; 1974).
B.A., University of California at Berkeley, 1941; M.D., 1945.

ALAN H. FRUIN, Assistant Professor of Surgery (Neurosurgery) (1973; 1975).

RAMON M. FUSARO, Professor of Dermatology and Chairman of the Department (1975).
B.A., University of Minnesota, 1949; B.S., 1951; M.D., 1953; M.S., 1958; Ph.D., 1965.

RAY D. GAINES, Assistant Professor of Surgery (1973).
B.S., Creighton University, 1954; M.D., 1958.

HENRY H. GALE, Assistant Professor of Physiology (1966).
Ph.D., University of Illinois, 1966.

JOHN C. GALLAGHER, Associate Professor of Medicine (1977).
B.S., University of Nebraska at Omaha, 1957; M.S., 1961; J.D., Creighton University, 1964.

DAVID GAMBAI, Professor of Biological Chemistry (1965;1968) and Chairman of the Department (1976-79).
B.S., Pennsylvania State University, 1953; M.S., Purdue University, 1956; Ph.D., 1957.

JOHN L. GARREY, Clinical Instructor in Family Practice (1978).
M.D., University of Louisville, 1946.

VERNON F. GARWOOD, Assistant Clinical Professor of Medicine (1974).
B.S., University of Nebraska, 1961; M.D., 1965.

JOHN W. GATEWOOD, Clinical Professor of Surgery (1939;1964).
B.S.M., Creighton University, 1931; M.D., 1933; M.S., University of Pennsylvania, 1939.

FREDERICK M. GAWECKI, Associate Clinical Professor of Obstetrics and Gynecology (1972;1975).
B.S., University of Toledo, 1958; M.D., Boston School of Medicine, 1962.

MOHAMMAD K. GAYASADDIN, Assistant Instructor in Medicine (1978).
M.B.B.S., Kakatiya Medical College (India), 1972.

DONALD K. GIGER, Assistant Professor of Medical Microbiology (1979).
B.S., California State University at Long Beach, 1970; M.S., 1973; Ph.D., Tulane University, 1977.

JOSEPH P. GLABASIA, Clinical Instructor in Family Practice (1976).

B.S., Wayne State University, 1968; M.S., University of Michigan at Ann Arbor, 1971.

DONALD T. GLOW, Associate Clinical Professor of Pediatrics (1959;1975).
M.D., Creighton University, 1954.

RICHARD V. GORING, Assistant Professor of Medical Microbiology (1975).
B.A., Wichita State University, 1966; M.S., 1968; Ph.D., Iowa State University, 1972.

PAUL GOETOWSKI, Assistant Clinical Professor of Orthopedic Surgery (1952;1964).
B.S.M., Creighton University, 1941; M.D., 1944.

PINKUS GOLDBERG, Instructor in Medicine (1978).

JOHN C. GOLDER, Assistant Clinical Professor of Neurology (1975).
B.S., University of Nebraska, 1960; M.D., 1963; M.S.P.H., University of Missouri at Columbia, 1966.

JOHN L. GORDON, Associate Professor of Surgery and Chairman of the Department of Anesthesiology (1977).
B.S., Creighton University, 1955; M.D., 1959.

ROBERT S. GRANT, Associate Clinical Professor of Pediatrics (1974).
M.D., Marquette University, 1943.

CHARLES M. GRAZ, Associate Professor of Psychiatry and Behavioral Science (1979).
B.S., Fordham University, 1956; M.D., Creighton University, 1960.

CLOID D. GREEN, Clinical Professor of Anesthesiology (1978).
B.S., University of Minnesota at Minneapolis, 1942; M.D., 1946; M.S., University of Iowa, 1956.

RICHARD S. GREENBERG, Associate Clinical Professor of Ophthalmology (1956;1964) and Chairman of the Department (1961;1977).
M.D., Creighton University, 1952.

ARNOLD H. GREENHOUSE, Professor of Neurology (1977).
B.A., University of Kansas, 1948; M.D., 1950.

JOHN J. GRIER, Clinical Professor of Obstetrics and Gynecology (1932).
B.S., Creighton University, 1927; M.D., 1931.

M.D., Creighton University 1917; M.S.(Med.), University of Pennsylvania, 1929.

EDWARD H. GRINNELL, Clinical Professor of Pharmacology (1957;1978); Assistant Clinical Professor of Medicine (1978).
B.S., Southwestern State College (Oklahoma), 1947; M.S., University of Colorado, 1949; Ph.D., University of Oklahoma, 1956; M.D., Creighton University, 1962.

JOSEPH F. GROSS, Clinical Professor of Orthopedic Surgery (1949;1964).
B.S.M., Creighton University, 1937; M.D., 1938; M.S.(Ortho. Surg.), University of Minnesota, 1949.
B.S., Creighton University, 1966; M.D., St. Louis University, 1970.

Michael L. Grush, Assistant Clinical Professor of Pediatrics (1976;1979).
B.S., University of Nebraska, 1968; M.D., 1968.

Thomas J. Gurnett, Clinical Professor of Medicine (1949;1975).
B.S.M., Creighton University, 1945; M.D., 1946.

Michael J. Haller, Associate Professor of Family Practice (1966;1977);
Associate Dean, School of Medicine (1977).

Michael D. Hammel, Assistant Professor of Medicine (1977).
B.S., Creighton University, 1968; M.D., 1972.

Emerson M. Harewood, Jr., Instructor in Anesthesiology (1978).
B.S., Ohio State University, 1969; M.D., University of Michigan at Ann Arbor, 1978.


John D. Hartigan, Clinical Professor of Medicine (1947;1971).
B.S.M., Creighton University, 1941; M.D., 1943; M.S.(Med.), University of Minnesota, 1947.

Dennis F. Hayes, Assistant Professor of Surgery (1976;1977).
B.A., University of California, 1965; M.D., Wayne State University, 1970.


Barbara R. Heaney, Assistant Clinical Professor of Psychiatry and
Behavioral Science (1957;1965).
B.S., College of St. Theresa, 1947; M.D., Creighton University, 1951.

Robert P. Heaney, Professor of Medicine (1957;1961); Vice President for Health Sciences (1971).
B.S., Creighton University, 1947; M.D., 1951.

Thomas T. Hee, Assistant Instructor in Medicine (1978).
B.S., California State University at Los Angeles, 1972. M.D., Creighton University, 1976.

John F. Heffron, Assistant Clinical Professor of Obstetrics and Gynecology (1959;1971).
M.D., Creighton University, 1952; M.S.M., 1960.

B.S., St. Mary's College (California), 1963; M.D., Creighton University, 1967.

Cathryn I. Heidtman, Assistant Instructor of Human Communication in Otolaryngology (1979).
B.A., Valparaiso University, 1975; M.S., Purdue University at Lafayette, 1977.

Harry C. Henderson, Jr., Assistant Clinical Professor of Psychiatry and
B.A., University of Omaha, 1944; M.D., Creighton University, 1948.

John R. Kirkpatrick Henry, Assistant Clinical Professor of Psychiatry
M.B.B.S., St. Thomas' Hospital (Ireland), 1952.

John B. Hermann, Executive Assistant Dean of the School of Medicine (1971);
Assistant Professor of Preventive Medicine and Public Health (1967;1971).
B.A., University of Iowa, 1950.

Jerrad J. Hertzler, Assistant Clinical Professor of Neurology (1975).

John F. Hession, Assistant Clinical Professor of Medicine (1962;1966);
Director of Student Health Services (1965).
B.S., Fordham College, 1950; M.D., Creighton University, 1958.

B.S., University of Nebraska, 1961; M.D., 1961.

Leo T. Heywood, Clinical Professor of Obstetrics and Gynecology (1945;1961).
M.D., Creighton University, 1939.

Thomas W. Hilgers, Assistant Professor of Obstetrics and Gynecology (1977).
B.S., St. John's University, 1964; M.D., University of Minnesota at Minneapolis, 1969.
MARVIN F. HILL, Professor of Anatomy (1958;1975).
B.S., Oregon State College, 1949; M.S., 1951; Ph.D., 1955.

PETER K. HIXSON, Assistant Professor of Human Communication in Otolaryngology (1977).
B.S., Northwestern University, 1970; M.S., 1971; Ph.D., Purdue University at Lafayette, 1976.

REV. JAMES E. HOFF, S.J., Associate Professor of Ethics in the Health Sciences (1976).
B.S., Spring Hill College, 1958; M.S. (Philosophy), St. Louis University, 1959; M.D. (Theology), 1966; Ph.D., Pontifical Gregorian University (Rome), 1969.

JOHN G. HOLBROOK, S.J., Assistant Professor of Psychiatry and Behavioral Science (1973;1974).
B.A., St. Louis University, 1945; M.S., Creighton University, 1972.

RICHARD J. HOLCOMB, Assistant Clinical Professor of Obstetrics and Gynecology (1977).
M.D., Creighton University, 1967.

WALTER J. HOLDEN, Professor of Obstetrics and Gynecology (1949;1971).
B.S.M., Creighton University, 1932; M.D., 1933.

MAX N. HUFFMAN, Professor of Pharamacology (1964-76, Retired).
B.A., University of Missouri, 1937; Ph.D., St. Louis University, 1941.

DAVID A. HUGHES, Assistant Professor of Surgery (Thoracic and Cardiovascular) (1978).

B.S., University of Nebraska, 1970; M.D., 1974.

FRANK J. IVERSEN, Clinical Professor of Orthopedic Surgery (1939;1967).
B.A., Creighton University, 1933; M.D., 1935.

JOSEPH A. JARZOSKI, Assistant Clinical Professor of Medicine (1969;1973).

DAVID A. JASPER, Assistant Clinical Professor of Medicine (1972;1974);
Assistant Clinical Professor of Family Practice (1974).
B.A., St. Ambrose College, 1961; M.D., Creighton University, 1966.

ERIC JAVEL, Assistant Professor of Human Communication in Otolaryngology and Assistant Professor of Physiology (1977).
B.A., Johns Hopkins University, 1968; Ph.D., University of Pittsburgh, 1972.

HARRY J. JENKINS, Jr., Professor of Medicine (1961;1975).
B.S., St. Louis University, 1950; M.D., Creighton University, 1954.

WERNER P. JENSEN, Clinical Professor of Orthopedic Surgery (1933;1964).
B.S.M., Creighton University, 1930; M.D., 1932.

WALT JESTEADT, Assistant Professor of Human Communication in Otolaryngology (1977).
B.A., Johns Hopkins University, 1966; Ph.D., University of Pittsburgh, 1971.

J. RAYMOND JOHNSON, Professor Emeritus of Physiology (1953;1976).
B.S., Washburn College, 1926; Ph.D., Tulane University, 1934.

JAMES F. JOHNSON, Assistant Professor of Radiology (1967;1970).
M.D., Creighton University, 1962.

JOHN A. JOHNSON, Associate Professor of Dermatology (1975).
B.A., University of Minnesota at Minneapolis, 1951; M.S., 1964; Ph.D., 1971.

B.A., University of Kansas, 1949; M.D., Creighton University, 1955.

WILLIAM W. JURGENSEN, Assistant Clinical Professor of Radiology (1956;1964).
B.S.M., Creighton University, 1946; M.D., 1948.

FRED J. KADER, Assistant Clinical Professor of Neurology (1978).
B.S., McGill University (Canada), 1960; M.D.C.M., 1964.

B.S., St. Joseph's College (Pennsylvania), 1967; M.D., Harvard University, 1971.
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GERARD J. KELLY, Associate Clinical Professor of Radiology (1962;1979).
M.D., Creighton University, 1955.

JAMES J. KELLY, Jr., Associate Clinical Professor of Radiology (1944;1961).
M.D., Creighton University, 1943.

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M.D., Creighton University, 1963.


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B.S., University of Chicago, 1944; M.D., University of Minnesota at Minneapolis, 1949.

B.A., University of Omaha, 1954; M.D., University of Nebraska, 1958.

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Chairman of the Department (1979); Acting Chairman of the Department (1977-79).
B.S., Creighton University, 1955; M.D., 1959.

NEIL P. KENNEY, Professor of Radiology (1964;1975) and
Chairman of the Department (1971).
M.D., Creighton University, 1956.

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B.S., University of Nebraska, 1963; M.D., 1965.

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M.D., Creighton University, 1963.

LAWRENCE C. KLEIN, Assistant Clinical Professor of Ophthalmology (1972).
M.D., Creighton University, 1963.

ROBERT J. KLEIN, Assistant Clinical Professor of Orthopedic Surgery (1965;1971).

BARRY E. KNAPP, Assistant Clinical Professor of Pathology (1970).
M.D., University of Iowa, 1963.

FLOYD C. KNOOP, Assistant Professor of Medical Microbiology (1975).
B.A., Defiance College, 1966; M.S., University of Dayton, 1969; Ph.D., University of Tennessee
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HARVEY A. KONIGSBURG, Assistant Clinical Professor of Urology (1975).
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B.S.M., Creighton University, 1933; M.D., 1935; M.S.(Med.), University of Pennsylvania, 1954.

B.S., Creighton University, 1971; M.D., 1976.

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HAL G. LANKFORD, Professor of Pathology (1962;1969); Associate Professor of Biological Chemistry (1969). B.S., Missouri School of Mines and Metallurgy, 1948; M.S., 1950; Ph.D., St. Louis University, 1959.


GEORGE E. LARSON, Assistant Clinical Professor of Surgery (1952;1978). B.A., University of Nebraska, 1940; M.D., 1944.


STEVE SEUNG-KOO LEE, Assistant Professor of Pathology (1974). M.D., University of Korea, 1966.

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JOHN R. LUCKASEN, Clinical Instructor in Dermatology (1977).
B.S., University of Nebraska, 1966; M.D., 1970.

W. PATRICK LUCKETT, Associate Professor of Anatomy (1975).

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W. Patrick Luckett, Associate Professor of Anatomy (1975).

B.S.M.T., Creighton University, 1964.

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Patricia A. Lynam, Instructor in Allied Health and Assistant Instructor in Medical Microbiology (1977).
B.S.M.T., Creighton University, 1975.

Henry T. Lynch, Professor of Preventive Medicine and Public Health (1967;1970) and Chairman of the Department (1967); Assistant Professor of Medicine (1972).
B.S., University of Oklahoma, 1951; M.A., University of Denver, 1952; M.D., University of Texas at Austin, 1960.

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Joseph D. Lynch, Assistant Professor of Medicine (1971;1972).
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Donal F. Magee, Professor of Physiology (1965) and Chairman of the Department (1965).
M.A., University of Oxford (England), 1948; B.M., B.Ch., 1948; Ph.D., University of Illinois at Chicago, 1962.

James D. Mahoney, Clinical Professor of Psychiatry and Behavioral Science (1945;1964).
B.S., University of Pittsburgh, 1931; M.D., 1935.

Patrick D. Mahoney, Assistant Professor of Radiology (1974;1976).
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M.D., Creighton University, 1966.

M.D., University of Athens (Greece), 1958; M.S., University of Nebraska, 1966.

Irving B. Margolis, Associate Professor of Surgery, (1966;1972).
B.A., Syracuse University, 1949; M.S., Rutgers University, 1950; M.D., State University of New York, 1954.

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B.S., University of South Carolina, 1943; M.D., 1947; M.S.M., University of Utah, 1958.

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B.S., Parsons College, 1964; M.D., Creighton University, 1968.

B.S., University of North Dakota, 1951; M.D., Creighton University, 1953.

M.D., Creighton University, 1970.

Vernon W. Meyers, Assistant Clinical Professor of Surgery (1956;1972).
B.S., Seattle University, 1949; M.S., Creighton University, 1953; M.D., 1955.

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B.S., Creighton University, 1952; M.S., 1958.

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M.D., Seoul National University (Korea), 1962.

M.D., State University of Iowa, 1947.

Robert E. Mitchell, Assistant Professor of Psychiatry and Behavioral Science (1972;1974).

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SYED M. MOHIUDDIN, Professor of Medicine (1970;1978).
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ROBERT F. MOORE, Assistant Clinical Professor of Surgery (1958;1964).
M.D., Harvard University, 1951.

ARYAN N. MOOSS, Assistant Professor of Medicine (1976).
M.D., University of Kerala (India), 1969.

VINCENT MORAGUES, Professor of Pathology (1952;1957).
B.S., University of Barcelona (Spain), 1928; M.D., 1934.

JAMES G. MORGAN, Assistant Clinical Professor of Surgery (1975;1976).

DANIEL F. MOONEY, Assistant Professor of Otolaryngology (1979).
M.D., Louisiana State University School of Medicine at New Orleans, 1973.

ROBERT E. MURPHY, Associate Clinical Professor of Pediatrics (1950;1963).
M.D., Creighton University, 1947.

WILLIAM D. MURPHY, Assistant Clinical Professor of Obstetrics and Gynecology (1967;1975).
M.D., Creighton University, 1963.

CHANDRA K. NAIR, Assistant Professor of Medicine (1978).
B.S., Bombay University (India), 1969; M.B.B.S., Armed Forces Medical College (India), 1968.

NIGAR NAIR, Assistant Professor of Medicine (1978).
M.B.B.S., Karnataka University (India), 1970.

TIMOTHY J. NEARY, Assistant Professor of Anatomy (1977).
B.S., Case Western Reserve University, 1969; M.S., 1970; Ph.D., 1975.

RAYMOND G. NEMER, Clinical Instructor in Family Practice (1974).
M.D., Creighton University, 1959.

FRANCIS NEUMAYER, Assistant Clinical Professor of Surgery (1958;1964).
M.D., University of Maryland, 1949.

JAMES R. NOLAN, Assistant Clinical Professor of Obstetrics and Gynecology (1957;1967).
B.S.M., Creighton University, 1942; M.D., 1945; M.S. in Med., 1956.

FLOYD M. NOLE, Associate Professor of Medicine (1977).
B.S., Washington University, 1961; M.S., 1968; D.Sc., 1972.

WALTER J. O'DONOHUE, Jr., Professor of Medicine (1977) and Director of Pulmonary Medicine Division (1977).
B.A., Virginia Military Institute, 1957; M.D., Medical College of Virginia, 1961.

JAMES P. O'HARA, Assistant Clinical Professor of Surgery (Orthopedics) (1977;1979).
B.S., St. Joseph's College (Pennsylvania), 1963; M.D., Jefferson Medical College, 1967; M.S., University of Minnesota at Minneapolis, 1975.

MICHAEL K. O'HARA, Assistant Professor of Medical Microbiology (1979).
B.A., University of Iowa, 1967; Ph.D., 1976.

JASON T. OHY, Assistant Clinical Professor of Neurology (1973).
M.D., Seoul National University (Korea), 1962.

THOMAS P. O'KEEFE, Assistant Clinical Professor of Medicine (1966;1970).
B.S., Creighton University, 1958; M.D., 1962.

DENNIS G. O'LEARY, Assistant Clinical Professor of Surgery (1972; 1976).
M.D., Creighton University, 1966.

GERALD C. O'NEIL, Associate Clinical Professor of Pediatrics (1939;1961).
B.S.M., Creighton University, 1931; M.D., 1933; M.S. in Med., University of Pennsylvania, 1938.

CLAUDE H. ORGAN, Jr., Professor of Surgery (1959;1971) and Chairman of the Department (1971).
B.S., Xavier University, 1947; M.S.M., Creighton University 1957; M.D., 1952.
NATVARLAL P. PATEL, Assistant Professor of Urology (1979).
M.B.B.S., Medical College of Gujarat University (India), 1969.

KASHINATH D. PATIL, Assistant Clinical Professor of Preventive Medicine and Public Health (1976).
B.S., Poona University (India), 1956; M.S., University of North Carolina, 1967; Ph.D., University of Washington, 1971.

M.D., University of Manitoba, 1965.

DONALD J. PAVELKA, Assistant Clinical Professor of Medicine (1959; 1965).
B.S., Nebraska State Teachers College (Kearney), 1950; M.S., University of Nebraska, 1952; M.D., Creighton University, 1957.

SHERWOOD P. PEARTREE, Assistant Clinical Professor of Ophthalmology (1956; 1971).
M.D., Creighton University, 1950.

JAMES E. PECK, Associate Professor of Human Communication in Otolaryngology (1977).

B.A., Gettysburg College, 1966; M.A., University of Richmond, 1968; Ph.D., University of Nebraska-Lincoln, 1977.

DWAINIE J. PEETZ, Assistant Clinical Professor of Surgery (1975).
B.S., Creighton University, 1946; M.D., 1948; M.S., 1953.

JO ELLEN PETERS, Instructor of Human Communication in Otolaryngology (1978).
B.A., Oklahoma State University, 1973; M.S., Purdue University at Lafayette, 1976.

JON F. PETTIS, Assistant Professor of Human Communication in Otolaryngology and Assistant Professor of Neurology (1977).
B.S., University of Iowa, 1968; M.A., University of Houston, 1970; Ph.D., Simon Fraser University (Canada), 1976.

RICHARD B. PETERS, Clinical Instructor in Medicine (1978).
B.S., Creighton University, 1969; M.D., 1975.

RICHARD E. PETERS, Assistant Clinical Professor of Surgery (1962; 1972).
M.D., Creighton University, 1954.

JEANETTE M. PERGAM, Assistant Clinical Professor of Pediatrics (1972-75; 1975-77; 1979).

FRED J. PETTID, Associate Professor of Family Practice (1971; 1973) and Chairman of the Department (1978); Acting Chairman of the Department (1977-78).
B.S., Creighton University, 1964; M.D., 1968.

JAMES J. PHALEN, Assistant Clinical Professor of Radiology (1973; 1977).

BETTY J. PHILIPS, Professor of Human Communication in Otolaryngology (1977).
B.S., California State College (Pennsylvania), 1946; M.Ed., Pennsylvania State University, 1947; Ed.D., 1951.

ELERY L. PHILLIPS, Associate Clinical Professor of Psychiatry and Behavioral Science (1978).

HUGH J. PHILLIPS, Professor of Physiology (1952; 1966); Professor of Preventive Medicine and Public Health (1972).
B.S., University of Florida, 1947; M.A., University of Nebraska, 1948; Ph.D., 1953.

ROBERT L. PIERSON, Assistant Professor of Obstetrics and Gynecology (1975); and Chairman of the Department (1978).
B.A., University of South Dakota, 1967; M.D., Creighton University, 1970.

HOWARD F. POEPSEL, Assistant Clinical Professor of Urology (1964; 1968).
M.D., Creighton University, 1955.

STUART M. POLLY, Assistant Professor of Medical Microbiology and Assistant Professor of Medicine (1974).

LAUREL PREHEIM, Assistant Professor of Medical Microbiology and Assistant Professor of Medicine (1978).
B.A., Bethel College (Kansas), 1969; M.D., Northwestern University, 1973.

B.S., University of Nebraska, 1966; M.D., 1970. 

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PLINIO PRIORESCHI, Professor of Pharmacology (1967;1976); Assistant Professor of Medicine (1970).
M.D., University of Pavia (Italy), 1954; Ph.D., University of Montreal (Canada), 1961.

THOMAS S. PRUSE, Assistant Clinical Professor of Obstetrics and Gynecology (1978).
B.S., John Carroll University, 1966; M.D., Creighton University, 1970.

ASKAR A. QALBANI, Assistant Clinical Professor of Pathology (1978).
M.B.B.S., Liaquat Medical College (Pakistan), 1970.

HERBERT J. QUIGLEY, Jr., Professor of Pathology (1968;1972).

B.S., Creighton University, 1959; M.S., 1961; M.D., 1966.

JAMES J. QUINN, S.J., Associate Professor of Philosophy (1961;1962).
B.A., St. Louis University, 1942; Ph.L., 1944; M.A., 1945; S.T.L., 1951.


B.Sc., Punjab University (India), 1968; M.B.B.S., All India Institute of Medical Sciences, 1973.

DAVID M. RANKIN, Assistant Clinical Professor of Radiology (1968).
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ROBERT R. RECKER, Associate Professor of Medicine (1970;1975).
M.D., Creighton University, 1963.

RAYMOND E. RECORDS, Clinical Professor of Surgery (Ophthalmology) (1978).
B.S., University of Denver, 1956; M.D., St. Louis University, 1961.

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B.A., Holy Cross College, 1941; M.D., Jefferson Medical College, 1944; M.S.M., Creighton University, 1950.

JAMES J. REGAN, Clinical Instructor in Dermatology (1971).
M.D., Creighton University, 1965.

PAUL F. REICHSTADT, Assistant Professor of Family Practice (1974).
B.S., Creighton University, 1948; M.D., 1952.

GERALD E. RIES, Assistant Clinical Professor of Orthopedic Surgery (1963;1968).
B.S., Creighton University, 1950; M.D., 1954.

ROBERT R. RIETZ, Assistant Professor of Physiology (1975;1976).
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JAMES W. ROUSE, Assistant Clinical Professor of Urology (1951;1966).
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VINCENT RUNCO Jr., Professor of Medicine (1961;1969), Director of Cardiology Division (1971).
B.S., Miami University, 1951; M.D., Ohio State University at Columbus, 1955.

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HERBERT B. SAICHEK, Associate Clinical Professor of Radiology (1954;1966).
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JOSE A. SAPIRTA, Assistant Clinical Professor of Surgery, (1971; 1976).
M.D., University of Buenos Aires Medical School, 1950.

ARNOLD E. SCHAFFER, Clinical Professor of Nutrition (1974).
B.S., South Dakota State University, 1939; M.S., University of Wisconsin-Madison, 1941; Ph.D., 1947.

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JOSE A. SAPIRTA, Assistant Clinical Professor of Surgery, (1971; 1976).
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NORMAN W. SCHOLES, Associate Professor of Pharmacology (1968; 1971).
B.S., University of Utah, 1953; M.S., University of California at Los Angeles, 1956; Ph.D., 1959.

DANIEL D. SCHEIN, Assistant Clinical Professor of Pediatrics (1968; 1971).
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ARTHUR L. SCIORTINO, Associate Clinical Professor of Pathology (1955; 1966).
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MATTHEW J. SEVERIN, Professor of Medical Microbiology (1968; 1977); Assistant Dean for Student Affairs (1975); Associate Professor of Preventive Medicine and Public Health (1976).
B.S., Creighton University, 1955; M.S., 1960; Ph.D., University of Nebraska-Lincoln, 1968.

JOHN F. SHEEHAN, Professor of Pathology (1930; 1967); Professor of Obstetrics and Gynecology (1975).
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JAMES J. SHEHAN, Assistant Clinical Professor of Medicine (1967; 1971).
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Paul J. Somsky, Assistant Clinical Professor of Medicine (1968;1971).
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Joseph Y. Song, Clinical Professor of Pathology (1970).
M.D., University of Seoul (Korea), 1950; M.S., University of Tennessee at Memphis, 1956; M.D., University of Arkansas, 1965.

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M.D., Creighton University, 1971.

Robert G. Townley, Professor of Medicine (1960;1974); Associate Professor of Medical Microbiology (1969).
M.D., Creighton University, 1955.

Harold F. Trafton, Associate Clinical Professor of Surgery (1949;1973).
B.S., University of Illinois, 1939; M.D., 1941.

Carl P. Tranisi, Assistant Clinical Professor of Surgery (1957;1964).
M.D., Creighton University, 1950.

Mary Nell G. Travis, Assistant Professor of Anatomy (1975).
B.S., Emory University, 1955; M.S., University of Alabama in Birmingham, 1972; Ph.D., 1974.

Louis F. Tribulato, Assistant Clinical Professor of Orthopedic Surgery (1967;1971).
M.D., Creighton University, 1953.
B.S., Creighton University, 1946; M.D., 1953.

BIE SHUNG HENRY TSAI, Assistant Professor of Medicine (1979).
B.S., Taiwan University, 1966; M.S., University of Iowa, 1971; Ph.D., University of Virginia, 1976.

CALVIN C. TURBES, Professor of Anatomy (1968;1971).
D.V.M., Iowa State University, 1944; M.S., Ohio State University, 1949.

DONALD M. UZENDOSKI, Assistant Clinical Professor of Pediatrics (1971;1974).
M.D., Creighton University, 1968.

MARGARET M. B. TWEDDLE, Assistant Professor of Psychiatry and Behavioral Science (1978).
B.M., B.Ch., University of Aberdeen (Scotland), 1973.

HENRY S. M. UHL, Professor of Medicine (1978).
B.A., Princeton University, 1942; M.D., Harvard University, 1947.

B.S., University of Santa Clara, 1961; M.S., Creighton University, 1963; Ph.D., University of Nebraska, 1969; M.D., Creighton University, 1975.

JON A. VANDERHOOF, Assistant Clinical Professor of Pediatrics (1979).
B.S., University of Nebraska, 1968; M.D., 1972.

LUIS A. VASQUEZ, Assistant Clinical Professor of Medicine (1969).
B.S., St. Marcos University (Peru), 1953; M.D., 1960.

LOYD R. WAGNER, Assistant Clinical Professor of Pathology (1966).
M.D., University of Nebraska, 1950.

B.S., University of Nebraska, 1969; M.D., 1973.

EDMOND M. WALSH, Clinical Professor of Medicine (1932;1955).
B.S.M., Creighton University, 1928; M.D., 1930.

MYRON P. WALZAK, Professor of Urology and Chairman of the Department (1971).
M.D., Yale University, 1955.

MARJORIE B. WANNARNA, Assistant Professor of Library Science (1970) and Director of Health Sciences Library (1952).

WILLIAM B. WARR, Professor of Human Communication in Otolaryngology (1978).
B.A., Brown University, 1957; Ph.D., Boston University, 1963.


CHARLES S. WATSON, Professor of Human Communication in Otolaryngology (1977).

DEAN D. WATT, Professor of Biological Chemistry (1969).
B.S., University of Idaho, 1942; Ph.D., Iowa State University, 1949.

JAMES I. WAX, Assistant Clinical Professor of Pediatrics (1961;1970).

MICHAEL J. WEAVER, Assistant Clinical Professor of Medicine (1971;1974).
B.S., Creighton University, 1960; M.D., 1964.

B.S., University of San Diego, 1967; M.D., Creighton University, 1971.

EDMUND B. WEIS, Professor of Surgery (Orthopedics) (1979).
M.D., University of Colorado, 1957; M.S., Drexel Institute of Technology, 1962.

B.A., University of New Brunswick, 1937; M.Ed., University of Edinburgh (Scotland), 1939; Ph.D., Yale University, 1944.

IBERT C. WELLS, Professor of Biological Chemistry (1961) and Professor of Medicine (1978).
B.A., Central Methodist College, 1942; Ph.D., St. Louis University, 1948.

JAMES W. WENGERT, Associate Clinical Professor of Psychiatry and Behavioral Science (1977).
B.A., University of Nebraska, 1956; M.D., 1960.
James H. Whicker, Assistant Clinical Professor of Otolaryngology (1974; 1976).

John L. Wiley, Assistant Clinical Professor of Medical Microbiology (1975).
B.S., Creighton University, 1960; M.S., University of Nebraska, 1971.

Wesley G. Wilhelm, Clinical Instructor in Family Practice (1972; 1973).
B.S., Creighton University, 1954; M.D., 1964.

Perry T. Williams, Clinical Instructor in Medicine (1953; 1964).
M.D., Creighton University, 1947.

Michael D. Wilmot, Instructor in Radiology (1979).
B.A., Northwestern University, 1969; M.D., Creighton University, 1975.

James E. Wilson, Assistant Clinical Instructor in Psychiatry and Behavioral Science (1979).
B.S., Creighton University, 1971.

B.S.M.T., Creighton University, 1976.

George J. Wolcott, Assistant Clinical Professor of Neurology and Assistant Clinical Professor of Pediatrics (1974).

B.S., Creighton University, 1971; M.D., 1975.

Donald E. Wolters, Clinical Instructor in Family Practice (1974).
B.S., Benedictine College, 1947; M.D., Creighton University, 1951.

James J. Woodbury, Assistant Clinical Professor of Medicine (1970; 1973).
M.D., Creighton University, 1965.

John D. Woodbury, Assistant Clinical Professor of Medicine (1969; 1970); Assistant Clinical Professor of Family Practice (1974).
B.S., Creighton University, 1960; M.D., 1964.

Don W. Worthington, Professor of Human Communication in Otolaryngology (1977).
B.S., Utah State University, 1964; M.A., 1966; Ph.D., Northwestern University, 1965.

B.M., B.Ch., Cairo University (Egypt), 1970.

Loren K. Yates, Assistant Professor of Family Practice (1978).
B.A., Phillips University, 1950; M.D., University of Oklahoma, 1957.

Frederick E. Youngblood, Assistant Professor of Anesthesiology (1979).
B.S., University of Georgia, 1964; M.D., Medical College of Georgia, 1968.

Sebastian A. Zarbano, Clinical Instructor in Family Practice (1974).
B.S., Creighton University, 1950; M.D., 1954.

Jack R. Zastera, Clinical Professor of Radiology (1956; 1979).
B.S.M., Creighton University, 1946; M.D., 1947; M.S.M., 1956.

Erwin D. Zeman, Associate Clinical Professor of Pathology (1956; 1963).
B.A., University of Iowa, 1930; M.D., 1933.

Allen E. Zencek, Assistant Professor of Medicine (1969; 1970).
M.D., Creighton University, 1965.

Rowen K. Zetterman, Assistant Clinical Professor of Medicine (1977).
B.A., Nebraska Wesleyan University, 1965; M.D., University of Nebraska, 1969.

Cecile M. Zielinski, Assistant Professor of Surgery (1976; 1977).
B.A., St. John's University, 1965; M.D., Creighton University, 1971.

Adam E. Zoucha, Clinical Instructor in Family Practice (1974).
M.D., Creighton University, 1953.
DOCTORS of MEDICINE

Degree Conferred August 19, 1977

David Philip Wilson .......................................................... Fresno, California

Degrees Conferred May 20, 1978

Mark Elton Astiz .............................................................. San Francisco, California
Bruce LeRoy Ball, cum laude .............................................. Palisade, Colorado
William Kent Barr ......................................................... Kansas City, Missouri
Kevin Kelly Benson .......................................................... Chicago, Illinois
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Mark Paul Hayman ............................................................ Lincoln, Nebraska
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Robert S. Zarranz .............................................................
Degrees Conferred May 19, 1979

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cum laude
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Patrick H. Dolan ...................................................... Bloomfield Hills, Michigan
Eliot Robert Drell ..................................................... San Diego, California
William John Drury .................................................. Inglewood, California
John Michael Edwards, magna cum laude .................. Orinda, California
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Elissa May Godfrey ..................................................... Sidney, Nebraska
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Michael Joseph Guese .................................................. Englewood, Colorado
Gail Mary Gullickson ................................................... Hayti, South Dakota
Thomas Matthew Habermann ....................................... Fort Dodge, Iowa
Catherine Jeanne Harris ........................................... Nebraska City, Nebraska
Michael C. Herber ..................................................... Cheyenne, Wyoming
Pun-Hi Hong ............................................................. Great Falls, Montana
Rodney J. Hopkins ..................................................... Casper, Wyoming
Bradden William Jensen, cum laude ............................... Hillsborough, California
cum laude
Jon Randal Jester ..................................................... Kearney, Nebraska
Daniel James Kerbacher ........................................... Copley, Pennsylvania
Karen Anne Kirhofer .................................................. Aurora, Illinois
Joseph Lawrence Kovar .............................................. Anoka, Minnesota
Marcene Faye Kreifels ................................................. Springfield, Illinois
James Manno LaFata .................................................. Flathead Lake, Montana
Frank Joseph Laird, cum laude ...................................... Flathead Lake, Montana

SCHOOL OF MEDICINE
<table>
<thead>
<tr>
<th>Name</th>
<th>City</th>
</tr>
</thead>
<tbody>
<tr>
<td>Patrick Joseph Chiu Fong Lam</td>
<td>Honolulu, Hawaii</td>
</tr>
<tr>
<td>David Frederick LaPatka, Jr.</td>
<td>Arcadia, California</td>
</tr>
<tr>
<td>Charles Thomas Longo</td>
<td>Omaha, Nebraska</td>
</tr>
<tr>
<td>Mary Lucien Tribulato Lynch</td>
<td>Omaha, Nebraska</td>
</tr>
<tr>
<td>Michael Gerard Lyon</td>
<td>Overland Park, Kansas</td>
</tr>
<tr>
<td>Robert Stanley Mals</td>
<td>Plantsville, Connecticut</td>
</tr>
<tr>
<td>Van L. Marcus</td>
<td>Brooklyn, New York</td>
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<tr>
<td>Stephen Louis Marietta</td>
<td>Terre Haute, Indiana</td>
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<td>Daniel Paul McCabe</td>
<td>Lincoln, Nebraska</td>
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<td>Gregory Patrick McCue</td>
<td>Cody, Wyoming</td>
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<td>John Hamilton McGath</td>
<td>Fremont, Nebraska</td>
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<tr>
<td>Clinton Franklin Merrill, Jr.</td>
<td>Cheyenne, Wyoming</td>
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<tr>
<td>Paul Stephen Molinari</td>
<td>Winona, Minnesota</td>
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<tr>
<td>Michael Dennis Morelock</td>
<td>Torrance, California</td>
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<td>Gerald Edward Nelson</td>
<td>Vancouver, Washington</td>
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<tr>
<td>Steven Edwin Neu, cum laude</td>
<td>Ashley, North Dakota</td>
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<tr>
<td>Beatrice Octavia Newell</td>
<td>Winchester, Kentucky</td>
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<tr>
<td>Michael James Noble</td>
<td>Grand Island, Nebraska</td>
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<td>Phyllis Jayne Noss</td>
<td>Sterling, Colorado</td>
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<tr>
<td>John Joseph O'Keefe</td>
<td>Evanston, Illinois</td>
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<tr>
<td>Edward Charles Piller</td>
<td>Glendale, New York</td>
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<td>Michael Ross Pirruccello</td>
<td>North Hollywood, California</td>
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<tr>
<td>Carole Maria Presnick</td>
<td>Orange, Connecticut</td>
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<tr>
<td>Mary Kathleen Rauth-Farley</td>
<td>Saint Joseph, Missouri</td>
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<td>Robert Roy Rietz</td>
<td>Slayton, Minnesota</td>
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<tr>
<td>Charles H. Ripp</td>
<td>Brodhead, Wisconsin</td>
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<tr>
<td>Mel D. Robinson, cum laude</td>
<td>Laramie, Wyoming</td>
</tr>
<tr>
<td>Charles Arthur Romick</td>
<td>Claremore, Oklahoma</td>
</tr>
<tr>
<td>Andre Louis Rowlett</td>
<td>Detroit, Michigan</td>
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<tr>
<td>Samuel M. Ruben</td>
<td>Los Angeles, California</td>
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<tr>
<td>Robert Paul Schefter, Jr.</td>
<td>Omaha, Nebraska</td>
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<tr>
<td>Daniel Scott Schneider, cum laude</td>
<td>Alexandria, South Dakota</td>
</tr>
<tr>
<td>Joseph George Schupp III</td>
<td>Des Moines, Iowa</td>
</tr>
<tr>
<td>Brent Donald Sherard</td>
<td>Wheatland, Wyoming</td>
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<tr>
<td>Peter Dan Sliskovich</td>
<td>Rancho Palos Verdes, California</td>
</tr>
<tr>
<td>Brian Branson Stamper</td>
<td>Burlington, Iowa</td>
</tr>
<tr>
<td>Daniel Joseph Steier</td>
<td>Omaha, Nebraska</td>
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<tr>
<td>Kevin Lee Stokke</td>
<td>Omaha, Nebraska</td>
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<tr>
<td>Paul Alpheus Swinehart, Jr.</td>
<td>Spokane, Washington</td>
</tr>
<tr>
<td>Gregg Walker Taylor</td>
<td>China Lake, California</td>
</tr>
<tr>
<td>Robert Stephen Taylor</td>
<td>Los Angeles, California</td>
</tr>
<tr>
<td>John Charles Tentinger</td>
<td>Le Mars, Iowa</td>
</tr>
<tr>
<td>John David Titus</td>
<td>Omaha, Nebraska</td>
</tr>
<tr>
<td>Robert Nicholas Troia</td>
<td>Omaha, Nebraska</td>
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<tr>
<td>Norman Edward Tullis</td>
<td>La Jolla, California</td>
</tr>
<tr>
<td>Keith William Vrbicky</td>
<td>Clarkson, Nebraska</td>
</tr>
<tr>
<td>Patrick James Walton</td>
<td>Billings, Montana</td>
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<tr>
<td>Stephen Woodrow Welsh</td>
<td>Emmetsburg, Iowa</td>
</tr>
<tr>
<td>Nathan Edward Williams, cum laude, in absentia</td>
<td>Carlsbad, New Mexico</td>
</tr>
<tr>
<td>Wayne Francis Joseph Yakes</td>
<td>San Antonio, Texas</td>
</tr>
</tbody>
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CREIGHTON UNIVERSITY
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College of Business Administration

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School of Medicine
School of Nursing
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OTHER DIVISIONS
Allied Health
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Summer Session

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