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University of Nebraska - Lincoln

Year 2009

College of Dentistry Collection
Development Policy

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University Libraries, University of Nebraska-Lincoln

Joan Latta Konecky, College of Dentistry Liaison Librarian, December 2009

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I. GENERAL ACADEMIC PROGRAM OVERVIEW

Collection Overview

The dentistry collection supports the teaching, research and service activities of the College of Dentistry and the related research endeavors of the University of Nebraska-Lincoln community. College of Dentistry cooperative research has been conducted with various departments in the College of Engineering, as well as those in chemistry, geology, pharmacy, and medicine. The College of Dentistry Faculty, staff and students also use the related biomedical research collections at the UNMC McGoogan Library of Medicine and have UNMC affiliate status and remote access privileges to the UNMC Library collections and subscriptions. They also have been granted UNL affiliate status and remote access privileges to the UNL collections and subscriptions by the UNL Dean of Libraries. The primary collection of dental materials is located at the UNL Libraries. Specific research needs are supplemented through interlibrary loan, primarily supplied by the UNMC McGoogan Library of Medicine.

College of Dentistry

The College of Dentistry is an academic unit of the University of Nebraska Medical Center physically located on the University of Nebraska-Lincoln East Campus.

The College consists of six departments:

- Dental Hygiene
- Adult Restorative, which includes Assessment and Treatment Planning, and the Sections of Operative Dentistry, Prosthodontics, Biomaterials, and Temporomandibular Disorders.
- Growth and Development, including the clinical specialties of orthodontics/dentofacial orthopedics and pediatric dentistry
- Hospital Dentistry, formed by the merger of the Pediatric Postgraduate Dentistry and Adult Dentistry (GPR) resident programs in 2006. The Post-Doctoral Program in Pediatric Dentistry is primarily based in Omaha in the Munroe-Meyer Institute at the University of Nebraska Medical Center. The Adult Dentistry residency program is also primarily based in Omaha, at the UNMC Adult Dentistry Clinic.
- Oral Biology, which includes the Biomonitoring Service and the Nebraska Center for Cellular Signaling.
- Surgical Specialties, which includes Sections of Endodontics, Periodontics and Oral/Maxillofacial Surgery

The College also has two research centers and several research groups:

- Cruzan Center for Dental Research, the central unit for coordinating clinical and applied dental research at the College, with research links to the American Cancer Society, International and American Associations for Dental Research, Centers for Disease Control and Prevention, National Institutes of Health, National Institute of Dental and Craniofacial Research (NIDCR),

and The Cochrane Collaboration. Research is currently focused within the areas of the Etiology of Oral Diseases, Oral Hygiene Devices, and Oral Pharmaceuticals

- Nebraska Center for Cellular Signaling. Through the collaborations among the University of Nebraska Medical Center, Creighton School of Medicine, and the University of Nebraska-Lincoln, the Center is the focal point for fostering new research initiatives within cell biology, especially in the fields of cell adhesion, cell motility and cancer biology.
- Biomaterials Group - research efforts fall into one of four general categories: biomechanics , mechanical and physical testing of biomaterials, biological response evaluation, and outcomes assessment (clinical trials)
- Bioregulation Group – research efforts are focused on the immunology of inflammation, and bone growth and physiology
- Participating member in the regional research cooperative Great Plains Health Research Consortium (GPHRC) and the Center for Clinical and Translational Research (CCTR)

Other research areas include: adult restorative dentistry, community dentistry, endodontics, oral biology, orthodontics, pedodontics, periodontics, dental hygiene, and nutrition.

Degrees offered:

The College offers a B.S. degree in dental hygiene, and a D.D.S. degree program incorporating the ADA recognized dental specialties of Dental Public Health, Endodontics, Oral Pathology, Oral Surgery, Orthodontics, Pediatric Dentistry, Periodontics, and Prosthodontics.

The College offers postgraduate training leading to attainment of the Certificate of Specialization in Endodontics, Orthodontics and Dentofacial Orthopedics, Pediatric Dentistry, Periodontics, and a Certificate of Completion in General Practice (GPR). The College of Dentistry also offers a one-year general practice residency.

The College's Department of Oral Biology participates in the Medical Sciences Interdepartmental Area (MSIA) Program in the Graduate College at the University of Nebraska Medical Center (UNMC). M.S. and Ph.D. degrees are offered with specialization in a variety of biomedical disciplines.

The programs in dental hygiene, dentistry, and advanced dental education are accredited by the Commission on Dental Accreditation, a specialized accrediting body recognized by the Council on Post Secondary Accreditation and the United States Department of Education.

II. GEOGRAPHICAL COVERAGE

At the basic, study and research levels material pertaining to dentistry is collected worldwide.

III. CHRONOLOGICAL COVERAGE

The emphasis is on current material. Historical materials are not actively acquired.

IV. IMPRINT DATE

The emphasis is on current materials. Older monographs and periodicals may be accepted as gifts, and microfilm backfiles of periodicals may be acquired.

V. FORMAT/TYPE AND LEVEL OF MATERIALS

Both print and electronic resources are purchased as well as online books. Electronic formats are preferred for current periodical subscriptions. For monographic works, the format choice is based primarily on price. Electronic formats are preferred for works that will support research interest on both UNL campuses.

VI. LANGUAGES

English is the preferred language, at all levels.

VII. SPECIAL FACTORS

Publications are collected from the following professional societies: American Dental Association, Nebraska State Dental Association, American Student Dental Association, and American Society of Dentistry for Children, American Association of Oral and Maxillofacial Surgeons, American Prosthodontic Society, American Association of Endodontics, American Association of Dental Schools, American Association for Dental Research, Academy of Pediatric Dentistry, and American Association of Orthodontics.

Oral biologists on the Dentistry faculty use the biological sciences collection extensively.

VII. CLASSIFICATION AND INTENSITY LEVEL (The following are listed by LC Class, Subject, and then by Intensity Level)

QD 241-441	Organic Chemistry	STUDY
QH 201-278.5	Microscopy	STUDY
QH 301-705	Biology; Evolution, Genetics, Ecology, Cytology	STUDY
QL 801-991	Zoology; Anatomy, Embryology	STUDY
QM 1-691	Human Anatomy; General, Regional Anatomy, Human and comparative histology, Human embryology	STUDY
QP351-495	Neurophysiology and neuropsychology	RESEARCH
QP501-801	Animal biochemistry	RESEARCH
QR75-171	Bacteria ; Microbial ecology; Microorganisms in the animal body	RESEARCH
QR180-189.5	Immunology	RESEARCH
QR355-502	Virology	RESEARCH
R 131-858	Medicine; History of medicine, Medical Philosophy, Medical Ethics, Practice of Medicine, Computer Application to Medicine	STUDY
RA 5-790.85	Public Aspects of Medicine; Medicine and the State, Public Health, Hygiene, Preventive Medicine	STUDY
RB 24-214	Pathology; Pathological anatomy and histology, Clinical Pathology and Laboratory technique, Manifestations of Diseases, Theories of Disease, Etiology, Pathogenesis	RESEARCH
RC 581-701	Internal Medicine	STUDY

RD 57-120	Surgery; Anesthesiology; Emergency surgery; Surgical complications, Plastic surgery; Reparative surgery; Prosthesis; Surgery by Region; Neoplasms	RESEARCH
RD 701-811	Orthopedic Surgery	RESEARCH
RF 110-547	Otorhinolaryngology	RESEARCH
RJ 9-550	Pediatrics; Pediatric Hospital Care, Diseases of Children and Adolescents	RESEARCH
RK1-715	Dentistry	STUDY
RK58-59.3	Practice of dentistry. Dental economics	RESEARCH
RK60.7-60.8	Preventive dentistry	RESEARCH
RK280	Oral and dental anatomy and physiology	RESEARCH
RK301-493	Oral and dental medicine. Pathology. Diseases	RESEARCH
RK501-519	Operative dentistry. Restorative dentistry	RESEARCH
RK520-528	Orthodontics	RESEARCH
RK529-535	Oral surgery	RESEARCH
RK641-667	Prosthetic dentistry. Prosthodontics	RESEARCH
RM146-180	Misuse of therapeutic drugs. Medication errors Administration of drugs and other therapeutic agents	RESEARCH
RM214-298	Diet therapy; Vitamin therapy; Chemotherapy; Antibiotics ; Immunotherapy. Serotherapy; Endocrinotherapy.	RESEARCH
RM300-671.5	Drugs and their actions ; Nonprescription drugs. Patent medicines	RESEARCH