



UNIVERSITY OF  
**LOUISVILLE**®

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SCHOOL OF DENTISTRY

**2011-2012**

**Mailing Address**

School of Dentistry  
University of Louisville  
Louisville, Kentucky 40202

**Location**

Health Sciences Center  
501 South Preston Street

**Telephone**

Dean's Office: 502-852-5295

Fax: 502-852-3364

Student Affairs: 502-852-5081

Fax: 502-852-1210

**Registrar's Office**

Belknap Campus: 502-852-6522

School of Dentistry: 502-852-1207

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### **Consult:**

Office of Student Affairs  
School of Dentistry  
Telephone: 852-5081

Office of the Dental Registrar  
School of Dentistry  
Telephone: 852-1207

Registrar's Office  
Belknap Campus  
Houchens Building  
Telephone: 852-6522

Office of the Bursar  
Belknap Campus  
Houchens Building  
Telephone: 852-6503

Laurie O'Hare  
School of Dentistry  
Telephone: 852-5076

Housing Office  
Belknap Campus  
Stevenson Hall  
Telephone: 852-6636

Department of HSC Public Safety  
Chestnut Street Garage  
Telephone: 852-5112

Student Health Services  
Belknap Campus  
Telephone: 852-6479

Dr. David A. Scott  
School of Dentistry  
Telephone: 852-8905

Dental Hygiene Program

Dental Hygiene Admissions  
School of Dentistry  
Telephone: 852-5081

Dental Continuing Education

Dental Continuing Education  
School of Dentistry  
Telephone: 852-5077

Student Government

HSC Student Government Office  
Telephone: 852-5041

### **Postgraduate Programs & Residencies**

Endodontics Postgraduate Program

Departments of Oral Health and  
Rehabilitation  
Telephone: 852-1318

General Practice Residency Program

Department of Surgical and  
Hospital Dentistry  
Telephone: 852-5083

Oral and Maxillofacial Surgery  
Advanced Training Program

Department of Surgical and  
Hospital Dentistry  
Telephone: 852-5083

Orthodontics Postgraduate Program

Department of Orthodontic, Pediatric  
Dentistry, and Special Care  
Telephone: 852-5124

Pediatric Dentistry Postgraduate Program

Department of Orthodontic, Pediatric  
Dentistry, and Special Care  
Telephone: 852-5124

Periodontics Postgraduate Program

Department of Oral Health and  
Rehabilitation  
Telephone: 852-6928

### **Departments**

Department of General Dentistry and Oral Medicine

Telephone: 852-5661

Department of Molecular, Cellular, and Craniofacial  
Biology

Telephone: 852-7507

Department of Orthodontic, Pediatric Dentistry, and  
Special Care

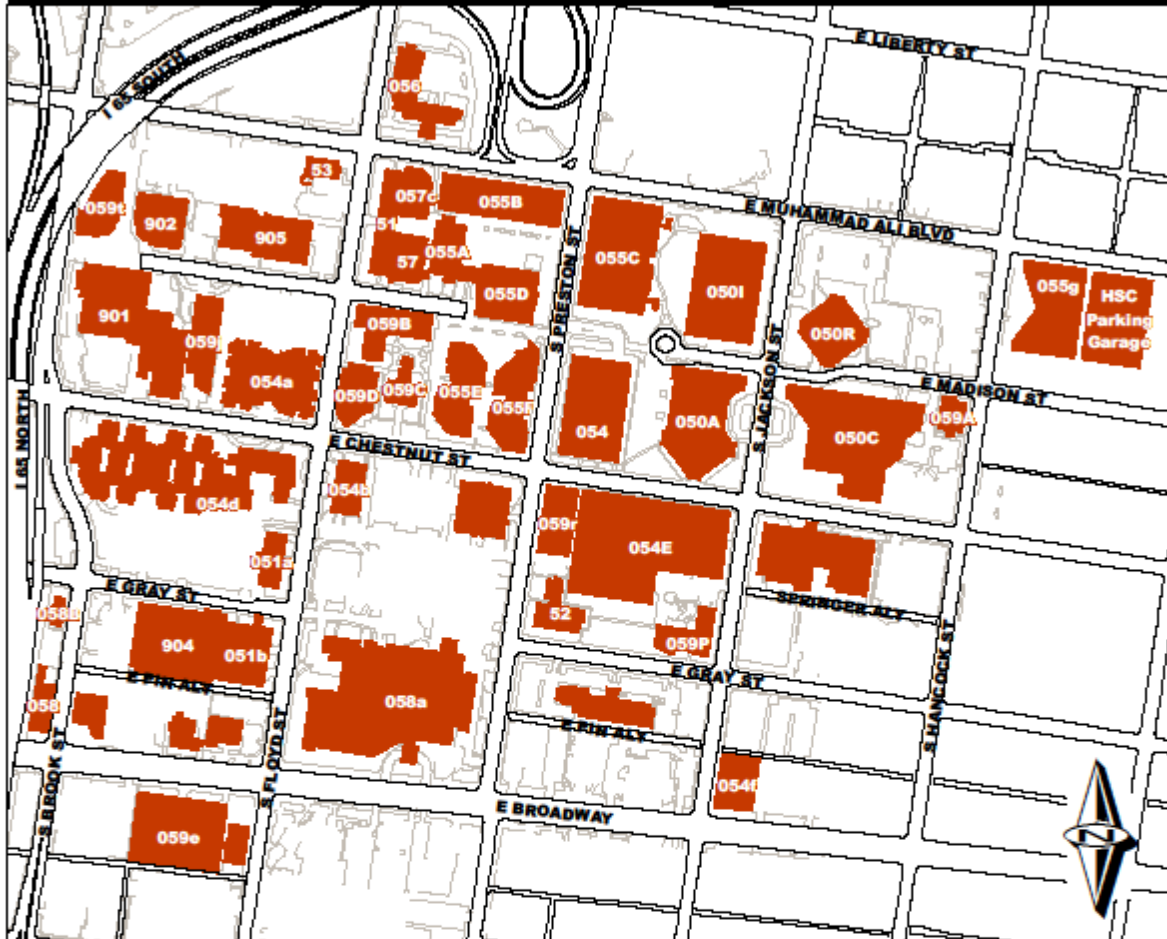
Telephone: 852-5124

Department of Oral Health and Rehabilitation

Telephone: 852-6928

Department of Surgical & Hospital Dentistry

Telephone: 852-5083



224 E. Broadway Bldg	59E	Dev. Biology Research Ctr.	53	Med. Ctr. Steam/Chilled Water	905
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“The University of Louisville is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools (1866 Southern Lane, Decatur, Georgia 30033-4097; Telephone number: 404-679-4501) to award Associate, Baccalaureate, Master’s, Doctoral, and First Professional Degrees (D.M.D., J.D., M.D.).”

The University of Louisville School of Dentistry reserves the right to change programs of study, academic requirements, fees, schedules of courses, or the announced academic calendar without prior notice.

The provisions of this publication do not constitute an express or implied contract between the University and any member of the student body, faculty, or general public.

The University of Louisville is an equal opportunity institution and does not discriminate against persons because of race, religion, sex, age, national origin, or handicap.

The REDBOOK is the official statement of the organizational structure, the rules of governance and procedures, and the University-wide policies of the University of Louisville. If there is any conflict between the policies, procedures or other statements contained within this bulletin, the REDBOOK shall govern. Copies of the REDBOOK are under the control of the University Counsel. Official copies are maintained by all University Libraries, the Student Government Association Office, the student grievance officer, and the Vice President for Student Affairs.

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# Dean's Office

## Message from the Dean

As the Dean of the School of Dentistry, I am honored to work with an exceptional community of educators, scientists, and clinicians at the ULSD. Moreover, I look forward to working with the faculty, students, alumni, and friends of the Dental School and the university community to ensure that Dentistry's Challenge for Excellence continues at the pace set by my predecessors.

## Dentistry's Challenge for Excellence

In essence, we will sustain the initiative "...to become a preeminent metropolitan research university nationally recognized for our success in advancing the intellectual, social, and economic development of our community and our Commonwealth" developed in 1997. The School of Dentistry, as a member of the Louisville academic community, was called to be a contributor to the attainment of the university's Challenge. In addition, at that time, national influences on dental education provided an opportune time to change the way we do things in dental education, research, patient care, and service.

The ULSD has a continuation plan to transform the UofL dental education enterprise to support the university's Challenge and contribute to the national advancement of academic dentistry. In a time when accountability and selective investments are being made in higher education, it will be in our best interest to implement a similar strategy of accountability and selective investment.

We will measure our progress using the School of Dentistry scorecard. What follows is a five-year update to position the School of Dentistry to be recognized as a significant contributor to the Challenge.

## The School of Dentistry will:

- be a nationally recognized institution of academic dentistry for being:
- be one of the top 10 dental schools in the US
- be an outstanding clinical education program
- be a leader in simulation education and technology
- be a leader in biomedical research
- deliver our clinical education program as a comprehensive care general practice program
- provide outstanding quality and cost efficient advanced education programs
- enhance our basic science and clinical research funding to at least \$7 million annually
- enhance scholarship through peer-reviewed publications and invited national/international presentations
- increase permanent endowments to at least \$5 million
- implement the ULSD unit diversity plan that supports race and gender diversity, equity, and open communication
- create a master facilities plan, to include renovation of the clinical facilities
- contribute to the metropolitan community and economic development
- be viewed as a leader at the university in pursuit of the Challenge

John J. Sauk, DDS, MS

Dean

## **General Information**

### **Health Sciences Center**

The University of Louisville Health Sciences Center (HSC) is located just east of downtown Louisville on the Health Sciences Campus and is contiguous to the main properties of three separate hospital systems—the University Hospital, Jewish Hospital Healthcare Services (JHHS), and Norton Healthcare.

Collectively this area, which totals 24 city blocks, is known as the Louisville Medical Center. It is easily accessible from all residential areas of the city. The quadrangle of the HSC includes the Schools of Medicine and Dentistry, the Instructional Building, and the Commons Building which houses an auditorium, library, and café. A building adjacent to the quadrangle houses the School of Nursing, the Children and Youth Health Clinic, and the campus bookstore. The School of Public Health and Information Sciences, administrative offices of the School of Medicine, and conference facilities are housed in the beautifully renovated Abell Administration Building. Other facilities within the Health Sciences complex include the Ambulatory Care Building, an outpatient care facility housing many of the University's clinical departments and teaching practices as well as the Primary Care Center, and the James Graham Brown Cancer Center, a cancer care and research facility. The Donald E. Baxter and Delia B. Baxter Biomedical Research Buildings total over 17,000 square feet of research space.

### **History**

The University of Louisville School of Dentistry enjoys a rich heritage in dental education and a reputation for clinical excellence that reaches back to the 1800s.

Since the first class of 10 dentists graduated in 1887, over 7,500 men and women have joined their ranks. With record numbers of outstanding applications – more than 2,400 for 120 positions – the school's tradition of excellence promises to stretch far into the future. More than 1,000 dental hygienists have graduated from ULSD since the program began in 1952. The Dental Hygiene Bachelor of Science program is Kentucky's only dental hygiene program housed within a dental school.

More than 100,000 patients are seen each year at the dental school. Under the leadership of the ULSD Community Dental Health program, our faculty, staff, and students provide approximately \$1 million worth of dental services to the underserved each year and participate in more than 80 ongoing initiatives to promote oral health.

### **Innovation in Clinical Education**

The University of Louisville School of Dentistry is a leader in computer-assisted education in both classrooms and clinics. Students can practice clinical skills on lifelike patient mannequins in the Simulation Clinic. The Dental Education Center is outfitted with state-of-the-art equipment. The entire building has wireless access.

Patient treatment areas and Pediatric Dentistry and Orthodontic clinics are all newly renovated and designed to provide flexibility and improved patient flow to further enhance students' clinical education.

### **Facilities of the School of Dentistry**

The three-story School of Dentistry building occupies almost 200,000 square feet at the Health Sciences Center campus. Emphasis has been placed on clinical and laboratory facilities and equipment. Clinical areas have been provided in the School of Dentistry using a cubicle system. In a cubicle, the student conducts his or her practice in an atmosphere of privacy which enhances efficiency and self-confidence in the pursuit of total patient care.

The laboratories are multi-disciplinary units which provide an area for individual study and work. Each work station is equipped with both high and low bench positions. The high bench provides all utilities necessary for biological laboratory procedures, while the low bench enables a student to learn preclinical techniques in a sitting position where a patient-simulated manikin and modern equipment closely simulate the clinical environment. Support laboratories adjacent to the unit labs provide areas for technical laboratory procedures.

## **Research**

UofL has emerged as a leader in oral biology research with world class faculty members respected for their discoveries.

- In 2009, the National Institutes of Health (NIH) ranked the University of Louisville School of Dentistry 14<sup>th</sup> among all dental schools, rising from 17<sup>th</sup> in 2006.
- ULSD grant funding increased from \$8.7 million in 2006 to \$9,472.559 in 2009.

The University of Louisville School of Dentistry research program is divided into two sections:

### **Oral Health and Systemic Disease Research Group**

The Oral Health and Systemic Disease Research Group are involved primarily in studying the effects of bacteria on the host and how these local, oral effects may influence systemic health.

### **Department of Molecular, Cellular, and Craniofacial Biology**

This department conducts fundamental and applied research on cellular and molecular aspects of embryonic development and acquired congenital malformations as well as protein expression and trafficking. It is also home to the University of Louisville Birth Defects Center.

## **Mission Statement**

The University of Louisville School of Dentistry, through excellence in teaching and research, will educate competent dental professionals. The School will provide quality dental care and will serve the community to fulfill our urban and statewide missions.

## **Goal of the School**

The goals of the School of Dentistry are:

- to educate and develop competent general dentistry and allied dental personnel who are biologically informed, technically proficient, socially responsible, and research conscious.
- to conduct clinical education programs which provide quality dental care for patients.
- to conduct advanced educational programs for the development of personnel in the dental health field.
- to conduct programs for continuing professional education of dental practitioners, allied dental personnel, and others interested in dental health.
- to advance knowledge through research.
- to service dentistry, the community, the state, and the nation in all appropriate matters.

## **The University and the Community**

The health sciences are an integral component of the University of Louisville, although the campus is physically separated from the main Belknap Campus. This relationship gives students and faculty of the Health Sciences Center Campus the support of a diverse educational institution and obligates faculty and students to the total philosophy of the University. The University of Louisville has had close historical

ties with the city of Louisville and also with Jefferson County. Founded first in 1798 as Jefferson Seminary and later known as Louisville College, in 1846 it became the University of Louisville and in 1970, a state university.

As a result of this historic development, the University has a special responsibility for the educational and cultural life of this area. This responsibility is reflected in its objectives to preserve and articulate the major elements of man's cultural heritage; assist students in the development of exact, critical, and independent thinking; and further the general education of students, with special emphasis on the recognition of all human values, and of civic and international responsibilities.

The University of Louisville is also well aware of the professional resources it can offer the community of which it is a part and conducts multifaceted programs to use its resources for the benefit of the communities it serves. The University of Louisville is a vital and integrated component of the city of Louisville, the Commonwealth of Kentucky, and the nation.

Involvement in the community and concern for the community are the basics of University priority. Besides providing the community with educated citizens and competent professionals, the University has demonstrated its concern with environmental factors, social conditions, civic problems, legal questions, and health matters. The faculty and students of the University serve the community in many ways through affiliations with other agencies and through voluntary and independent efforts.

The University of Louisville is the Commonwealth's major urban university and conducts programs related to this mission. The Schools of Medicine, Dentistry, Public Health, and Nursing, have a statewide mission: to provide support services for health practitioners as well as to educate highly competent health professionals. Personnel are intimately involved in long-range health planning for the community and Commonwealth, and their expertise is utilized by individual agency programs and by private health practitioners. The School of Dentistry, deeply committed to community service, constantly seeks ways in which its resources can aid the spectrum of persons throughout the state.

Research activities of the school include the study of the availability of dental services throughout the Commonwealth with the objective of improving the distribution of dentists. Affiliations between the school and several community agencies have been developed to extend and improve dental services provided the agencies and to provide community participation opportunities to students. In addition to many structured programs conducted by the school, concerned students (with faculty support) participate in voluntary community health programs.

The school routinely provides dental service through its clinics and it conducts continuing education activities for practitioners and agencies of the area. Most importantly, it serves the community by graduating highly competent dentists and dental hygienists to help meet the oral health needs of Kentucky.

### **Drug-Free Schools Notice**

As required by the Federal Drug-Free Schools and Communities Act Amendments of 1989, you are hereby notified by the University of Louisville that on University premises or at University-sponsored activities the following acts are prohibited:

1. Distribution, possession, or use of any illegal drug or controlled substance without legal authorization;
2. Providing alcoholic beverages to individuals under 21 years of age, or possession of alcoholic beverages by individuals under 21 years of age; or

3. Illegal possession of an open container of an alcoholic beverage, public intoxication, driving while intoxicated, and drinking alcoholic beverages in an unlicensed public place.

In addition to imposition of disciplinary sanctions under University procedures, including suspension or separation from the University for such acts, students or employees may face prosecution and imprisonment under Federal and Kentucky laws which make such acts felony and misdemeanor crimes.

The Code of Student Conduct lists details of offenses and disciplinary actions relating to students. Staff may be disciplined under Section 11.1 of the Staff Handbook. Faculty may be disciplined by Deans per REDBOOK Sections 4.5.3 or 3.2.2 with review per 4.4 for sanctions less than dismissal or suspension for one year.

The health risks associated with the misuse and abuse of mind-altering drugs, including controlled substances and alcohol, include but are not limited to: physical and psychological dependence; damage to the brain, pancreas, kidneys and, lungs; high blood pressure, heart attacks, and strokes; ulcers; birth defects; a diminished immune system; and, death.

The Counseling Center and Student Health Services provide assessment and referral services to University students, as well as serving as an alcohol and other drug information/education resource. For further information, call 852-6585. Service for faculty and staff are available through the Faculty/Staff Assistance Program. For further information call 852-6543.

# **Admissions Information for the School of Dentistry**

## **Policy**

Mission of the Admissions Committee:

The University of Louisville School of Dentistry Admissions Committee shall identify, evaluate, and recommend applicants to the Dean who demonstrates the academic, cultural, social, and personal abilities to become competent dentists who will serve the community to fulfill our diverse urban and statewide missions.

The Committee on Admissions selects a student on the basis of academic proficiency in pre-dental studies, performance on the Dental Admissions Test, recommendations, and nonacademic factors based on a personal interview. A numerical Admissions Index is used to assist in determining which students will be accepted. Sixty percent of an applicant's index score is based on academic factors and forty percent is based on personal qualities.

Candidates for the study of dentistry must have sound ethical and moral character and possess the ability to grow professionally. Applicants for the first-year class of the University of Louisville School of Dentistry are considered on their own merits, without prejudice regarding race, religion, sex, age, handicap, color, or national origin.

Dentistry is the practice of applied biological science and requires a high degree of technical competence. Since members of the profession have many civic and social responsibilities, a highly developed sense of social awareness is required. An understanding of human nature and human relationships is of utmost importance. In selecting courses in preparation for the study of dentistry, a student should include courses in the natural/physical sciences and in the social sciences and humanities which are the foundations of a liberal education. Additional courses in business, mathematics, and communication skills have proven advantageous to our graduates.

## **Academic Background**

Applicants must have completed a minimum of 90 semester hours of college course work, including 32 hours of science courses, from a U.S. or Canadian school. Applicants who will have earned a baccalaureate degree prior to enrollment are given additional consideration. The Admissions committee reserves the right to modify admission requirements on a case-by-case basis.

Recommended courses are:

General Chemistry: 2 semesters

Organic Chemistry: 2 semesters or

Organic Chemistry (1 semester) and Biochemistry (1 semester)

Physics: 1 semester

Biology: 4 semesters minimum

Recommended Biology courses are:

Comparative anatomy or upper level human anatomy (strongly recommended)

Biochemistry (strongly recommended)

Histology

Physiology  
Cellular biology  
Microbiology  
Immunology  
Other upper-level biology courses

It is expected that all applicants will have completed general education requirements and have received a broad exposure to the humanities and social sciences. Additional courses that students have found helpful include fine arts, business, psychology, and communications.

### **Dental Admission Test**

The Dental Admission Test is required of all entering students. Applicants may take the test, via computer, at a date and time of their choosing, but are encouraged to take the test no later than October prior to their anticipated enrollment for the following fall. After registering for the Dental Admission Test through the American Dental Association, applicants may contact a local Sylvan Learning Center to schedule a test date. Further information may be obtained from pre dental advisors, the School of Dentistry, or by writing the Division of Educational Measurements, American Dental Association, 211 East Chicago Avenue, Chicago, Illinois 60611.

### **Application**

The School of Dentistry participates in the Associated American Dental Schools Application Service (AADSAS). A person interested in making application should contact AADSAS to secure an application packet.

AADSAS  
1400 K Street, NW, Suite 1100  
Washington, D.C. 20005  
Telephone: 202-289-7201

Students are encouraged to initiate the application process during the summer or early fall prior to the application deadline to insure sufficient time for processing. Both Kentucky and out-of-state residents are considered for admission. Kentucky residents may also be given additional consideration if they meet criteria for being “disadvantaged” as follows:

A “disadvantaged applicant” is defined as one who cannot compete on an equitable basis, using standard criteria for acceptance to Dental School and/or has not had equal educational opportunity. Each of the following criteria indicates a disadvantaged applicant:

Parental education: both parents with high school education or less.

Resident of a non-metropolitan county which includes all Kentucky counties EXCEPT Boyd (Ashland), Campbell (Cincinnati area), Daviess (Owensboro), Fayette (Lexington), Jefferson (Louisville), Kenton (Cincinnati area), McCracken (Paducah), and Warren (Bowling Green).

Parental occupation: tradesman, semi-skilled, or unskilled including farm labor.

English spoken as a second language.

Orphan or single parent family.

Efforts are made to attract minority applicants. All applicants seriously considered for admission must participate in an on-site interview. These individuals are provided information regarding the School's goals, strengths, expectations, and student performance. Financial considerations are also discussed. Applicants meet with faculty and interact with students. Applications from the American Association of Dental Schools Applications Services (AADSAS) are accepted from June 1 through February 1 each year. The application deadline is January 1 of each year. Approximately 350-400 applicants are interviewed each year to fill a class of 120 (44 Kentucky residents, 76 non-residents).

Letters of acceptance are offered beginning December 1 in accordance with AADSAS policy. A non-refundable deposit of \$200 is required to reserve a place in the class. The deposit is applied to the cost of registration for the first semester of enrollment. All acceptances are granted contingent upon the satisfactory completion of any college work in progress at the time of acceptance. Inquiries concerning admission should be addressed to the following:

Office of Student Affairs  
School of Dentistry, Room 234  
University of Louisville  
Louisville, Kentucky 40292-0001

The School of Dentistry reserves the right to limit enrollment on the basis of scholarship, recommendations, interviews, and any other factors affecting the admission process.

## **Timetable of Applications and Acceptance**

### **Filing of formal application**

Earliest date: June 1  
Latest date: January 1  
Application fee: \$50.00

### **Notification of Acceptance**

Earliest date: December 1  
Latest date: Varies

### **Applicant Response to Acceptance**

If accepted between December 1 and January 1: 45 days  
If accepted between January 1 and February 1: 30 days  
If accepted after February 1: 15 days

A deposit fee of \$200 holds a place in class. The deposit is non-refundable if acceptance is canceled by applicant.

## **Fees and Expenses**

### **Registration Fees**

For residents of Kentucky, the tuition for the academic year is \$24,700 annually. For non-residents of Kentucky, the tuition is \$53,876 annually. Questions of resident status should be addressed to the Office of Student Services, University of Louisville, Belknap Campus, Louisville, Kentucky 40292. The amounts include the mandatory student activity and student building fees, but do not include the following:

### **Fees**

Application for Degree	\$20
Transcript for enrolled students	\$5 mailed; \$10 on the spot
Late payment fee	\$50
Transcript after graduation (first one after degree is free)	\$5 mailed; \$10 on the spot
Replacement Diploma	\$20

Note: Fees and refund schedules are established by the Board of Trustees and are subject to change without prior notice.

### **Registration Fees (2011-2012)**

	Resident	Non-Resident
Tuition & fees	\$24,700	\$53,876
Instrument Rental	7,000	7,000
Total	\$31,700	\$60,876

### **Payment of Fees and Student Financial Responsibility**

University policy requires that registration fees be paid in full at the beginning of each term on or before the designated due date. Payment may be made by cash, money order, or charge card (Master Card, VISA). Other payment options include short-term tuition loan (with repayment occurring during the semester), or financial aid credit. All payment options are detailed on the tuition statement that is mailed to all registered students prior to the start of each semester.

### **Penalty**

The Registrar may discontinue services, including the privilege of registration, to a person having a past due University account. The Bursar's Office ordinarily will accept a check from any person for only the amount which that person owes the University. Checks for larger amounts are not cashed. Checks postdated will not be accepted nor will any check be held for deferred deposit. A \$15 penalty will be charged for returned checks. If such a check and penalty are not paid promptly, the student will be subject to legal action.

## Refunds

When a student officially withdraws (see below) from the University or from any course, or courses, for which hourly rates apply, tuition and Student Activity fee charges and credits will be adjusted in the following manner:

	<b>Semester Charge</b>	<b>Tuition Credit</b>
Withdrawal through the first week of semester	0%	100%
Withdrawal during second week of semester	50%	50%
Withdrawal during third or fourth week of semester	75%	25%
Withdrawal after fourth week of semester	100%	0%

This policy applies to all tuition and Student Activity fees except for non-refundable deposits. Special course fees, laboratory fees and the student building fee are refundable only with 100% adjustment.

## Withdrawal Policy

The effective withdrawal date is the date on which the withdrawal is processed in the Student Records System. This date is used in calculating any tuition reduction due.

A student who leaves school unofficially, that is, without permission from the Dean's Office, may forfeit all rights to a refund or reduction of account and may receive the mark of "F" in all courses.

Note: The schedules, fees, and regulations specified are subject to change without notice.

## Parking

Parking permits are provided for a fee by the University of Louisville. Parking spaces are available to students at the Health Sciences Center campus in designated structures.

Any student planning to drive on the Health Sciences Center campus is required to fill out official automobile registration forms to receive a parking permit. These forms are available in the Office of Public Safety. It is expected that all who avail themselves of the parking facilities provided will do so subject to the rules and regulations of the University and with due regard to the rights of others. Parking tickets must be paid promptly at the Public Safety Office or submitted with a reasonable excuse to the appeal committee; otherwise, such a ticket becomes a charge against the person to whom issued.

The following University parking fees are in effect for 2011-2012

Student per year                      \$132 (green permit)

## **Residency Status**

### **13 KAR 2:045. Determination of residency status for admission and tuition assessment purposes.**

RELATES TO: KRS Chapter 13B, 164.020, 164.030, 164A.330(6)

STATUTORY AUTHORITY: KRS 164.020(8) NECESSITY, FUNCTION, AND CONFORMITY: KRS 164.020(8) requires the Council on Postsecondary Education to determine tuition and approve the minimum qualifications for admission to a state-supported postsecondary education institution and authorizes the Council to set different tuition amounts for residents of Kentucky and for non-residents. This administrative regulation establishes the procedure and guidelines for determining the residency status of a student who is seeking admission to, or who is enrolled at, a state-supported postsecondary education institution.

#### **Section 1. Definitions.**

- (1) “Academic term” means a division of the school year during which a course of studies is offered, and includes a semester, quarter, or single consolidated summer term as defined by the institution.
- (2) “Continuous enrollment” means enrollment in a state-supported postsecondary education institution at the same degree level for consecutive terms, excluding summer term, since the beginning of the period for which continuous enrollment is claimed unless a sequence of continuous enrollment is broken due to extenuating circumstances beyond the student’s control, including serious personal illness or injury, or illness or death of a parent.
- (3) “Degree level” means enrollment in a course or program which could result in the award of a:
  - (a) Certificate, diploma, or other program award at an institution;
  - (b) Baccalaureate degree or lower including enrollment in a course by a nondegree-seeking post baccalaureate student;
  - (c) Graduate degree or graduate certification other than a first-professional degree in law, medicine, dentistry, or “Pharm. D”; or
  - (d) Professional degree in law, medicine, dentistry, or “Pharm. D”.
- (4) “Demonstration of Kentucky domicile and residency” means the presentation of documented information and evidence sufficient to prove by a preponderance of the evidence that a person is domiciled in Kentucky and is a resident of Kentucky.
- (5) “Dependent person” means a person who cannot demonstrate financial independence from parents or persons other than a spouse and who does not meet the criteria established in Section 5 of this administrative regulation.
- (6) “Determination of residency status” means the decision of a postsecondary education institution that may include a formal hearing that results in the classification of a person as a Kentucky resident or as a nonresident for admission and tuition assessment purposes.

(7) “Domicile” means a person’s true, fixed, and permanent home and is the place where the person intends to remain, and to which the person expects to return if absent without intending to establish a new domicile elsewhere.

(8) “Full-time employment” means continuous employment for at least forty-eight (48) weeks at an average of at least thirty (30) hours per week.

(9) “Independent person” means a person who demonstrates financial independence from parents or persons other than a spouse and who can meet the criteria established in Section 5 of this administrative regulation.

(10) “Institution” means an entity defined in KRS 164.001 (11) if the type of institution is not expressly stated and includes the Kentucky Virtual University, the Council on Postsecondary Education, and the Kentucky Higher Education Assistance Authority.

(11) “Kentucky resident” means a determination by an institution that a person is domiciled in and is a resident of Kentucky as determined by this administrative regulation.

(12) “Nonresident” means a person who is domiciled outside of Kentucky or who currently maintains legal residence outside Kentucky or who is not a Kentucky resident within the meaning of this administrative regulation.

(13) “Parent” means one (1) of the following:

- (a) A person’s father or mother, or
- (b) A court-appointed legal guardian if:

1. The guardianship is recognized by an appropriate court within the United State;
2. There was a relinquishment of the rights of the parents; and
3. The guardianship was not established primarily to confer Kentucky residency on the person.

(14) “Preponderance of the evidence” means the greater weight of evidence, or evidence which is more credible and convincing to the mind.

(15) “Residence” means the place of abode of a person and the place where the person is physically present most of the time for a non-educational purpose in accordance with Section 3 of this administrative regulation.

(16) “Student financial aid” means all forms of payments to a student if one (1) condition of receiving the payment is the enrollment of the student at an institution.

(17) “Sustenance” means living expenses including room, board, maintenance, transportation, and also may include educational expenses including tuition, fees, books, and supplies.

## **Section 2. Scope.**

(1) State-supported postsecondary education institutions were established and are maintained by the Commonwealth of Kentucky primarily for the benefit of qualified residents of Kentucky. The substantial commitment of public resources to postsecondary education is predicated on the proposition that the state benefits significantly from the existence of an educated citizenry. As a matter of policy, access to postsecondary education shall be provided so far as feasible at reasonable cost to an individual who is domiciled in Kentucky and who is a resident of Kentucky.

(2) The Council on Postsecondary Education may require a student who is neither domiciled in nor a resident of Kentucky to meet higher admission standards and to pay a higher level of tuition than resident students.

(3) This administrative regulation applies to all student residency determinations regardless of circumstances, including residency determinations made by the state-supported institutions for prospective and currently-enrolled students; the Southern Regional Education Board contract spaces; reciprocity agreements, where appropriate; the Kentucky Virtual University; academic common market programs; the Kentucky Educational Excellence Scholarship Program; and other state student financial aid programs, as appropriate.

## **Section 3. Determination of Residency Status: General Rules.**

(1) A determination of residency shall include:

- (a) An initial determination of residency status by an institution during the admission process or upon enrollment in an institution for a specific academic term or for admission into a specific academic program;
- (b) A reconsideration of a determination of residency status by an institution based upon a changed circumstance; and
- (c) A formal hearing conducted by an institution upon request of a student after other administrative procedures have been completed.

(2) An initial determination of residency status shall be based upon:

- (a) The facts in existence when the credentials established by an institution for admission for a specific academic term have been received and during the period of review by the institution;
- (b) Information derived from admissions materials;
- (c) Other materials required by an institution and which are consistent with this administrative regulation; or
- (d) Other information available to the institution from any source.

(3) An individual seeking a determination of Kentucky residency status shall demonstrate that status by a preponderance of the evidence.

(4) A determination of residency status shall be based upon verifiable circumstances or actions.

(5) Evidence and information cited as the basis for Kentucky domicile and residency shall accompany the application for a determination of residency status.

(6) A student classified as a nonresident shall retain that status until the student is officially reclassified by an institution.

(7) A student may apply for a review of a determination of residency status once for each academic term.

(8) If an institution has information that a student's residency status may be incorrect, the institution shall review and determine the student's correct residency status.

(9) If the Council on Postsecondary Education has information that an institution's determination of residency status for a student may be incorrect, it may require the institution to review the circumstances and report the results of that review.

(10) An institution shall impose a penalty or sanction against a student who gives incorrect or misleading information to an institutional official, including payment of nonresident tuition for each academic term for which resident tuition was assessed based on an improper determination of residency status. The penalty may also include:

(a) Student discipline by the institution through a policy written and disseminated to students; or

(b) Criminal prosecution.

#### **Section 4. Presumptions Regarding Residency Status.**

(1) In making a determination of residency status, it shall be presumed that a person is a nonresident if:

(a) A person is, or seeks to be, an undergraduate student and admissions records show the student to be a graduate of an out-of-state high school within five (5) years prior to a request for a determination of residency status;

(b) A person's admissions records indicate the student's residence to be outside of Kentucky at the time of application for admission;

(c) A person moves to Kentucky primarily for the purpose of enrollment in an institution;

(d) A person moves to Kentucky and within twelve (12) months enrolls at an institution more than half time; or

(e) A person has a continuous absence of one (1) year from Kentucky.

(2) A presumption arising from subsection (1) of this section shall be overcome by presentation of evidence that is sufficient to demonstrate that a person is domiciled in and is a resident of Kentucky.

#### **Section 5. Determination of Whether a Student is Dependent or Independent.**

(1) In a determination of residency status, an institution shall first determine whether a student is dependent or independent. This provision is predicated on the assumption that a dependent person lacks the financial ability to live independently of the person upon whom the student is dependent and therefore lacks the ability to form the requisite intent to establish domicile.

(2) In determining the dependent or independent status of a person, the following information shall be considered as well as other relevant information available at the time the determination is made:

(a) Whether the person has been claimed as a dependent on the federal or state tax returns of a parent or other person for the year preceding the date of application for a determination of residency status; or

(b) Whether the person is no longer claimed by a parent or other person as a dependent or as an exemption for federal and state tax purposes; and

(c) Whether the person has financial earnings and resources independent of a person other than an independent spouse necessary to provide for the person's own sustenance.

(3) An individual who enrolls at an institution immediately following graduation from high school and remains enrolled shall be presumed to be a dependent person unless the contrary is evident from the information submitted.

(4) Domicile may be inferred from the student's permanent address, parent's mailing address, or location of high school of graduation.

(5) Marriage to an independent person domiciled in and who is a resident of Kentucky shall be a factor considered by an institution in determining whether a student is dependent or independent.

(6) Financial assistance from or a loan made by a parent or family member other than an independent spouse, if used for sustenance of the student:

(a) Shall not be considered in establishing a student as independent; and

(b) Shall be a factor in establishing that a student is dependent.

## **Section 6. Effect of a Determination of Dependent Status on a Determination of Residency Status.**

(1) The effect of a determination that a person is dependent shall be:

(a) The domicile and residency of a dependent person shall be the same as either parent. The domicile and residency of the parent shall be determined in the same manner as the domicile and residency of an independent person.

(b) The domicile and residency of a dependent person whose parents are divorced, separated, or otherwise living apart shall be Kentucky if either parent is domiciled in and is a resident of Kentucky regardless of which parent has legal custody or is entitled to claim that person as a dependent pursuant to federal or Kentucky income tax provisions.

(c) If the parent or parents of a dependent person are Kentucky residents and are domiciled in Kentucky but subsequently move from the state, the dependent person shall be considered a resident of Kentucky while in continuous enrollment at the degree level in which currently enrolled.

(d) If continuous enrollment is broken or the current degree level is completed, the dependent person's residency status shall be reassessed when the circumstances detailed in subparagraph 1 of this paragraph are present.

**Section 7. Member of Armed Forces of the United States, Spouse and Dependents; Effect on a Determination of Residency Status.**

(1) A member, spouse, or dependent or a member whose domicile and residency was Kentucky at the time of induction into the Armed Forces of the United States, and who maintains Kentucky as home of record and permanent address, shall be entitled to Kentucky residency status:

- (a) During the time of active service; or
- (b) If the member, spouse, or dependent returns to this state within six (6) months of the date of the member's discharge from active duty.

(2) A member, spouse or dependent of a member of the Armed Forces of the United States stationed in Kentucky on active military orders shall be considered a Kentucky resident while the member is on active duty in this state pursuant to those orders if the member is not:

- (a) Stationed in Kentucky for the purpose of enrollment at an institution; or
- (b) On temporary assignment of less than one (1) year.

(3) A member's spouse, or dependent of a member, shall not lose Kentucky residency status if the member is thereafter transferred on military orders while the member, spouse or dependent requesting the status is in continuous enrollment at the degree level in which currently enrolled.

(4) Membership in the National Guard or civilian employment at a military base alone shall not qualify a person for Kentucky residency status under the provisions of subsections (1) and (2) of this section.

(5) A person's residency status established pursuant to this section shall be reassessed if the qualifying condition is terminated.

**Section 8. Status of Nonresident Aliens; Visas and Immigration.**

(1) A person holding a permanent residency visa or classified as a political refugee shall establish domicile and residency in the same manner as another person.

(a) Time spent in Kentucky and progress made in fulfilling the conditions of domicile and residency prior to obtaining permanent residency status shall be considered in establishing Kentucky domicile and residency.

(2) A person holding a nonimmigrant visa with designation A, E, G, H-1, H-4 if accompanying a person with an H-1 visa, I, K, L, N, R, shall establish domicile and residency the same as another person.

(3) An independent person holding a nonimmigrant visa with designation B, C, D, F, H-2, H-3, H-4 if accompanying a person with an H-2 or H-3 visa, J, M, O, P, Q, S, TD, or TN shall not be classified as a Kentucky resident, because that person does not have the capacity to remain in Kentucky indefinitely and

therefore cannot form the requisite intent necessary to establish domicile within the meaning of this administrative regulation.

(a) A dependent person holding a visa as described in paragraph (a) of this subsection, but who is a dependent of a parent holding a visa as described in subsection (2) of this section, shall be considered as holding the visa of the parent.

(b) A dependent person holding a visa described in subsection (2) of this section or paragraph (a) of this subsection, if a parent is a citizen of the United States and is a resident or and domiciled in Kentucky, shall be a resident of Kentucky for the purposes of this administrative regulation.

(4) A person shall be a Kentucky resident for the purpose of this administrative regulation if the person graduated from a Kentucky high school and:

(a) is an undocumented alien;

(b) holds a visa listed in subsections (2) or (3)(a) of this section; or

(c) is a dependent of a person who holds a visa listed in subsections (2) or (3)(a) of this section.

(5) Except as provided in paragraph (b) of this subsection, a person who has petitioned the federal government to reclassify visa status shall continue to be ineligible until the petition has been decided by the federal government.

(a) A person who has petitioned the federal government to reclassify visa status based on a marriage to a Kentucky resident and who can demonstrate that the petition has been filed and acknowledged by the federal government, may establish Kentucky domicile and residency at that time.

**Section 9. Beneficiaries of a Kentucky Education Savings Plan Trust.** A beneficiary of a Kentucky Education Savings Plan Trust shall be granted residency status if the beneficiary meets the requirements of KRS 164A.330 (6).

**Section 10. Criteria Used in a Determination of Residency Status.**

(1) A determination of Kentucky domicile and residency shall be based upon verifiable circumstances or actions. A single fact shall not be paramount, and each situation shall be evaluated to identify those facts essential to the determination of domicile and residency.

(2) The following facts, although not conclusive, shall have probative value in their entirety and shall be individually weighted, appropriate to the facts and circumstances in each determination of residency:

(a) Acceptance of an offer of full-time employment or transfer to an employer in Kentucky or contiguous area while maintaining residence and domicile in Kentucky;

(b) Continuous physical presence in Kentucky while in a nonstudent status for the twelve (12) months immediately preceding the start of the academic term for which a classification of Kentucky residency is sought;

(c) 1. Filing of Kentucky resident income tax return for the calendar year preceding the date of application for a change in residency status; or

2. Payment of Kentucky withholding taxes while employed during the calendar year for which a change in classification is ought;

(3) Except as provided in subsection

(4) of this section, the following facts, because of the ease and convenience in completing them, shall have limited probative value in a determination that a person is domiciled in and is a resident of Kentucky:

(a) Kentucky automobile registration;

(b) Kentucky driver's license; and

(c) Registration as a Kentucky voter.

(4) The absence of a fact contained in subsection (3) of this section shall have significant probative value in determining that a student is not domiciled in or is not a resident of Kentucky.

(5) A person shall not be determined to be a Kentucky resident by the performance of an act which is incidental to fulfilling an educational purpose or by an act performed as a matter of convenience. Mere physical presence in Kentucky, including living with a relative or friend, shall not be sufficient evidence of domicile and residency. A person shall respond to all information requested by an institution.

#### **Section 11. Effect of a Change in Circumstances on Residency Status.**

(1) If a person becomes independent or if the residency status of a parent or parents of a dependent person changes, an institution shall reassess residency either upon a request by the student or a review initiated by the institution.

(2) Upon transfer to a Kentucky institution, a student's residency status shall be assessed by the receiving institution.

(3) A reconsideration of a determination of residency status for a dependent person shall be subject to the provisions for continuous enrollment, if applicable.

#### **Section 12. Student Responsibilities.**

(1) A student shall report under the proper residency classification which includes the following actions:

(a) Raising a question in a timely manner concerning residency classification;

(b) Making application for change of residency classification in a timely manner with the designated office or person at the institution; and

(c) Notifying the designated office or person at the institution immediately upon a change in residency.

(2) If a student fails to notify an institutional official of a change in residency, an institutional official may investigate and evaluate the student's residency status.

(3)(a) If a student fails to provide, by the date specified by the institution, information required by an institution in a determination of residency status, the student shall be notified by the institution that the review has been canceled and that a determination has been made.

(b) Notification shall be made by registered mail, return receipt requested.

(c) Notification shall be made within ten (10) calendar days after the deadline for receipt of materials has passed.

(4) A student shall not be entitled to appeal a determination of residency status if the determination made by an institution is because a student has failed to meet published deadlines for the submission of information as set forth in subsection (3) of this section. A student may request a review of a determination of residency status in a subsequent academic term.

### **Section 13. Institutional Responsibilities. Each institution shall:**

(1) Provide for an administrative appeals process that includes a residency appeals officer to consider student appeals of an initial residency determination and which shall include a provision of fourteen (14) days for the student to appeal the residency appeals officer's determination;

(2) Establish a residency review committee to consider appeals of residency determinations by the residency appeals officer. The residency review committee shall make a determination of student residency status and notify the student in writing within forty-five (45) days after receipt of the student appeal;

(3) Establish a formal hearing process as described in Section 14 of this administrative regulation; and

(4) Establish written policies and procedures for administering the responsibilities established in subsections (1), (2), and (3) of this section and that are:

(a) Approved by the institution's governing board;

(b) Made available to all students; and

(c) Filed with the council.

### **Section 14. Formal Institutional Hearing.**

(1) A student who appeals a determination of residency by a residency review committee shall be granted a formal hearing by an institution if the request is made by a student in writing within fourteen (14) calendar days after notification of a determination by a residency review committee.

(2) If a request for a formal hearing is received, an institution shall appoint a hearing officer to conduct a formal hearing. The hearing officer:

(a) Shall be a person not involved in determination of residency at an institution except for formal hearings; and

(b) Shall not be an employee in the same organizational unit as the residency appeals officer.

(3) An institution shall have written procedures for the conduct of a formal hearing that have been adopted by the board of trustees or regents, as appropriate, and that provide for:

(a) A hearing officer to make a recommendation on a residency appeal;

(b) Guarantees of due process to a student that include:

1. The right of a student to be represented by legal counsel; and

2. The right of a student to present information and to present testimony and information in support of a claim of Kentucky residency; and

(c) A recommendation to be issued by the hearing officer.

(4) An institution's formal hearing procedures shall be filed with the Council on Postsecondary Education and shall be available to a student requesting a formal hearing.

#### **Section 15. Cost of Formal Hearings.**

(1) An institution shall pay the cost for all residency determinations including the cost of a formal hearing.

(2) A student shall pay for the cost of all legal representation in support of the student's claim of residency. (17 Ky.R. 2557; eff. 4-5-91; Am. 22 Ky.R. 1656; 1988; eff. 5-16-96; 23 KY.R. 3380; 3797; 4099; eff. 6-616-97; 24 Ky.R. 2136; 2705; 25 Ky.R. 51; eff. 7-13-98; 25 Ky.R. 2177; 2577; 2827; eff. 6-7-99; 749; 1238; eff. 11-12-2002)

#### **Financial Aid**

The Financial Aid Office administers several financial aid programs including loans, scholarships, and grants, in accordance with University standards. Funds are limited and are awarded to students who demonstrate need. Financial aid is based on the principle that the primary responsibility for meeting education cost rests with the student and family. The purpose of financial aid is to help provide a professional education for students who could not attend school without such support. Therefore, parent's income may be analyzed to determine eligibility for some federal financial aid programs.

Various sources of financial aid are available to help the student finance his/her dental education. Available sources include but are not limited to:

Federal loans administered by the U.S. Dept. of Education:

- Federal Stafford Loan
- College Work Study (limited)

Federal programs administered by the U.S. Dept. of Health and Human Services

- Scholarships for Disadvantaged Students (SDS)
- Loans for Disadvantages Students (LDS)
- Health Professions Student Loans (HPSL)

American Dental Association Scholarships:

- Dental Student Scholarships
- Minority Student Scholarships

UofL Sources

- Alumni and Merit Scholarships
- Summer Research Stipends
- Burgess Loan for students from eastern Kentucky

Numerous private sources:

Students applying to dental school receive information on the types of available financial aid, application procedures, and other useful materials from the Office of Student Affairs, School of Dentistry. Accepted students received additional information.

## **Applications**

The Office of Financial Aid and Student Employment assist students in meeting their education expenses through scholarships, educational loans, and part-time employment. Any or all of these may be used in varying proportions to help meet financial needs.

Information and application forms for financial aid and information on available scholarships may be obtained from:

Office of Student Affairs  
School of Dentistry, Room 234  
University of Louisville  
Louisville, Kentucky 40292-0001  
[www.louisville.edu/financialaid](http://www.louisville.edu/financialaid)

## **Accommodations and Services**

### **Office of Student Affairs**

The Office of Student Affairs of the School of Dentistry coordinates several supportive services for students enrolled in dentistry, dental hygiene, and advanced education programs. Services include coordinating the admissions process, disseminating financial aid information and coordinating the

application, certifying loan deferment forms, and disbursing of financial aid; providing counseling, advising; and serving as a student advocate.

### **Office of the Dental School Registrar**

The dental school Registrar manages all student records and maintains student files for those enrolled in the School of Dentistry. The Registrar collects and distributes grades and provides services to students who need University records to support their applications for licensure, graduate/postgraduate training, or other positions, and coordinates tutoring services. The Registrar's office is located in the Dean's Office.

### **Housing\***

The medical-dental apartment and dormitory building, located at 627 South Preston Street, provides efficiency, one bedroom, and two bedroom apartments

### **University Tower and Medical/Dental Apartments**

2 Bedroom Apartment	\$10,128 per year
1 Bedroom Apartment	\$9,348 per year
Large Efficiency Apartment	\$8,580 per year
Small Efficiency Apartment	\$8,232 per year

Apartments are partially furnished and all utilities including local telephone service are included in the rental charge. Single and double occupancy dormitories are available to both male and female students. The building is located approximately one block south of the School of Dentistry. Because of their enrollment in the College of Arts and Sciences, Dental Hygiene students are also eligible for housing on the Belknap Campus.

For further information, housing costs, and application forms contact:

Housing and Residence Life  
Stevenson Hall  
University of Louisville  
Louisville, Kentucky 40292  
Phone: 502-852-6636  
Fax: 502-852-5427  
[www.louisville.edu/housing](http://www.louisville.edu/housing)

Refund of a housing deposit (\$50) will be made only in case of notification of the cancellation given to the University at least 30 days before a semester begins. Upon occupancy by a student, this fee will be held as a breakage and loss deposit. When the student checks out of the hall and with no charges against this deposit, it will be refunded.

All reservations are made on a yearly basis and refunds cannot be made for periods of less than one semester. Each student will be billed by the Housing Office and payments will be made to the University Bursar. This bill can be settled in the same manner as any other assessment of the University. Rental rates for housing are subject to change.

## **Health Insurance**

All students are required to carry health insurance which includes insurance for hospitalization. Students should be prepared to show proof of insurance at the time of registration for each term. If the student does not have health insurance from a private carrier, the University of Louisville is pleased to have partnered with the Chickering Group/AETNA to provide a student accident and insurance plan to meet the needs of the student body. Students are free to purchase insurance from any source so long as it meets the University's student insurance requirements. Information about these programs can be obtained from:

Office of Student Affairs or from the Student Health Service

2207 South Brook Street

Louisville, Kentucky 40292

502-852-6479

[www.louisville.edu/campushealth](http://www.louisville.edu/campushealth)

- (1) Family Practice Clinic  
Ambulatory Care Building  
University of Louisville Hospital; and
  
- (2) 2207 South Brook Street on the Belknap Campus

## **Students**

### **Organizations and Activities**

#### **American Dental Education Association**

The American Dental Education Association (ADEA) is the only organization whose primary objective is the educational process associated with dental and dental auxiliary education. Since ADEA is concerned about the environment in which the student exists and since the Council of Students (ADEA) is the only national forum in which students from all areas of dental education (predoctoral, postdoctoral, hygiene, assisting, and laboratory technology) can come together and share opinions, it is to the student's benefit to participate in significant decision making processes which will affect that environment.

Regional meetings of the Council of Students provide an opportunity to review both local and regional concerns in addition to national issues. Significant impact on the ADEA Policy Statements has originated in regional meetings.

As a member of ADEA, the student has access to the Journal of Dental Education, a monthly publication containing updates on the national issues in dental education.

#### **American Student Dental Association (ASDA)**

The School of Dentistry has an American Student Dental Association chapter which was chartered April 14, 1967. The ASDA has as one of its primary functions, the introduction of future dentists into their responsibilities in the professions. The underlying philosophy and professional status of the parent organization, the American Dental Association, carries into ASDA.

Dental students are encouraged to join the American Student Dental Association. The annual student membership fee entitles the student to receive the monthly issue of the Journal of the American Dental Association and to attend local, state, and national meetings. Student members gain free participation in the Group Life Insurance Program which is sponsored by the ADA. Certificates issued provide coverage of \$25,000 plus double indemnity for accidental death. Members of the ASDA are also eligible for the Professional Protector Plan which includes insurance coverage for student dental equipment plus professional liability. Following graduation, qualified student members are admitted to active and full membership in the American Dental Association, subject to ADA rules of membership and at a phased-in reduced dues structure.

### **American Association for Dental Research**

The American Association for Dental Research (Louisville Section) sponsors regular scientific sessions for faculty and students. The International Association for Dental Research through the American Association for Dental Research welcomes student participation and membership. Students have the opportunity to participate actively in research activities and to present their findings locally, nationally, and internationally.

### **Louisville American Student Dental Association (LASDA)**

The Louisville American Student Dental Association (LASDA) is the official student governing body of the school. The President of LASDA is the official representative of the School of Dentistry on the University Student Senate. LASDA is funded through the Student Government Association and the student activity fee.

LASDA exists to aid dental and dental auxiliary students throughout the course of their education. It sponsors numerous activities: academic, professional, and social. LASDA is composed of the executive officers and representatives from each of the classes of each of the programs of the dental school.

### **Student National Dental Association (SNDA)**

The Student National Dental Association (SNDA) is the student component to the National Dental Association. It was formed by dental students at Meharry Medical College in 1970. It currently stands as the largest minority student organization in the United States. SNDA includes more than 56 colleges and universities across the country including a University of Louisville chapter. SNDA promotes increase in minority enrollment in dental schools and encourages a viable academic and social environment conducive to the mental and professional well being of minority students. It strives to improve the delivery of dental health to all people with emphasis on minorities and the underserved. The SNDA educates and actively involves students of all races and ethnicities in the social, moral, and ethical obligations of the dental profession.

SNDA is also a community based association and works within the community with such programs as the YMCA Black Achievers impressions program and various other annual community programs which entail informing and educating children and adults about the importance of good oral hygiene. SNDA regional and national meetings are held annually to advance and refine the collective efforts of the organization.

## **Student Activities**

### **Smile Kentucky**

Students participate in this program which provides oral health screenings and treatment to children with the greatest need.

### **Orientation**

LASDA assists in preparing the orientation programs for all incoming freshman dental students and dental hygiene students. Pertinent, useful information is distributed to the students for their reference and use as they begin their course of study.

### **Research**

Areas of research emphasis include birth defects research and oral health & systemic disease.

In 2002 the school's first Bucks for Brains position, the Delta Dental of Kentucky Endowed Professor of Oral Health and Systemic Disease, was filled by internationally known researcher Denis Kinane, PhD, FDS. Active recruitment is ongoing, with the aim of bringing together a group of researchers who will contribute enormously to the success of the research group and the dental school.

The school's Birth Defects Center received an \$8.2 million COBRE grant from the NIH in 2007. The COBRE provides funding for a mentoring program that funds research of junior investigators, establishing a promising research agenda in birth defects.

Students are encouraged to participate in research activities and each year a minimum of 26 students participate in the summer research program with funding from both internal and external sources.

### **Committees**

Representatives of the School of Dentistry student body serve on the following committees:

- Admissions Committee
- Assessment & Effectiveness Committee
- Curriculum Committee
- Distinguished Teaching Awards Committee
- Health Sciences Library Committee
- School of Dentistry Council
- Search Committees for Faculty
- Student Grievance Committee
- Student Review Council

- Technology & Informatics Committee

\*Other standing and ad hoc committees as needed

### **Fraternities**

Alpha Omega, Delta Sigma Delta, and Psi Omega professional fraternities maintain active chapters in the School of Dentistry. Alpha Omega International Dental Fraternity has a chapter in Louisville.

### **Honors and Awards**

To encourage higher scholastic endeavor, leadership, and to stimulate individual study in the various disciplines, honors and awards are given to deserving students. These honors and awards are presented to the recipients at the Senior Honors Banquet and Convocation, to which students, their families, and members of the faculty are invited. First and Second Year Basic Science Awards are presented at the Fall Awards Program.

#### **Alpha Omega Award**

The Alpha Omega Award is presented to the graduating dental student who has attained the highest scholastic average during his/her four years in the School of Dentistry.

#### **American College of Dentistry Student Leadership and Professionalism Awards**

The Kentucky Section of the American College of Dentistry annually grants an award to the outstanding dental student who has most clearly demonstrated the important characteristics of professionalism and leadership. This honor, which includes an engraved plaque and a cash award, is presented during the annual meeting of the Kentucky Section of the American College of Dentistry. The student's name also is engraved on the institutional plaque, which is permanently housed in the Office of the Associate Dean for Student and Alumni Affairs.

#### **Basic Science Departmental Awards**

Each basic science department recognizes one dental student each year for outstanding academic accomplishments in its discipline. Departmental awards are presented to students during the annual Fall Awards Program, when student accomplishments during the previous academic year are recognized. Awards are given in the following areas: Anatomical Sciences and Neurobiology, Biochemistry and Molecular Biology, Microbiology & Immunology, Physiology, Oral Biology, Pharmacology and Toxicology, and Physiology and Biophysics. Each recipient receives a formal certificate of achievement from the department presenting the award.

## Clinical Disciplines

Recognition is made of graduating dental students for outstanding achievement in the following:

- Dental Radiology: American Academy of Oral and Maxillofacial Radiology
- Endodontics: American Association of Endodontics
- Oral and Maxillofacial Surgery:
  - American Association of Oral and Maxillofacial Surgery
  - American Dental Society of Anesthesiology
  - X. Elwood Sanders Oral Surgery Award
  - The International Congress of Oral Implantologists Award
  - American Academy of Oral and Maxillofacial Surgery Dental Implant Student Award
- Oral Medicine: American Academy of Oral Medicine
- Oral Pathology: American Academy of Oral Pathology
- Orthodontics: American Association of Orthodontists
- Pediatric Dentistry: American Society of Dentistry for Children
  - Dr. Robert D. Elliott Award in Pediatric Dentistry
- Periodontics: American Academy of Periodontology
  - Quintessence Book Award for Clinical Achievement in Periodontics
- Preventive Dentistry: Auxiliary of the Louisville Dental Society Award
- Prosthodontics: Dentsply International Merit Award in Removable Prosthodontics
  - Hanau Prosthodontic Award
  - L.D. Pankey Occlusion Award
- Diagnosis and General Dentistry: Organization of Teachers of Oral Diagnosis
  - Louisville Dental Society Professionalism Award
  - Quintessence Book Award for Clinical Achievement in Restorative Dentistry
  - American Academic of Orofacial Pain
  - Academy of General Dentistry-Academy of Dental Materials
  - Academy of Operative Dentistry
- Community Dentistry
  - American Academy of Dental Practice Administration
  - The American Association of Public Health Dentistry
  - The E.B. Gernert Community Service Award
- Pierre Fauchard Award
- Quintessence Book Award for Research
- American Association of Oral Biologists
- American Association of Women Dentists
- Karen Andrus Award

### **Dean's List and Dean's Scholar Recognition**

The Student Progress and Promotions Committee recommend a DMD student for placement on the "Dean's List" if the semester GPA is between 3.300 and 3.799. A student with a semester GPA of 3.800 or above is designated as a "Dean's Scholar" for that semester. (See SPPC Guidelines for details).

### **Delphi Society**

The Delphi Society was chartered in 1980 to officially recognize dental students who have shown exceptional aptitude and interest in dental basic sciences. This is an honorary group dedicated to the recognition of student achievement in biosciences and research. Students are eligible for induction after their successful completion of two full years in the dental curriculum.

### **Delta Sigma Delta**

The Delta Sigma Delta fraternity is international in scope, and the Epsilon Chapter was reactivated at UofL in 1988. Besides social activities, the chapter conducts monthly meetings featuring speakers on topics of interest to the DMD student, faculty and graduate members. Annually it recognizes academic achievement by students.

### **International College of Dentists Award**

This award is presented to the graduating dental student who has shown the greatest amount of professional growth during the undergraduate dental program.

### **National Board Scholars Award**

In 1986 the School of Dentistry initiated an award to recognize exceptional student performance on National Board Examinations. The student achieving the highest overall average on Part I and the student achieving the highest overall on Part II of the National Board examination are presented with these awards. High scores earned by the student not only demonstrate a high level of mastery of the academic disciplines, but also demonstrate much higher than average performance relative to other dental students throughout the country.

### **Omicron Delta Kappa**

This national honorary leadership fraternity of outstanding graduates elects students who are outstanding in leadership in fields of scholarship, social and religious affairs, athletics, publications, and speech, music, and dramatic arts. The Omicron Delta Kappa Award is given to the graduating student in each college of the University who, in the opinion of a committee of the faculty, best exemplifies the qualities of leadership encouraged by ODK.

### **Omicron Kappa Upsilon**

Omicron Kappa Upsilon (OKU), a national honor society, was founded in 1914 to recognize exemplary traits of character, scholarship and the potential for future professional growth. Twelve percent of the seniors are selected by OKU faculty members from students in the upper 20% in their class for induction during a special fraternity dinner in April. The recipients are also recognized during the Senior Awards ceremony in May. Because of its very rigorous selection criteria, OKU is widely recognized as one of the most prestigious awards that can be earned by a dental student.

### **Phi Kappa Phi**

This national honor society elects to membership, students from the fourth year class of all schools and colleges in the University. Selection is based on scholarship, character, personality, and service to the University. Ten percent of the graduating class may achieve the honor of such membership and are awarded honor keys.

### **Psi Omega**

The Psi Omega fraternity annually gives fraternal and scholastic achievement awards in addition to senior recognition awards.

### **Alpha Omega Scholarship Award**

This award is presented to the student with the highest grade point average at the end of the fall semester of the senior year.

**DMD**  
**2011-2012**  
**CURRICULUM SUMMARY - 1ST YEAR**

Credit Hours by Term			Courses by Category	Instructor
Summer	Fall	Spring	Biomedical Science Courses	
	3		BMSC 809 Survey of Dental Gross & Neuroanatomy	Dr. Ho
	5		BMSC 802 Histology (General & Oral)	Dr. Krimm
	6		BMSC 805 Physiology	Dr. A. Roberts
		4	DMSC 810 Head & Neck Anatomy	Dr. Ho
		5	DMSC 804 Biochemistry	Dr. Feldhoff

Credit Hours by Term			Courses by Category	Instructor
Summer	Fall	Spring	Oral Health Science Courses	
		2.5	DSPR 805 Introduction to Clinical Dentistry I	Dr. Baughman
	1		SUHD 800 Correlated Sciences	Dr. Scott
	2		SUHD 813 Oral Radiology I	Dr. Farman
		3.5	DSPR 800 DA/Occlusion & Operative Dentistry Lecture	Dr. Crim
		3	DSPR 801 Dental Anatomy & Occlusion Lab	Dr. Casada & Dr. Crim
		6	DSPR 804 Preclinical Operative Dentistry Lab I	Dr. Crim
		1	OPGD 800 Growth & Development	Dr. Hajishengallis
		1	PEDH 800 Periodontics I	Dr. Hill
		4	BMSC 806 Microbiology & Immunology	Dr. Hunt
		0.5	SUHD 817 Cariology	Dr. Staat

## 2011-2012 CURRICULUM SUMMARY - 2ND YEAR

Credit Hours by Term			Courses by Category	Instructor
Summer	Fall	Spring	Biomedical Science Courses	
		8	IDSC 821 PathoMedicine	Dr. Firriolo
		4	BMSC 807 Pharmacology & Dental Therapeutics	Dr. Hein

Credit Hours by Term			Courses by Category	Instructor
Summer	Fall	Spring	Oral Health Science Courses	
		1	SUHD 814 Oral Radiology II	Dr. Scarfe
1			DSPR 810 Physical Diagnosis	Dr. Hupp
	3		DSPR 814 Preclinical Occlusion & TMD	Dr. Esposito
	2		DSPR 815 Introduction to Indirect Restorations Lecture	Dr. Mattingly
	3		DSPR 816 Introduction to Indirect Restorations Laboratory	Dr. Mattingly
	1.5		DSPR 817 Removable Partial Dentures Lecture	Dr. Windchy
	2.5		DSPR 818 Removable Partial Dentures Lab	Dr. Windchy
		3	SUHD 802 Pain and Anxiety Control	Dr. T. Clark
		3	OPGD 815 Preclinical Ortho/Pedo Lecture & Lab	Drs. Bednar/Furnish
		3	DSPR 812 Introduction to Clinical Dentistry II	Dr. Sanders
		1	SUHD 815 Clinical Oral Radiology	Dr. Scarfe
		2	DSPR 825 Clinical Complete Dentures II Experience	Dr. Windchy
		3	DSPR 824 Preclinical Treatment Planning	Dr. Haake/Daugherty
		1	DSPR 819 Preclinical Fixed Pros Lecture I	Dr. Mattingly
		4	DSPR 820 Preclinical Fixed Pros Lab I	Dr. Mattingly
		1	DSPR 836 Removable Partial Dentures II	Dr. Windchy
	1		OPGD 801 Principles of Orthodontics I	Dr. Silveira
	1		OPGD 804 Pediatric Dentistry I	Dr. Furnish
	1		PEDH 805 Periodontics II	Dr. Virag
		2	PEDH 821 Periodontal Modular Learning	Dr. Lowy

## 2011-2012 CURRICULUM SUMMARY - 3RD YEAR

Credit Hours by Term			Courses by Category	Instructor
Summer	Fall	Spring	Biomedical Science Courses	
	2		DSPR 830 Dental Clinical Pharmacology & Oral Medicine	Dr. Firriolo
		4	SUHD 803 Oral Pathology	Dr. Bernstein

Credit Hours by Term			Courses by Category	Instructor
Summer	Fall	Spring	Oral Health Science Courses	
3			PEDH 815 Endodontics I	Dr. Caicedo
	0.5		DSPR 831 Operative Dentistry III	Dr. Crim
	1		DSPR 835 Clinical Complete Dentures III Lecture	Dr. Windchy
	1		OPGD 806 Pediatric Dentistry II	Dr. Furnish
	1		PEDH 814 Periodontics III	Dr. Moore/Dr. Vidal
	1		SUHD 805 Principles of Oral Surgery I	Dr. Alpert
	3		DSPR Principles of Esthetic Dentistry	Dr. Collins
		3	DSPR 833 Clinical Treatment Planning I	Dr. Haake
		4.5	DSPR 834 Clinical Operative Dentistry I	Dr. Casada
		2	DSPR 839 Jr. Clinical Fixed Prosthodontics	Dr. Lin
		4	DSPR 840 Clinical Patient Management I	Dr. Mayfield
	2		DSPR 823 Clinical Complete Denture I Lecture	Dr. Windchy
		1	DSPR 861 Implant Dentistry	Dr. Morton
		2	DSPR 825 Clinical Complete Dentures II Experience	Dr. Windchy
		1	PEDH 818 Jr. Clinical Endodontics	Dr. Morelli
		1	PEDH 816 Endodontics II	Dr. Morelli
		4	SUHD 807 Clinical Oral Surgery I	Dr. Kushner
		1	DSPR 832 Introduction to Practice Management	Dr. Willis
		1	DSPR 853 Advanced Concepts in Dentistry I	Dr. Abdel-Azim
		1	OPGD 805 Principles of Orthodontics II	Dr. Chandiramani
		1	OPGD 811 Concepts in Special Patient Care	Dr. Hood
		1	DSPR 849 Ethical Issues in Dentistry	Dr. V. Harris
		1	SUHD 806 Principles of Oral Surgery II	Dr. Alpert
			DSPR 845 Clinical Diagnosis	Dr. Firriolo
			OPGD 810 Clinical Pediatric Dentistry II	Dr. Furnish
			PEDH 825 Clinical Preventive Dentistry	Dr. Virag
			PEDH 824 Clinical Periodontics	Dr. Virag

## 2011-2012 CURRICULUM SUMMARY - 4TH YEAR

Credit Hours by Term			Courses by Category	Instructor
Summer	Fall	Spring	Biomedical Science Courses	

Credit Hours by Term			Courses by Category	Instructor
Summer	Fall	Spring	Oral Health Science Courses	
	4		DSPR 841 Senior Practice Management	Dr. Willis
	1		DSPR 842 Restorative Dentistry Review	Dr. McCants
	4		DSPR 848 Clinical Extramural Experience	Dr. Mayer
	1		DSPR 856 Special Topics in Clinical Dentistry	Dr. Crim
	1		PEDH 819 Advanced Periodontics	Dr. Hill
	0.5		PEDH 820 Community Service	Dr. Mayer
	2		SUHD 808 Clinical Oral Surgery II	Dr. Kushner
	1		SUHD 811 General Medicine in Dentistry	Dr. Kushner
		2	DSPR 844 Clinical Treatment Planning II	Dr. Daugherty
		3	DSPR 845 Clinical Diagnosis	Dr. Firriolo
		6	DSPR 846 Clinical Operative Dentistry II	Dr. Casada
		2	DSPR 850 Clinical Complete Denture IV Experience	Dr. Windchy
		7	DSPR 852 Senior Clinical Fixed Prosthodontics	Dr. Lin
		4	DSPR 855 Clinical Patient Management II	Dr. Mayfield
		1	OPGD 809 Clinical Orthodontics	Dr. Bednar
		5	OPGD 810 Clinical Pediatric Dentistry II	Dr. Furnish
		2	PEDH 817 Senior Clinical Endodontics	Dr. Morelli
		3	PEDH 824 Clinical Periodontics	Dr. Virag
		3	PEDH 825 Clinical Preventive Dentistry	Dr. Virag
		1	SUHD 816 Advanced Radiologic Interpretation	Dr. Farman
		1	DSPR 854 Advanced Concepts in Dentistry II	Dr. Lin

## **Academic Policies and Degree Requirements**

### **Policy on Transfer Students**

Under exceptional circumstances, highly qualified students who are attending an accredited U.S. or Canadian dental school may be considered for placement in the School of Dentistry. All such decisions will be considered contingent upon the quality of the applicant and the number of vacancies that have occurred in the present classes.

Required documentation:

1. Completed University Louisville School of Dentistry Application form
2. Residency Determination Form
3. Official transcripts from all post-secondary institutions attended (both pre-dental and dental)
4. Dental Admissions Test scores
5. National Board Dental Examination Part I scores, if taken
6. Current resume listing all undergraduate and graduate employment, research, and community service.
7. Official description of the courses completed in the curriculum of their current dental school
8. Letter from the Dean (or designate) of the current dental school that verifies that the student is in good standing, the student's GPA and Class Rank (on a yearly basis, if possible), and whether the student has ever been on academic or disciplinary probation

Pre-dental college and DAT performance must meet or exceed the minimum standards of the entering class to which the transfer candidate is applying. The candidate's credentials must also fulfill the University of Louisville School of Dentistry's admission requirements regarding undergraduate courses and credit hours. The student will be evaluated relative to his/her performance in their current dental school. The candidate must have completed, at the time of the requested transfer, a dental curriculum that is consistent with the curriculum of ULSD in content, quantity, and quality. The ULSD Office of Academic Affairs, along with appropriate course directors, will review the submitted curricula for congruency with the ULSD curriculum. If the transfer candidate fails to meet any of the previously state conditions, the Admissions Committee may elect to end the process at this point. If the Committee chooses to pursue the application, an on-site interview will be scheduled. Additional qualifying written and practical examinations may be required. The Admissions Committee will forward their recommendation to the Dean. An accepted student will be placed into a class in the regular curriculum, at a level designated by the Associate Dean for Pre-doctoral Education and approved by the involved course directors.

The transfer student must fulfill all standards of competency as defined by the University of Louisville School of Dentistry. The candidate should be aware that, due to curricular differences, he/she may be required to repeat a year and/or their anticipated graduation date may be delayed.

All application materials should be submitted directly to the Office of Student Affairs, University of Louisville, School of Dentistry, 501 South Preston Street, Louisville, KY 40202. All documentation must be received no later than January 1 of the year of desired transfer.

### **Policy on Foreign Trained Dentistry**

ULSD accepts applications from international students who meet eligibility guidelines of the School of Dentistry and the University of Louisville. Interested applicants should review all the University requirements on the International Students & Scholars website at:

<http://louisville.edu/provost/intcent/is/is.html>

#### **Academic Requirements:**

All applicants should have completed a minimum of 90 semester hours of college course work, including a minimum of 32 hours of science courses from an accredited U.S. or Canadian school. If a student is applying with credits from an international post-secondary institution, the student must submit an official transcript evaluation report in addition to the AADSAS application requirements. Those candidates will be considered on a case-by-case basis.

#### **English Language Proficiency Requirement for DMD program:**

Applicants whose native language is not English must submit official TOEFL iBT scores. Preference is given to candidates with a minimum score of 100 and with listening and speaking section scores at 26 or above.

### **Technical Standards Policies and Procedures**

The University of Louisville School of Dentistry is committed to the principle of diversity in all areas. In that spirit, the School is open for admission to all qualified individuals and complies with Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act (1993).

Dental education requires the accumulation of scientific knowledge and the acquisition of skills, professional attitudes, and professional behavior. Applicants must possess the skills and abilities that will allow them to successfully complete the course of study and receive the full benefit of the education. In the process the student is required to manage or perform treatment on the patients of the School. The School has the responsibility of ensuring the well-being of patients. This includes the completion of treatment safely and within an acceptable amount of time.

Dental school faculty have the responsibility to society to matriculate and graduate the best possible dental practitioners. To that end, a set of technical standards has been developed as minimal criteria for admission. As a part of the secondary application, each applicant must sign a statement that he/she is able to comply with the technical standards.

The School will consider for admission any applicant capable of acquiring the necessary knowledge and having the ability to perform or to learn to perform the skills specified in these standards. Candidates for the DMD degree must have aptitude, abilities, and skills in five areas: (a) motor, (b) sensing and observing, (c) communications, (d) cognitive, and (e) behavioral health. Accommodation can be made for some handicaps in these areas, but a candidate should be able to perform in a reasonably independent manner.

1. Motor Skills

Candidates must have sufficient motor function to elicit information from patients through such diagnostic procedures as palpation, auscultation, and percussion.

Candidates should be able to execute motor movements that are reasonably required to provide oral health care and emergency treatment to patients. Examples of such emergency treatment are: cardiopulmonary resuscitation, application of pressure to stop bleeding, the opening of obstructed airways, the suturing of simple wounds, and uncomplicated oral and maxillofacial surgical procedures. Such actions require coordination of both gross and fine muscular movements, equilibrium, and functional use of the sense of touch and vision.

2. Sensory/Observation Skills

Candidates must be able to perform visual and tactile dental examinations and treatment including use of visual acuity and color vision, to discern difference and variations in color, shape, and general appearance between normal and abnormal, soft and hard tissues. Use of tactile senses may be either by direct palpation or indirect through instrumentation.

3. Communication Skills

Candidates must have sufficient facility with the English language to: (a) retrieve information from texts and lectures and communicate concepts on written exams and patient charts; (b) communicate effectively with patients in order to develop a health history; identify problems presented, explain alternative solutions, and give directions during treatment and post-treatment; and (c) coordinate patient care with all members of the health care team. In any case where a candidate's ability to communicate through these sensory modalities is compromised, the candidate must demonstrate alternative means and/or ability to acquire and communicate essential information.

#### 4. Cognitive Skills

Candidates must be able to comprehend three dimensional relationships and to understand the spatial relationships of structures. Problem solving, a critical skill demanded of dentists, requires all of these intellectual abilities. Candidates must be able to perform these problem solving skills in a timely fashion.

#### 5. Behavioral

Candidates must be able to tolerate physically-taxing workloads and to function effectively under stress. Compassion, integrity, concern for others, interpersonal skills, interest, and motivation are all personal qualities that will be assessed during the admissions and educational process. Further, candidates must be able to manage apprehensive patients with a range of moods and behaviors in a tactful, congenial, personal manner so as not to alienate or antagonize them. Candidates will be expected to accept criticism and respond by appropriate modification of behavior.

### **Requests Regarding Disability**

The School may not inquire whether an applicant has a disability prior to making an admissions decision. However, an applicant may disclose during the admissions process a disability for which he or she wishes accommodation during the admissions process or after admission. If this occurs, the following steps must be taken:

- Documentation of the disability must be provided to the Director of Admissions, School of Dentistry.
- Using published criteria for admission of all applicants, the Admissions Committee must consider the applicant and the disability.
- Taking into account the accommodations that the applicant has requested or the alternative reasonable accommodations that the institution can offer, the Admissions Committee must determine whether the applicant can perform the essential functions of the educational program.

### **Guidelines for Students with Disabilities**

#### **\*Accommodations for Specific Disabilities**

The University of Louisville is committed to equal opportunity and challenge for all academically qualified students and does not discriminate on the basis of disability. Accommodations are available to encourage students with disabilities to take full advantage of the University's educational, social, and cultural opportunities.

The Disability Resource Center (Robbins Hall, 852-6938) is responsible for the coordination of programs and services for qualified applicants for admission and enrolled students with disabilities. Determination of eligibility for services and appropriate accommodations is determined by staff of the Disability Resource Center after review of documentation of disability.

As needed, DRC staff will discuss the student's request for services with the student to determine appropriate accommodations and/or consult with the faculty member or other involved office regarding the request. When there is any question about the appropriateness of the student's requested accommodation, the DRC staff member will inform the student of the decision.

Questions or concerns related to requested accommodations not resolved with individual DRC staff should first be discussed informally with the Director of DRC and then be subject to informal consultation with the Vice President for Student Affairs. Written student complaints submitted to the DRC will be addressed by the DRC in writing to the sender. Matters that remain unresolved may be formally presented by the student to the ADA Compliance Officer located in the Office of Affirmative Action by following the ADA Grievance Procedure. A complaint should be filed within 180 days after the complainant becomes aware of the alleged violation. Formal appeals include a written statement regarding the nature of the complaint, results of the informal meetings, and requested resolution. All formal appeals will be promptly investigated and a decision will be rendered within 60 working days of the date of receipt. Please contact the Office of Affirmative Action for additional information on the grievance procedure.

### **Applying for and Requesting Support Services**

Referrals- Students and potential students are referred to DRC by publications such as UofL application packets, schedules of classes and catalogs. Students are referred by community agency personnel, UofL faculty and staff and other students, high school counselors, health care professionals, family members and others. Referrals are made verbally or in writing. Referrals should be routed to the appropriate coordinator or to the Director when DRC staff have questions regarding the appropriate staff member to work with a student.

- Cathy Patus, Director: Physical, Psychological, Medical and other disabilities  
[clpatu01@gwise.louisville.edu](mailto:clpatu01@gwise.louisville.edu)
- Molly Smith, Coordinator: Deaf/Hard of Hearing [masmit01@gwise.louisville.edu](mailto:masmit01@gwise.louisville.edu)
- Kathy Pendleton: Assistant Director/Coordinator Learning Disabilities/Attention Deficit/Hyperactivity Disorder [kjpend01@gwise.louisville.edu](mailto:kjpend01@gwise.louisville.edu)
- Bobby Plienis: Program Coordinator/Services for Blind and Visually Impaired  
[bobby.plienis@louisville.edu](mailto:bobby.plienis@louisville.edu)

### **Submitting Documentation of Disability**

All students seeking assistance from DRC must disclose the presence of a disability. In most cases, the student will be asked to submit documentation of disability for review by the appropriate DRC staff person. Upon receipt and review of the documentation, an intake appointment will be scheduled. Contact the Disability Resource Center for additional information about guidelines for diagnostic criteria.

### **Intake Appointment**

After review of documentation, the appropriate coordinator will contact the student for an intake appointment. At this meeting, the student's eligibility for accommodations and anticipated needs will be discussed. Policies and procedures regarding specific accommodations, such as letters for faculty, exam accommodation, supplemental note-taking service, etc. will be discussed.

### **Requesting Specific Accommodations**

Requests for accommodations coordinated by the Disability Resource Center are made by completing a Service Request Form (available at the Disability Resource Center) and submitting the form along with a copy of class schedule to the appropriate DRC Coordinator. It is the responsibility of the student to request specific accommodations each semester via the Service Request Form. Please remember that accommodations can generally occur only after submission of appropriate documentation, review by the coordinator, determination of eligibility for specific services, and request by student for specific accommodations.

### **Timeliness of Requests**

Submission of accommodation requests for instructor letters, exam accommodation, and supplemental note-taking services should generally be submitted no later than two weeks prior to beginning of term. Some accommodations (such as interpreter service and tape textbooks) require much more notice. Please refer to policies and procedures for specific accommodations such as reader service, interpreter service, for additional information on timeliness of requests. Although DRC staff will make reasonable effort to process all requests, untimely requests may result in a delay of accommodations.

### **Academic Adjustments**

Academic requirements will be modified, as necessary, to ensure that they do not discriminate against qualified applicants or currently enrolled students with disabilities. At the student's request, DRC staff recommend academic adjustments in compliance with legal mandates. Academic requirements that are essential to programs of instruction are not considered discriminatory.

Modifications shall not affect the substance of the educational programs or compromise educational standards. Students can ask the appropriate DRC staff member to provide a memo recommending academic adjustments for each class in which the student is enrolled. Because of the diversity of individual needs relating to disabilities and the uniqueness of each class, students must discuss their requests for course modifications with their instructors each semester.

### **DRC Availability**

The staff is available to consult with students on an appointment basis, Monday through Friday, 8:30 AM to 5:00 PM. Other hours may be available. To ensure that staff is available and have adequate time to meet with you, please call and schedule an appointment.

### **Attendance Policy**

The faculty of the School of Dentistry believe that all students should participate fully in their education program. Students are expected to attend scheduled lectures, seminars, laboratory sessions and called class meetings, and to fulfill their clinical assignments and academic responsibilities. It is the experience of the faculty that only through high levels of classroom and clinical activity, may students meet the stated objectives and requirements of the program. High levels of utilization not only assist students in fulfilling requirements but more importantly assure the highest possible level of service to patients under student care.

### **Determination of Student Status**

Formal review of student progress is made each semester by the Student Progress and Promotion Committee (SPPC). Student progress is assessed according to standards defined in the Student Progress and Promotion Guidelines. The Student Progress and Promotion Guidelines are the principal standards in determining each student's status; however, extenuating circumstances are considered. Motions made by the Student Progress and Promotion Committee constitute recommendations to the Dean. The Student Progress and Promotion Guidelines are available on SharePoint and Blackboard.

### **Cumulative Grade Point Average**

Quality standards are determined by using a four (4) point grade scale, assigning four (4) points to an "A" grade, three (3) points to a "B" grade, two (2) points to a "C" grade, one (1) point to a "D" grade, and zero (0) points to an "F" grade. "P" grades, "X" grades, and "I" grades are NOT used in calculating a grade point average (GPA). All courses are assigned credit hours by the school's Curriculum Committee. Multiplying the credit hours for each course by the grade points earned in the course yields the total number of quality points earned in a course. The cumulative GPA is calculated by adding all quality points earned in the dental curriculum and dividing by the total number of graded credit hours undertaken. The academic year includes work completed in the fall semester, spring semester, and summer session. A grade earned in a repeated course does not replace the original "F" grade on the academic transcript. All grades earned in all courses are used in the calculation of a student's cumulative GPA for all purposes except advancement.

### **Promotion and Clinic Privileges**

A student will not be promoted to the D3 (junior) year until he/she has successfully completed all required courses in the first and second year curriculum.

### **Senior Clinical Examination**

Students will be required to take and successfully complete the Senior Clinical Examination to be eligible for graduation. Failure to take and successfully complete this examination and any necessary remediation will result in a review by the Student Progress and Promotion Committee.

## **National Board Dental Examination (NBDE), Parts I and II**

NBDE Part I: Each student is required to take and pass Part I to be eligible for consideration for graduation. NBDE Part I must be taken prior to academic year D3. Failure to take or pass Part I will result in sanctions that may include, but are not limited to, Academic Probation and partial or total withdrawal of patient treatment privileges and participation in clinical rotations. Four unsuccessful attempts will lead to an Academic Performance Hearing with the recommendation of dismissal from the DMD program.

NBDE Part II: Each student is required to take this examination prior to January 31 of the fourth year of the program to be eligible for consideration for graduation. Passing the National Board Dental Examinations Parts I and II is generally a requirement for dental licensure. It is the student's responsibility to familiarize themselves with the requirements of clinical licensing examinations and state dental boards.

## **Criteria for Promotion, Honors, Probation & Dismissal**

### **Promotion**

Successful academic performance is required for promotion through the dental curriculum. Students failing to meet academic requirements are eligible for remediation or dismissal, consistent with the Student Progress and Promotion Guidelines.

### **Honors**

Students are evaluated for the Dean's List and the Dean's Scholar List at the end of each Freshman and Sophomore semester, and at the conclusion of the Junior and Senior Years. The following guidelines are followed:

1. Students who have a cumulative GPA of at least 2.50 and earn a current semester GPA of 3.30 or above are placed on the Dean's List for the semester and receive a congratulatory letter from the Office of the Dean.
2. Students who have a cumulative GPA of at least 3.00 and earn a current semester GPA of 3.80 or above are placed on the Dean's Scholar List for that semester and receive a congratulatory letter from the Office of the Dean commending their exceptional level of scholarship.

### **Probation**

Students receiving an "F" grade or earning a semester or cumulative GPA below 2.000 are placed on academic probation. Student on probation are subject to the following conditions:

1. Required to show evidence of regular attendance at all assigned classes and clinics.
2. Required to attend regular remediation sessions as appropriate with their monitor or advisor.
3. Expected to remove him/herself from probationary status within one year or face an automatic dismissal hearing.

4. May be restricted by the Associate Dean for Pre-doctoral Education from serving as class officers or representatives on school committees.

### **Dismissal**

Students enrolled in the regular or decelerated curriculum whose cumulative GPA falls below minimum cumulative GPAs shown below are scheduled for a hearing which may result in dismissal.

Semester	Minimum Cumulative GPA
First year, fall semester	1.500*
First year, spring semester	1.800*
Second year, fall semester	1.900*
Second year, spring semester	2.000
Third year	2.000
Fourth year	2.000

\*Decisions on first year and on fall semester, second year students are made with consideration for a period of adjustment to professional education.

### **Performance Evaluation**

#### **Due Process for Student Hearings**

The Student Progress and Promotion Committee may call a Performance Hearing if the Committee determines a need to meet with a student to discuss important aspects of the student's academic, clinical, personal, or professional performance. The purpose of a hearing is to provide the members of the SPPC with an appropriate forum in which to meet with and discuss a student's problems. The SPPC Guidelines contain a detailed description of the Performance Evaluation Hearing.

#### **Repeat of a Class Year**

The repeat of an entire year for the purpose of overcoming academic difficulties is considered an appropriate option to recommend to the Dean when:

1. Degree of academic deficiency is judged by the SPPC to be of sufficient magnitude as to render less extensive forms of remediation inadequate.
2. A nonacademic problem arises which clearly contributes to the student's academic difficulties. In this situation the SPPC has responsibility for evaluating the probable validity and impact of the nonacademic problem(s) in the student's academic performance.

When a student is required to repeat a year, the Associate Dean for Pre-doctoral Education in concert with the SPPC and appropriate course directors will define the curriculum content for the repeated year prior to the beginning of the next academic year.

## **Grades**

### **“I” (Incomplete) Grades and “X” Grades**

An “I” grade is assigned when information necessary to permit proper evaluation of the student’s performance is insufficient. An “X” grade means that the course work has not been completed because of the nature of the course (e.g., availability of patients). The following determines the disposition of these grades:

1. A student cannot graduate with an “I” or an “X” grade.
2. An unresolved “I” grade is changed to “F” if the “I” grade is not made up by the end of the next semester.
3. All conditions associated with the removal of the “I” grade must be conveyed to the student and Associate Dean for Pre-doctoral Education in writing by the course director within ten working days after the grade has been officially recorded.

### **“F” Grades**

The “F” grade indicates failure to achieve course goals at an acceptable level. The “FL” grade carries a zero (0) grade point. The following determine the disposition of the “F” grade:

1. A student cannot graduate with an “F” grade.
2. A student is ineligible for Dean’s List or Dean’s Scholar List recognition for a semester in which an “F” grade is received.
3. The manner (procedures, schedule, completion deadlines, etc.) permitted for the remediation of an “F” grade is determined by the department in which the failure occurred, subject to the approval of the Dean.
4. A course taken at another institution to remediate an “F” grade must be approved in advance by the chair of the department in which the failure occurred.
5. A course director may not average old and new final grades in developing and reporting a new final grade for a student who is making up an “F” grade. The new grade must be based entirely upon the student’s performance in the new course.
6. A grade earned in a repeated course does not replace the original “F” grade on the academic transcript. All grades earned in all courses are used in the calculation of a student’s cumulative GPA.

### **Pass-Fail Grades**

Certain courses may use the Pass/Fail or Honors Pass/Fail systems of identifying academic success, subject to approval by the Curriculum Committee. When major courses are offered on a pass/fail basis, the SPPC may require special evidence of student achievement for review by the

SPPC during student promotions meetings. If use, the course grade will not affect the computation of the GPA.

### **Exemption from Courses**

The dental school may consider academic work done at a previous institution as a reasonable substitution for DMD program academic requirements. Students who wish exemption (in whole or in part) from a required course may petition the course director for official release from the course. The release must be acceptable to the course director, the chair of the sponsoring department, and the Associate Dean for Pre-doctoral Education. An exemption request is normally filed either in advance of the course or within the first two weeks after a course has begun. Students wishing to petition for such exemption, may do so by contacting the Associate Dean for Pre-doctoral Education.

### **Ethical Violations**

The School expects high ethical standards for all members of the dental profession. As future professionals, students should exhibit appropriate professional ethical behavior in all academic and clinical settings.

Students may be dismissed from school because of unethical conduct. A formal procedure has been established to review cases where students are accused of unethical behavior.

### **Disciplinary Probation**

Disciplinary probation is a process for addressing student misconduct and a serious warning that a student's behavior has breached the standards of the School. During the probation period, the student must demonstrate conduct that conforms to standards of conduct of the School of Dentistry as found in the Code of Professional Responsibility. Disciplinary Probation may be imposed for a specified period or indefinitely (i.e., for as long as a student is enrolled at the University of Louisville School of Dentistry). Probation may be imposed for a single instance of misconduct or for repeated minor misconduct. Any future conduct or academic integrity violation by a student on Disciplinary Probation, found to have occurred during the probationary period or violation of any conditions of the probation, may be grounds for suspension or, in especially serious instance, dismissal from the School of Dentistry. Students on probation are not considered to be in good standing at the School for the duration of the probation.

### **Suspension**

Suspension is the termination of student status and separation from the School indefinitely or for a specific period of time during which the student loses all rights and privileges normally accompanying student status. Course directors are not obligated to provide the student with any opportunity to make up assignments, examinations, or other academic or clinical activity or rotations that occur during the probation period. Suspension is imposed instances of serious misconduct.

## **Student Conduct**

The University of Louisville expects students and student organizations to conduct themselves according to generally accepted moral and social standards and to respect the rights and privileges of others. Students who enroll at the University of Louisville are subject to the rules and regulations of the University and agree to abide by them. Students must observe the policies of the University and the laws of the city, state, and federal governments as they apply to matters of personal conduct.

## **Drug Use Prohibited**

In accordance with the statutes of the Commonwealth of Kentucky, student possession, use, or distribution of hallucinogenic and/or illegal drugs will not be tolerated. Infractions will result in disciplinary action by the University and may lead to suspension or dismissal from the DMD program.

## **Student Rights**

A student who believes he/she has been treated unfairly, discriminated against, or has had his/her rights abridged may initiate a grievance in accordance with procedures described in the University's Redbook. A student should first seek to have the matter resolved through informal discussion and through administrative channels. Information about processing a grievance may be obtained from the Associate Dean for Predoctoral Education.

## **Grade Point, Class Rank, and Graduation Honors Policies**

A cumulative grade point average is calculated as an indicator of overall academic performance in the D.M.D. program and is used as a criterion for graduation requirements, for graduation honors or other academic distinctions, and for determining academic class rank in the program. Only course grades required in the D.M.D. program of study are used in the calculation of the grade point average. (see note regarding Oral Biology or other non D.M.D. courses taken while enrolled as a D.M.D. candidate).

## **Honors**

Candidates for graduation who have achieved the appropriate GPA prior to the date of graduation will have the honor designated on their diploma and receive an appropriate University recognition to be worn at the commencement ceremony. Grades earned during the terminal semester (I.E. second semester of the senior year) are not included in the determination of the candidate's GPA. Therefore, candidates who will have earned honors after the current term's grades are recorded will not have honors on their diploma, nor be recognized at the commencement ceremony, but will have honors recorded on their permanent record and final transcripts.

Students who graduate with grade point averages of at least 3.70 will be designated as follows:

*3.700 or higher	cum laude
*3.800 or higher	magna cum laude
*3.900 or higher	summa cum laude

**Note:** Oral Biology or other non D.M.D. courses

Any courses taken during the student's enrollment in the Oral Biology Masters program or other non D.M.D. required course for which credit has been granted will be included in a separate GPA. Grades earned in any Master/PhD program will not be included in the calculation of the grade point averages of the D.M.D. program. Credit hours earned in non D.M.D. required courses will not be included in the total hours needed for graduation in the D.M.D. program.

### **Degree Requirements**

#### **Graduation**

Students must complete all required courses and must have a minimum cumulative GPA of 2.00 to be eligible for graduation.

### **National Board Dental Examination (NBDE), Parts I and II**

- A. National Board Dental Examination Part I: Each student is required to take and pass Part I to be eligible for consideration for graduation. NBDE Part I must be taken prior to academic year D3. Failure to take or pass Part I will result in sanctions that may include, but are not limited to, Academic Probation and partial or total withdrawal of patient treatment privileges and participation in clinical rotations. Four unsuccessful attempts will lead to an Academic Performance Hearing with the recommendation of dismissal from the DMD program.
- B. National Board Dental Examination Part II: Each student is required to take this examination prior to January 31 of the fourth year of the program to be eligible for consideration for graduation. Passing the National Board Dental Examinations Parts I and II is generally a requirement for dental licensure. It is the student's responsibility to familiarize themselves with the requirements of clinical licensing examinations and state dental boards.

Conferring degrees and certificates by the University of Louisville is contingent upon timely completion of all academic requirements as judged by the Dean, Program Director and dental school faculty. Awarding of degrees occurs only by approval of the faculty and does not occur merely through participation in Commencement programs.

## **Degree Candidacy**

A candidate for the degree of Doctor of Dental Medicine must have fulfilled the following requirements:

1. Satisfactory completion of all required courses.
2. Fulfillment of faculty expectations of moral and professional fitness.
3. Residency in the University of Louisville School of Dentistry during the last year of instruction.
4. Approval by the School of Dentistry Faculty Assembly.
5. Discharge of all financial obligations to the University.
6. Filing of an application for degree during the year in which the student expects to graduate.

The degree of Doctor of Dental Medicine does not entitle holders to practice dentistry until they have satisfied the requirements of the State Board of Dental Examiners in the state in which they intend to practice. Graduates of the University of Louisville School of Dentistry are eligible to participate in the licensing examinations applicable in all states.

## **DMD and DDS Degrees**

The University of Louisville School of Dentistry confers the DMD degree upon its graduates. The degree was changed in 1938 from the Doctor of Dental Surgery to Doctor of Dental Medicine because the faculty believed the phrase “dental medicine” was more appropriate and accurate than “dental surgery” in describing the modern concept of dentistry. There is no essential difference in curricula of dental schools which grant DDS and DMD degrees, and the dental profession, the state licensing boards, and the National Board of Dental Examiners recognize no distinction between the two degrees.

## **Accreditation**

The DMD, Dental Hygiene, and all post-graduate degree programs of the University of Louisville School of Dentistry are fully accredited by the Commission on Dental Accreditation of the American Dental Association.

## **Additional Academic Policies and Programs**

### **Privacy of Student Records**

The University of Louisville hereby notifies students concerning the Family Educational Rights and Privacy Act of 1974. This Act, with which the institution intends to comply fully, was designed to protect the privacy of education records, to establish the right of students to inspect and review their education records, and to provide guidelines for the correction of inaccurate or misleading information. Students also have the right to file complaints with The Family Educational Rights and Privacy Act Office of the Department of Education concerning alleged failures by the institution to comply with the Act.

The University has adopted a policy which explains in detail the procedures to be used by the University for compliance with the provisions of the Act and the regulations adopted pursuant thereto. Copies of the policy can be obtained from the University Archives and Records Center, Ekstrom Library. Questions concerning the Family Educational Rights and Privacy Act may be referred to the Director, University Archives and Records Center.

### **Selective Courses**

The dental curriculum provides dental students with several opportunities to take selectives. The largest of these course groupings, the Senior Selectives Series, is available to fourth year students. The fourth year of the DMD curriculum is designed to encourage seniors to continue academic studies in areas of specific interest to them and which allow them to meet personal career objectives. During the prior three years, students may participate in selective as their schedules permit. In addition to the selective courses sponsored by the School of Dentistry, students may also enroll in courses sponsored by other colleges with the University. Students may also participate in programs and courses offered by other education organizations, including dental schools, residency programs and hospital departments. Participation is contingent upon approval for leave from the University of Louisville.

### **Advanced Standing**

Students entering the DMD program with exceptionally strong academic backgrounds may achieve advanced standing in the program. Advanced standing is generally assigned at the time of admission and is based on the professional judgments of the teaching faculty in the program of study.

### **Decelerated Program**

a decelerated program is available in which the curriculum of the first two years is completed over a three-year period. This program reduces the academic load for students who must work part time, nontraditional students who may require additional study time, or students pursuing a combined degree program. This program may be required as a condition of acceptance by the Admissions Committee. The program may also be mandated by the Student Progress and Promotion Committee for enrolled students who have substantial academic difficulty in first or second year curricula.

### **Dual Degree Programs for Dental Students**

The dental school participates in two types of dual degree programs:

#### **BS/DMD**

The BS/DMD program is offered for students who enter the school before completing all baccalaureate degree requirements and wish to receive both BS and DMD degrees. A student may request that the dental school notify his/her undergraduate college of satisfactory completion of the first year of studies. If the undergraduate college decides to accept the year's work for academic credit, it considers such work as completing degree requirements, and the BS

degree is conferred. This program permits exceptional students to earn BS and DMD degrees in six or seven years instead of in the customary eight.

### **DMD/MS**

The DMD/MS program enables dental students to work toward the completion of Master's degree requirements while attending dental school. Typically such students seek an MS in Oral Biology or one of the biological sciences, but other degree programs also qualify, e.g., students attend graduate courses in the evening, during summer sessions, and as part of the selective series. The MS is awarded by the University of Louisville's Graduate School. This program enables exceptional students to complete DMD and MS degrees during the four-year period. Some students may wish to take the MS program before entering the DMD program. In this instance, the students' graduate courses may permit them to be exempted from selected dental school courses.

## **Advanced Education and other Educational Programs**

### **Residencies and Postgraduate Programs**

The School of Dentistry offers postgraduate programs in a variety of general and specialty areas. Each program begins on July 1. Additional details for these programs are given below.

All programs are fully accredited by the Commission on Dental Education of the American Dental Association.

### **Endodontics**

The Department of Periodontics, Endodontics, and Dental Hygiene offers a twenty-four month certificate program in Graduate Endodontics designed to fulfill the educational requirements to qualify for the American Board of Endodontics. The goal of this program is to develop skillful clinicians for the practice of Endodontics. The didactic portion of the curriculum explores in depth the biomedical sciences upon which modern clinical endodontics is based. Instruction in pharmacology, oral biology, immunology, microbiology, microcirculation, anatomy, and pathology is part of the basic science curriculum offered.

Interested students may also arrange to earn a Master of Science in Oral Biology degree granted by the Graduate School. The Master of Science degree requirements include courses in advanced oral biology, data analysis, participation in seminars, and a thesis. Other course work may be required as individualized programs are developed by the faculty of Periodontics, Endodontics, and Dental Hygiene to meet the specific needs of each student.

The program begins July 1 of each year and charges a yearly fee. Additional information may be obtained from:

Director, Postgraduate Program in Endodontics  
Department of Oral Health and Rehabilitation  
School of Dentistry, University of Louisville  
Louisville, Kentucky 40292

### **General Practice Residency**

The University of Louisville School of Dentistry offers a General Practice Residency program of one year duration beginning July 1 of each year. Up to five residents are selected each year.

The General Practice Residency is a combination program using facilities of both the University Health Sciences Center and the Veterans Administration Medical Center. Its purpose is to train graduate dentists in all aspects of general dentistry as practice in office and hospital.

Management and treatment of the medically compromised patient is another aspect of the

residency. The program is approved by the Commission on Dental Education of the American Dental Association and is a certificate program.

Information on stipends and other benefits are available on request. Interested applicants may obtain further information and application forms from:

Director, General Practice Residency Program  
Department of Surgical and Hospital Dentistry  
School of Dentistry, University of Louisville  
Louisville, Kentucky 40292

### **Oral and Maxillofacial Surgery Residency**

The oral and maxillofacial surgery advanced education program at the University of Louisville offers a residency program beginning July 1 and extending through seventy-two calendar months. This six-year program, in conjunction with the University of Louisville School of Medicine, combines a residency in oral and maxillofacial surgery with a medical degree and the postgraduate medical training needed for medical licensure. Two residents are selected each year. This program is approved by the Commission on Dental Education of the American Dental Association and is a certificate/degree program. A stipend is awarded to each resident on the basis of the years of experience. Interested applicants may obtain further information and application forms from:

Director, Advanced Education Program in Oral and Maxillofacial Surgery  
Departments of Surgical and Hospital Dentistry  
School of Dentistry, University of Louisville  
Louisville, Kentucky 40292

### **Orthodontics**

The University of Louisville offers a residency program in Orthodontics beginning July 1 of each year and extending through 24 calendar months. The program is fully accredited by the Commission of Dental Accreditation of the American Dental Association and fulfills the requirements of the American Board of Orthodontics. The program charges a yearly fee. It consists of formal instruction in all the areas recommended by the American Association of Orthodontics. It also includes completion of a formal research project, conducted under supervision of the departmental faculty. A limited teaching experience is an integral part of the program. It consists of both clinical and didactic instruction at graduate and undergraduate levels. For detailed information and application forms, contact:

Director, Postgraduate Program in Orthodontics  
Department of Orthodontic, Pediatric Dentistry and Special Care

School of Dentistry, University of Louisville  
Louisville, Kentucky 40292

The deadline for the Orthodontic program is October 1.

### **Pediatric Dentistry Residency**

The Department of Orthodontics and Pediatric Dentistry offers a twenty-four (24) month Certificate program and/or a thirty-six (36) month Certificate/Masters Degree program in graduate pediatric dentistry beginning July 1 of each year. The program is accredited by the Commission on Dental Education of the American Dental Association and is designed to prepare students for board certification by the American Board of Pediatric Dentistry. The program provides didactic and clinical training leading to a certificate as a specialist in pediatric dentistry (24 months) and an optional master's degree in oral biology (36 months). For detailed information and application forms, contact:

Director, Postgraduate Program in Pediatric Dentistry  
Department of Orthodontic, Pediatric Dentistry & Special Care  
School of Dentistry, University of Louisville  
Louisville, Kentucky 40292

The deadline for application to the Pediatric Dentistry program is October 1.

### **Periodontics Residency**

The Department of Periodontics, Endodontics and Dental Hygiene offers a 36 month program in Graduate Periodontics beginning July 1 of each year. The program is accredited by the Commission on Dental Education of the American Dental Association and is designed to meet the educational requirements of the American Board of Periodontology. The goal of the program is to develop skillful clinicians with training in either clinical or basic science research. In addition to clinical requirements, all students must complete research at the Master's level under the supervision of department faculty. A certificate in periodontics and an MS in Oral Biology are awarded upon completion of the program. Interested applicants should contact:

Director, Graduate Periodontics  
Department of Oral Health & Rehabilitation  
School of Dentistry, University of Louisville  
Louisville, Kentucky 40292

### **Additional School of Dentistry Educational Opportunities Master's Degree Program in Oral Biology**

In addition to the postgraduate programs, the school conducts a Master's degree program in oral biology. The degree is awarded by the Graduate School. Various departments provide graduate level courses in the School of Dentistry. This program is directed toward a general understanding of the biology of dental science. Students obtain detailed knowledge and necessary skills required to perform biologic research. Course offerings include a variety of areas of investigation including microbiology, skeletal metabolism, mineral homeostasis, endocrinology and secretory mechanisms.

A minimum of thirty graduate level semester hours is needed for the MS degree. Requirements include courses in introductory and advanced oral biology and data analysis; preparation entails participation in seminars and a thesis. Other course work may be required as individualized programs are developed by students working through their major professors and graduate committees. The graduate committee also serves to approve proposed thesis research, to review the thesis for acceptance, and to administer a final oral examination.

The MS in Oral Biology offers training important to students pursuing an academic career, particularly in dentistry. A dual degree program is available only to students wishing to obtain the MS in addition to their dental degree. The program is also open to postdoctoral students in clinical certificate programs.

Interested persons may obtain further information and application materials from:

Director, Oral Biology Graduate Program  
School of Dentistry, University of Louisville  
Louisville, Kentucky 40292

### **Additional School of Dentistry Educational Opportunities Program**

#### **Dental Hygiene Program**

A four-year program leading to a Bachelor of Science-Dental Hygiene degree. Information on this program can be found in the University of Louisville Undergraduate Bulletin.

#### **Continuing Education**

Today's dental health professionals must possess a high level of knowledge and skills that will enable them to provide quality dental care for the patients they serve. To manage the explosion of available information and to maintain currency of knowledge, lifelong learning such as Continuing Education is an absolute necessity.

The Continuing Education program of the University of Louisville School of Dentistry offers a broad range of programs covering most of the disciplines in dentistry. The courses are presented in lecture format, as multi-media presentations, and as participation courses in our state-of-the-art Simulation Clinic and Laboratories. These facilities, built at a cost of over \$1,500,000, attract visitors from dental schools across the country who are planning modernization of similar areas in their own institutions.

ULSD CE course presenters include faculty, invited speakers from other schools, and principal clinicians from the American Dental Association, Hinman, and other national meetings. The annual ULSD Alumni Day program features dentistry's most popular and highly recognized speakers and attracts 500-600 participants as well as approximately 50 exhibitors/sponsors.

ULSD CE is an American Dental Association CERP (Continuing Education Recognition Program) provider. CERP was created by the ADA to assist its members, the recognized specialty organizations, the American Association of Dental Schools, the American Association of Dental Examiners, and the broad-based dental profession in identifying and participating in quality continuing education. It is also a goal of the ADA CERP to assist dental regulatory agencies to establish a sound basis for increasing their uniform acceptance of CE credits earned by dentists to meet the CE licensing requirements currently mandated by the majority of licensing jurisdictions.

#### **Programs in Dentistry Department Abbreviations**

BMSC	Basic Medical Science
DHED	Dental Hygiene Education
DSPR	General Dentistry & Oral Medicine
IDSC	Interdisciplinary Studies
MCCB	Molecular, Cellular and Craniofacial Biology
OPGD	Orthodontic, Pediatric Dentistry and Special Care
PEDH	Oral Health & Rehabilitation
SUHD	Surgical and Hospital Dentistry

## **Departments of Instruction**

### **Clinical Sciences**

#### **Department of General Dentistry and Oral Medicine**

The faculty in this department are committed to supporting the mission of the university and the school through teaching, research, service and patient care. Our primary mission is to provide high quality didactic, pre-clinical and clinical instruction that is contemporary and evidence-based.

#### **Molecular, Cellular and Craniofacial Biology**

This department conducts fundamental and applied research on cellular and molecular aspects of embryonic development and acquired congenital malformations, as well as protein expression and trafficking. It is also home to the University of Louisville Birth Defects Center.

#### **Department of Orthodontic, Pediatric Dentistry, and Special Care**

Through research and clinical education programs in pediatric dentistry, orthodontics and geriatrics, this department strives to advance the understanding of the causes, mechanisms, treatment and prevention of malocclusions and other oral diseases as well as improve the oral health care of children, adolescents and adults in Kentucky.

#### **Department of Oral Health and Rehabilitation**

The Periodontics section is responsible for teaching DMD students and also conducts a specialty training program. The Endodontics section also is responsible for DMD teaching, and a specialty training program. The Dental Hygiene section trains dental hygienists in a Bachelor's degree program. The Oral Health and Systemic Disease research group is dedicated to basic science and translational research, primarily studying the local and oral effects of bacteria and their influence on systemic health.

#### **Department of Surgical and Hospital Dentistry**

The Department of Surgical and Hospital Dentistry is comprised of seven areas of specialization: oral and maxillofacial surgery; oral and maxillofacial pathology; oral and maxillofacial radiology; sterilizer monitoring program; hospital dentistry; overseas dentistry and zoo dentistry.

It is also home to two training programs: oral and maxillofacial surgery and general practice residency.

The departments of instruction are listed alphabetically and indicate the faculty who have primary teaching responsibility in the dental curriculum. Subject areas are presented in courses which have the following prefixes:

BMSC – Basic Medical Science

DSPR –General Dentistry & Oral Medicine

IDSC – Interdisciplinary Studies

MCCB – Molecular, Cellular, and Craniofacial Biology

OPGD – Orthodontic, Pediatric Dentistry and Special Care

PEDH – Oral Health and Rehabilitation

SUHD – Surgical and Hospital Dentistry

DHED – Dental Hygiene Education

### **Basic Sciences Departments**

A major portion of the basic science curriculum is provided to the DMD Program by faculty based in departments administered by the School of Medicine. The chairs of these departments report to the Office of the Dean of the School of Medicine. The Biological Sciences portion of the curriculum is governed by the School of Dentistry's Curriculum Committee.

Program coordination is assured by the Associate Dean for Pre-doctoral Education. Additional basic science course work is provided by the faculty from other departments in the School of Dentistry.

## **Basic Science Departments & Courses**

### **Department of Anatomical Sciences and Neurobiology**

#### **BMSC 802 Histology-5 credit hours**

The initial portion of the course emphasizes knowledge of the microscopic structure, including ultrastructure, of basic tissues and their organization into organ systems. This is followed by a study of the organs and systems of the body. The remainder of the course deals with a detailed study of the development and histology of structures of oral cavity.

#### **BMSC 809 Survey of Gross and Neuroanatomy-3 credit hours**

A course of dissection of the human body with special emphasis on head and neck anatomy including lectures, labs and clinical correlations to relate the details of head and neck anatomy to clinical dentistry. This course also includes neuroanatomy primarily of the cranial nerves and major ascending and descending pathways.

#### **BMSC 810 Head and Neck Anatomy-4 credit hours**

A course of dissection of the human body with special emphasis on head and neck anatomy including lectures, labs and clinical correlations to relate the details of head and neck anatomy to clinical dentistry. This course also includes neuroanatomy primarily of the cranial nerves and major ascending and descending pathways.

### **Department of Biochemistry and Molecular Biology**

#### **BMSC 804 Biochemistry-5 credit hours**

Covers the fundamentals of biochemistry and molecular biology with special emphasis given to areas applicable to dentistry. Topics include cell biology, chemical principles of biological systems and the structure, function and metabolism of amino acids, proteins, carbohydrates, lipids and nucleic acids. Clinical correlates include sickle cell anemia and hemoglobinopathies, blood clotting disorders, collagen diseases, diabetes, nutritional disorders, diseases of amino acid and lipid metabolism, molecular basis of genetic diseases.

### **Department of Microbiology and Immunology**

#### **BMSC 806 Microbiology-4 credit hours**

A general course in infectious diseases. Special emphases are placed on oral infections, immune phenomena, and natural resistance mechanisms. Specific topics include the human immune response, pathogenesis of microbial infections, molecular and microbiological basis of periodontal diseases, pulp and periapical infections and cariogenesis.

## **Department of Pharmacology and Toxicology**

### **BMSC 807 Pharmacology and Dental Therapeutics – 4 credit hours**

Course covering overall, important principles in the actions of drugs. Although emphasis is given to drugs used by the dentist, study is extended to all major groups of drugs to give students a more general appreciation of the role of drugs in dental practice. Clinical correlations between pharmacology and clinical practice are made periodically throughout the course.

## **Department of Physiology and Biophysics**

### **BMSC 805 Physiology-6 credit hours**

This course provides an in depth view of the fundamental principles concerning function of the circulatory, respiratory, kidney, endocrine, gastrointestinal, muscle, and central nervous systems. Emphasis is placed on physiologic mechanisms for feedback control of function in humans. Overall, this course offers a strong physiology background as a science basis for clinical dentistry. It will consist of didactic lectures and readings from the course lecture notes. All dental students will take this course on a letter grade basis.

## **School of Dentistry Departments and Courses**

### **Department of General Dentistry and Oral Medicine**

#### **DSPR 800 Dental Anatomy and Pre-clinical Operative Dentistry Lecture-3.5 credit hours**

Dental Anatomy and Pre-clinical Operative Dentistry is a preclinical course offered by the Department of Diagnostic Sciences, Prosthodontics and Restorative Dentistry to 1<sup>st</sup> year dental students. It is comprised of a lecture series designed to familiarize 1<sup>st</sup> year students with the general anatomical characteristics of the human oral cavity. External and internal crown and root morphology of both permanent and primary dentitions is presented in detail. Emphasis is placed on the prevention of periodontal disease and dental caries based on external crown form and function of occluding tooth surfaces. Dental Anatomy provides the student with the basic didactic information prerequisite for those advanced preclinical courses which follow in Restorative Dentistry. The study of the physical properties, manipulation, and chemistry of the dental materials utilized in Operative Dentistry.

#### **DSPR 801 Dental Anatomy and Occlusion Laboratory-3credit hours**

The laboratory component of Dental Anatomy and Occlusion is a preclinical course offered by the Department of Diagnostic Sciences, Prosthodontics and Restorative Dentistry to 1<sup>st</sup> year dental students. Technical skills utilizing dental wax to recreate anatomical crown morphology and function are developed.

#### **DSPR 804 Preclinical Operative Dentistry Laboratory-6 credit hours**

Laboratory series that is designed to introduce the first year student to the basic theory and techniques used in Operative Dentistry. Emphasis is placed on preservation of tooth structure from further destruction by dental disease. Technical skills used in the placement of composite resin and amalgam restorations are developed.

#### **DSPR 805 Introduction to Clinical Dentistry I-2.5 credit hours**

Introduction to Clinical Dentistry I (ICD I) is a team taught course designed to introduce first year students to the dental profession and the ULSD clinical system. The course serves as an introduction to dentistry with respect to risk management, ethics, competency, oral health care and prevention.

#### **DSPR 810 Physical Diagnosis-1 credit hour**

Introductory course to teach clinical patient evaluation. Emphasis is on obtaining a medical history, reviewing normal structures, vital signs & supplementary data for working diagnoses.

#### **DSPR 812 Introduction to Clinical Dentistry II-3 credit hours**

This course serves to introduce the DMD student to the School's clinical system through a series of lectures, assisting upperclassmen and patient workup and treatment. Initial patient assignment allows the student, under careful supervision, to learn the clinical system and patient management.

**DSPR 814 Preclinical Occlusion and Temporomandibular Disorders-3 credit hours**

This course is designed to present the terminology and basic concepts in occlusion, mandibular movement, and TMJ disorders. Emphasis is on the etiology, examination, diagnosis, and treatment of occlusal abnormalities, temporomandibular joint disturbances, and neuromuscular dysfunction. Clinical experience in these areas is included.

**DSPR 815 Introduction to Indirect Restorations Lecture-2 credit hours**

**DSPR 816 Introduction to Indirect Restorations Lab-3 credit hours**

This lecture and laboratory series for sophomore students introduces basic theories, materials, and techniques used in fabricating cast restorations. Technical skills used in the construction of onlays and full crowns are developed.

**DSPR 817 Removable Partial Dentures Lecture -1.5 credit hours**

This initial lecture series includes instruction in basic principles of removable partial denture design, diagnostic cast analysis, surveying, nomenclature and mouth preparation.

**DSPR 818 Removable Partial Dentures Laboratory-2.5 credit hours**

Seminars and laboratory supervision are offered so the student will learn how to apply those principles and techniques presented concurrently in the lecture series.

**DSPR 819 Preclinical Fixed Prosthodontics Lecture-1 credit hour**

**DSPR 820 Preclinical Fixed Prosthodontics Lab-4 credit hours**

Designed to introduce the student to basic crown and fixed partial denture theory, principles, and techniques. In addition to the basic laboratory procedures, the lecture series includes clinical application of various procedures in preparation for the clinic experience. Standard types of tooth preparation for anterior, posterior and non-vital teeth are practiced. Study of physical properties of dental materials utilized in construction of fixed partial dentures is included. Emphasis is placed on the restoration of function and the prevention of both initiation and recurrence of dental disease.

**DSPR 825 Clinical Complete Dentures II Experience-2 credit hours**

During this course, the introduction of the theories of complete denture construction are taught.

**DSPR 824 Preclinical Treatment Planning – 3 credit hours**

A course designed to provide a foundation for problem solving. Advanced cases are discussed in lecture, workshop, and case presentation format. Techniques of patient management and case presentation, as related to prosthetic dentistry, are discussed.

**DSPR 830 Dental Clinical Pharmacology & Oral Medicine-2 credit hours**

The course presents material relative to the selection of medications and diseases that are relative in clinical dentistry. Behavioral problems encountered in dental medicine are discussed. Patient management is emphasized.

**DSPR 831 Operative Dentistry III-0.5 credit hour**

Lecture series correlated with clinical experience obtained in the junior year. Basic operative procedures are related to clinical treatment of patients. Clinical variations of basic operative procedures and advanced techniques are introduced. Literature in dental materials and operative dentistry are reviewed.

**DSPR 832 Introduction to Practice Management-1 credit hour**

Practice Management material is presented to include those topic areas relevant to the student's extramural rotation and eventual private practice.

**DSPR 833 Clinical Treatment Planning I-3 credit hours**

Prerequisite: DSPR 824. Synthesis of treatment plans applicable to direct patient care with emphasis on collation of all pertinent facts. Patient management and case presentation techniques are incorporated into the course design.

**DSPR 834 Clinical Operative Dentistry I-4.5 credit hours****DSPR 846 Clinical Operative Dentistry II-6 credit hours**

Experience in the operative dentistry clinic during the junior and senior year enabling the student to obtain clinical experience in providing operative dentistry treatment for clinical patients. Basic procedures mastered in the preclinical laboratory are practiced in a clinical environment. As students progress, clinical variations are introduced and more advanced operative procedures are mastered.

**DSPR 823 Clinical Complete Denture I Lecture-2 credit hours****DSPR 825 Clinical Complete Dentures II Experience-2 credit hours****DSPR 835 Clinical Complete Dentures III Lecture-1 credit hour**

Material will be presented that will enable the student to do repairs, relines, immediate dentures, and overlay dentures. Pre-prosthetic preparation of the edentulous or soon to be edentulous patient will also be presented. This material will enable the student to provide routine prosthodontic treatment for his/her patients as early in the dental curriculum as is practical.

**DSPR 836 Removable Partial Dentures II-1 credit hour**

This removable partial dentures lecture series is correlated with the Junior year clinical experience. Basic removable partial denture procedures related to the clinical treatment of patients are discussed, as well as variations and advanced techniques. Diagnosis and treatment planning for removable partial dentures is emphasized.

**DSPR 850 Clinical Complete Dentures IV Experience-2 credit hours**

Emphasizes the clinical practice of complete denture prosthodontics, especially as it pertains to patient management and the relationship of the dentist to the dental laboratory.

**DSPR 839 Junior Clinical Fixed Prosthodontics-2 credit hours**

**DSPR 852 Senior Clinical Fixed Prosthodontics -7 credit hours**

Experience in the fixed partial denture clinic during the junior and senior years enabling students to obtain clinical experience in replacing lost tooth structure and missing teeth with cast gold restorations and cast gold fixed partial dentures. Basic procedures mastered in the preclinical laboratory are practiced in a clinical environment. As students progress, clinical variations are introduced and more advanced procedures in fixed partial dentures are mastered, such as the use of ceramometal crowns, fixed ceramometal partial dentures, and porcelain veneer restorations.

**DSPR 840 Clinical Patient Management I-4credit hours**

**DSPR 855 Clinical Patient Management II-4 credit hours**

This course will consist of the aspects of a student's skills, behavior, and knowledge that are separate from clinical technical skills. Those elements include clinic utilization, patient management, professionalism, case presentation, personal interaction, self assessment and case presentation activities.

**DSPR 841 Senior Practice Management-4 credit hours**

The goal of this course is to present and discuss specific topics in the management of a dental practice. Students are expected to draw on examples and experiences encountered while on extramural rotation.

**DSPR 842 Restorative Dentistry Review-1 credit hour**

Lecture series correlated with clinical experience a student obtains in the senior year. The most current concepts in Restorative Dentistry are reviewed, and the lectures and discussion periods are designed to prepare the student for the National Board examination in Operative Dentistry.

**DSPR 844 Clinical Treatment Planning II-2 credit hours**

Synthesis of treatment modalities for direct patient care with emphasis on collation of all pertinent facts. Patient management and case presentation techniques are utilized in a primary care setting.

**DSPR 845 Clinical Diagnosis-3 credit hours**

Prerequisite: Oral Diagnosis/Oral Medicine and Oral Pathology

Student exposure to admission of dental patients. Treatment of dental emergencies to evaluate the medical history and oral examination of patients, and follow-up any particular oral problem or any systemic disease. Experience is spread over a two year period. Students are expected to manage their own patients. Oncology tutorials and Tumor Board are included. A proficiency examination is given in the second semester of the fourth year.

**DSPR 848 Clinical Extramural Experience 4-6 credit hours**

Students complete a six week experience in dental sites throughout the Commonwealth of Kentucky and in other states. A variety of possible sites includes rural and urban private practices, public and private clinics, hospital settings, prisons, and Indian reservations. Besides

performing clinical work, students are expected to describe practice management concepts and systems and to investigate the interrelationships of the health care system with the community.

**DSPR 849 Ethical Issues in Dentistry-1 credit hour**

**DSPR 851 Clinical Removable Partial Dentures-3 credit hours**

Expands upon the involvement of students in the treatment of partially edentulous patients in need of removable restorations.

**DSPR 853 Advanced Concepts in Dentistry I-1credit hour**

Part I is given in the Spring term of the junior year and is a lecture series by the faculty designed to give Senior students additional information on new techniques and materials not taught in the curriculum.

**DSPR 854 Advanced Concepts in Dentistry II-1 credit hour**

Part II is given in the Fall term of the senior year. This course is a continuation of Part I with the addition of preparation for State and Regional clinical board examinations.

**DSPR 856 Special Topics in Clinical Dentistry-1 credit hour**

This is a multi-disciplinary series of lectures designed to update and review the most current information in clinical pharmacology, prosthodontics, and related dental materials. The objective of the course is to prepare the student to successfully integrate these subject areas into their private practice experience.

**DSPR 861 Implant Dentistry-1 credit hour**

**DSPR 876 Principles of Esthetic Dentistry-3 credit hours**

## **Molecular, Cellular and Craniofacial Biology**

*Biological Sciences courses are taught by faculty of the Department of Molecular, Cellular and Craniofacial Biology. These courses are designed primarily for graduate students and other advanced level programs.*

**OBIO 501 Biomedical Data Analysis: Experimental Design and Statistics-3 credit hours**

This course is designed for graduate and professional students in health sciences who require a working knowledge of the experimental design and statistical methods most often utilized in the biomedical sciences. The focus is upon the initial evaluation of scientific literature, the formulation of research protocols, and the interpretation of data. Special attention is given to those areas of data interpretation most common in the health sciences.

**OBIO 600 Concepts in Oral Immunology-2 credit hours**

Prerequisite: Consent of course director

A multidisciplinary presentation of the biology of the oral cavity, integrating relevant aspects of basic and clinical sciences. Examples of areas covered include: skeletal metabolism, mineral homeostasis (bone healing, periodontal disease); secretory immune defense mechanisms, oral microbial ecology (odontopathic disease); and neuromuscular and neurosensory physiology (pain control).

**OBIO 601 Introduction to Oral Biology Research-2 credit hours**

Prerequisite: Acceptance to the degree program or consent of course director

Introduction to modern research methodology in oral biology. Designed to acquaint the student with a broad spectrum of experimental techniques and concepts which will help prepare for successful design or a research project. Major emphasis is placed on research design, research methodology, critical evaluation of basic research literature, and scientific writing.

**OBIO 602 Bone and Calcium Physiology-3 credit hours**

Prerequisite: Consent of instructor

Contemporary concepts and literature in bone and calcium physiology. Lectures and student-led discussions.

**OBIO 604 Oral Microbiology-3 credit hours**

Prerequisite: OBIO 601 or professional school courses in microbiology and biochemistry.

An in-depth study of the microbiota and host defense mechanisms with an emphasis on the ecology, nutrition, and biochemistry of the indigenous bacteria.

**OBIO 606 Seminar in Oral Biology-1 credit hour**

Student, staff, and guest presentations of current topics in the scientific method, dental science, and oral biology.

**OBIO 610 Advanced Topics in Oral Biology-1-4 credit hours**

Prerequisite: OBIO 600 or consent of instructor

Selected areas will be investigated in depth, using one or more of the variety of formats, including lectures, seminars, tutorials, and research projects.

**OBIO 611 Craniofacial Osteology –1-3 credit hours**

Prerequisites: OPGD 801 and OPGD 805 or equivalents

This course explores the hard tissue inter-relationships of the craniofacial complex. It includes the mechanical properties, origins and maturation of facial bones. The course complements the cephalometric course and is designed to link clinical applications to anatomic locations.

**OBIO 612 Craniomaxillofacial Diagnostic Imaging-2-4 credit hours**

Prerequisites: One of the following: 1) Admission to the MS Oral Biology program; 2) a DDS, DMD or MD degree or its foreign equivalent; 3) consent of the instructor

The objectives of this course are to prepare the student to comprehend principles of safety, quality assurance, selection criteria and interpretation for current diagnostic imaging modalities of interest to be health care provider treating the craniomaxillofacial complex.

**OBIO 613 Diagnosis and Treatment of Temporomandibular Disorders & Maxillofacial Pain-1 credit hour**

Prerequisites: One of the following: 1) A DDS or DMD degree, or its foreign equivalent; 2) consent of the instructor

This course will present the basic concepts of temporomandibular disorders. Emphasis is on etiology, examination, recognition, diagnosis and treatment of facial pain/TMJ disorders and occlusal abnormalities.

**OBIO 614 Advanced Oral Diagnosis/Oral Medicine-1 credit hour**

Prerequisites: One of the following: 1) Admission to the MS oral Biology program; 2) a DDS, DMD or MD degree or its foreign equivalent; 3) consent of the instructor

This course will present to graduate students and/or dental professionals advanced topics on diagnostic methods and therapy relative to oral-maxillofacial and systemic diseases as well as the inter-relationships between oral and systemic disease.

**OBIO 615 Advanced Clinical Pharmacology-1 credit hour**

Prerequisites: One of the following: 1) Admission to the MS Oral Biology program; 2) a DDS, DMD or MD degree or its foreign equivalent; 3) consent of the instructor.

This course will present to graduate students and/or dental professionals advanced topics in clinical pharmacology with specific emphasis on antibiotics, analgesics, local anesthetics, anxiolytic, antifungal and antiviral drugs.

**OBIO 616 Overview of Medical Genetics in Oro-facial Disease-1.5 credit hours**

Prerequisites: One of the following: 1) Admission to the MS Oral Biology program; 2) a DDS, DMD or MD degree or its foreign equivalent; 3) consent of the instructor.

This course will familiarize the student with the medical genetic influence on development and growth, as well as dysmorphology and disease, of the human body. Risk factor, probabilities and clinical outcomes are emphasized.

**OBIO 617 Advanced Oral Pathology-1 credit hour**

Prerequisites: One of the following: 1) Admission to the MS Oral Biology program; 2) a DDS, DMD or MD degree or its foreign equivalent; 3) consent of the instructor.

This course will familiarize the student with the clinical and radiographic manifestations of diseases of the oral cavity and paraoral region. Also included will be the clinical differential

diagnosis, oral lesions and the etiology and histology of common oral lesions. Clinical evaluation and management of oral lesions will be discussed as well.

**OBIO 619 Research-1-8 credit hours**

This course allows graduate credit to be obtained by performing a research project.

**OBIO 620 Thesis-1-8 credit hours**

Prerequisite: Consent of instructor and acceptance to MS Oral Biology program.

This course allows graduate semester hours to be obtained for performing research and completing a thesis.

**ASNB 675 Advanced Head & Neck Anatomy-2 credit hours**

Prerequisites: One of the following: 1) Admission to the MS Oral Biology program; 2) a DDS, DMD or MD or DO degree or its foreign equivalent; 3) consent of the course director.

Advanced topics in the anatomic relations of the head and neck as applicable to the post-graduate health professional, with major emphasis on cadaver dissection.

## **Department of Orthodontic, Pediatric Dentistry, and Special Care**

### **OPGD 800 Growth & Development-1 credit hour**

This course will introduce the first-year dental student to the anatomical, physiological and psycho-social factors associated with the growth and development of humans. It will also demonstrate the application of this basic information during the treatment of children, adolescents and adult patients in the general practice of dentistry.

### **OPGD 801 Principles of Orthodontics I-1 credit hour**

Prerequisite: OPGD 800

Introduction to diagnosis and treatment planning principles of clinical orthodontics. Basic procedures of preventive, interceptive, and corrective orthodontics are discussed with emphasis on what can be handled in the general dental office.

### **OPGD 804 Pediatric Dentistry I-1 credit hour**

Lecture course designed to familiarize the student with techniques in the management of the developing dentition, pediatric preventive dentistry, and diagnostic and restorative techniques necessary to begin treating children.

### **OPGD 805 Principles of Orthodontics II-1 credit hour**

Prerequisites: OPGD 800 and 801

Covers principles of orthodontic diagnosis and treatment planning in more detail than Principles of Orthodontics I. This course is structured to represent the link between orthodontic therapy and clinic utilization. As such, it is directly preparatory to the course in Clinical Orthodontics. It presents the basic design and usage of fixed appliance systems as well as the use and construction of removable appliances. A series of “mini clinics” is presented in which students are exposed to various aspects of appliance design and use in a clinical setting.

### **OPGD 806 Pediatric Dentistry II-1 credit hour**

Lecture course covering the topics included in Pediatric Dentistry I in more depth. Includes additional material on management of traumatic injuries, emergencies, pulp treatment, nitrous oxide sedation, bleaching, periodontics, oral habits, and oral pathology in children. In addition, behavior management of the child patient is emphasized.

### **OPGD 809 Clinical Orthodontics-1 credit hour**

Prerequisites: OPGD 800, 801 and 805

This course teaches the application of principles of orthodontic diagnosis and treatment. Students are taught to apply diagnostic principles to a broad range of observed malocclusions as they would be encountered in a general practice and to develop communication skills necessary to provide effective patient/parent consultation and effective interaction with the specialist in orthodontics. Students are taught treatment of malocclusions generally considered to be uncomplicated. Treatment may be provided in a wide variety of situations using either fixed or removable appliances without particular patient age restrictions.

**OPGD 811 Concepts in Special Patient Care-1 credit hour**

This course will provide the third-year student with information about non-traditional patients seen in contemporary dental practice. It will review many principles of working with “special” patients, including the need to coordinate dental care with services provided by other types of health professionals. Satisfactory completion of the course is required before assignment to the Clinical Geriatric Dentistry service rotation in the fourth year.

**OPGD 810 Clinical Pediatric Dentistry-5 credit hours**

Junior and senior clinical courses completed on a block assignment rotation basis. A total of ten weeks rotation is included in the clinical course. On completion of this course a student should feel confident about management, diagnostic, preventive, and treatment management activities for the child patient.

**OPGD 815 Preclinical Orthodontic/Pediatric Dentistry Lecture and Lab-3 credit hours**

Preclinical lecture and laboratory course designed to acquaint the student with utilization and handling of orthodontic materials and instruments. Also designed to perfect the motor skills of a student before performing pediatric restorative procedures in the clinical setting.

## **Department of Oral Health and Rehabilitation**

### **PEDH 800 Periodontics I-1 credit hour**

This introductory course integrates basic science knowledge into the study of the investing and supporting tissues of the teeth.

### **PEDH 805 Periodontics II-1 credit hour**

This is a continuation of the first year perio course. It introduces students to the basic concepts necessary in recognizing periodontal health and diagnosing periodontal diseases. Also emphasized are prognosis and treatment planning.

### **PEDH 814 Periodontics III-1 credit hour**

This lecture course provides students with information needed to plan and perform initial periodontal therapy. It precedes their first clinical experience in the periodontics clinic. It also provides information on alternative treatment plans and supplements to treatment, such as the use of antibiotics and oral antimicrobials.

### **PEDH 815 Endodontics I-3 credit hours**

This clinical course includes lectures on the biological and clinical aspects of endodontics plus laboratory exercises. The biologic aspect lectures include discussions of pulp and periapical diseases, diagnostic and treatment procedures, selection of patients, and medications in endodontics. Clinical aspect lectures are devoted to procedures used in preparing and filling root canals, discussion of the materials used, restoration of endodontically treated teeth and clinic orientation. During laboratory exercises, students prepare and fill the root canals on extracted human teeth. Students may treat patients as soon as the preclinical course is completed.

### **PEDH 816 Endodontics II-1 credit hour**

This didactic course consists of a series of lectures of clinical aspects of endodontics followed by a seminar series dealing with particular clinical problems. This course runs concurrently with the clinical course.

### **PEDH 817 Senior Clinical Endodontics-2 credit hours**

### **PEDH 818 Junior Clinical Endodontics-1 credit hour**

Senior complete required numbers and types of endodontic treatment on patients before taking a proficiency examination, all of which determines their final grade. Each student has the opportunity to receive additional academic credit for extra treatment performed after satisfying course requirements.

### **PEDH 819 Advanced Periodontics-1 credit hour**

This summary course uses a case presentation format. It enables students to approach the diagnosis, treatment plan and treatment success with a strong emphasis on the overall patient medical picture. It uses small group discussion to develop logical aspects of patient management and treatment.

**PEDH 820 Community Service-0.5 credit hour**

**PEDH 821 Periodontal Modular Learning-2 credit hours**

This course is a flexible time self-learning lab. Workbook and videotaped modules are used to guide students through exercises in various topics from x-ray interpretation to simulated surgery.

**PEDH 824 Clinical Periodontics-3 credit hours**

Prerequisites: Completion of 1<sup>st</sup> and 2<sup>nd</sup> year periodontic didactic courses.

Students will demonstrate competency in treating patients with periodontal disease. This includes examination and diagnosis, treatment planning, sealing and root planning, minor surgical procedures and re-evaluation of treatment success and maintenance therapy.

**PEDH 825 Clinical Preventive Dentistry -3 credit hours**

Students will demonstrate proficiency in treatment planning the preventive needs of the patient. Additionally, they will demonstrate counseling in oral hygiene, tobacco use intervention and diet. They will demonstrate knowledge of the appropriate use of fluorides and hygiene tools.

## **Department of Surgical & Hospital Dentistry**

### **SUHD 800 Correlated Sciences-1 credit hour**

Student exposure to actual case reports from our dental clinics. Generally, lectures are presented in topic form and deal with pathological or medical/dental entities. As a disease topic is developed, pertinent basic science principles are introduced and discussed. An attempt is always made to ensure that course format is relevant to clinical dentistry.

### **SUHD 802 Pain and Anxiety Control-3 credit hours**

Students acquire an understanding of pain and the principles of pain as related to the treatment of patients. Competency is gained in the techniques of pain control, especially those of local anesthesia. Evaluation of the physical/mental/emotional status of the patient and determination of the proper pain control technique and its correlation with patient status and treatment procedure are stressed.

### **SUHD 803 Oral Pathology-4 credit hours**

General principles and concepts of diseases, as learned in General and Systemic Pathology are applied to those diseases which manifest in and about the oral cavity. Signs and symptoms, natural history, diagnosis, management, and prognosis of common and significant oral diseases are presented.

### **SUHD 805 Principles of Oral Surgery I-1 credit hour**

This course initially introduces the third year dental student to the principles of basic and advanced cardiopulmonary resuscitation and specifically deals with emergencies in the dental office. The diagnosis and treatment of odontogenic infections, along with laboratory diagnosis and biopsy technique are discussed. Simple exodontias, complicated exodontias, and impactions are thoroughly reviewed. Cysts of the jaws, their diagnosis and treatment, soft tissue and bony tumors of the oral cavity are reviewed. The discussion of the management of acute postoperative pain enables the student to more intelligently deal with the problem. Dental implantology is introduced.

### **SUHD 806 Principles of Oral Surgery II-1 credit hour**

This course is designed to give the third year dental student a basic understanding of the specialty of oral and maxillofacial surgery; the process of diagnosis, surgical and adjunctive management of diseases, deformities and malformations of the mouth and jaws and associated structures. The material presented will help the student acquire: an understanding of the specialty of oral and maxillofacial surgery; fundamentals in diagnosis and treatment of facial injuries; an awareness of the proper techniques in preparing a mouth for prostheses as well as what surgery has to offer the edentulous cripple; fundamental knowledge of the functional disorders affecting the temporomandibular joints and muscles of mastication; knowledge of surgical diseases of the salivary glands; awareness of these various dentofacial deformities and what surgical therapy has to offer; an understanding of the basic management of oral tumors and

a knowledge of basic disorders of the maxillary sinus. The student is expected to gain an awareness of surgical disorders and modern surgical therapy so that as a practitioner he/she recognizes surgical problems in his/her patients, initiates appropriate therapy and/or makes intelligent referrals.

**SUHD 807 Clinical Oral Surgery I-4 credit hours**

This course provides a clinical learning experience, culminating the didactic theory and techniques of exodontia and minor oral surgery for junior dental students.

**SUHD 808 Clinical Oral Surgery II-2 credit hours**

This course provides a clinical learning experience culminating the didactic theory and techniques of minor and major oral and maxillofacial surgery for senior dental students.

**SUHD 811 General Medicine in Dentistry-1 credit hour**

This course introduces the fourth year dental student to general medicine concepts and their application to dentistry. The body will be broken down into the major organ systems, with discussion on their pathophysiology and how it affects dental care. There will be heavy clinical basis and clinical application of basic science principles.

**SUHD 813 Oral Radiology I-2 credit hours**

This didactic course covers radiation physics, radiation biology, radiation hygiene/protections, imaging theory, dental and maxillofacial radiographic techniques, and interpretation of normal structures and common disease processes. The lecture series must be completed prior to enrollment in Oral Radiology II.

**SUHD 814 Oral Radiology II-1credit hour**

A laboratory activity culmination in clinical experience in radiographic technique and radiologic interpretation of the dental structures. Initial basic laboratories investigate geometric imaging theory, radiographic density and contrast and radiograph quality assurance. Technical proficiency in basic radiography is developed working on manikins. Under direct supervision these skills are adapted to the clinical situation. This laboratory/clinic must be completed prior to enrollment in Clinical oral Radiology.

**SUHD 815 Clinical Oral Radiology-1 credit hour**

Perfection of radiologic technical skills through supervised clinical practice in managing patients with varied oral and dental conditions. The student develops independent judgment through written interpretation of full mouth and other necessary radiographs to assist in diagnosis and treatment planning.

**SUHD 816 Advanced Radiologic Interpretation-1 credit hour**

Advanced radiologic interpretation covering diseases of the head and neck. Comparisons are made between different radiographic techniques and imaging modalities. Quality assurance in the dental office is addressed.

**SUHD 817 Cariology-0.5 credit hour**

The course focuses on the study of the epidemiology and etiology of dental decay. Emphasis is placed on the mechanisms involved in the disease process and in the prevention of the disease.

## **Interdisciplinary Studies**

### **IDSC 821 Pathomedicine-8 credit hours**

A survey of general pathology and internal medicine as it relates to dentistry with emphasis on the evaluation and management of medically complex/compromised patients requiring dental treatment.

### **IDSC 860-870 Selective Series**

Various selective courses are offered each semester to fourth year students.

### **IDSC 850 Professional Degree Candidacy 0-10 credit hours**

### **IDSC 865 Clinical Studies 0-10 credit hours**

## **Administration Faculty**

### **Administrative Officers of the University**

**James Ramsey**

President

**Shirley Willinghamz**

University Provost and Executive Vice President

**Keith Inman**

Vice President for University Advancement

**Larry Owsley, BS, MPP**

Vice President for Finance and Administration

**David L. Dunn, MD, Ph.D.**

Executive Vice President for Health Affairs

**Priscilla Hancock**

Vice President for Information Technology

**William Pierce, Jr., MD**

Executive Vice President for Research

**Tom Jackson Jr., EdD**

Vice President for Student Affairs

**Daniel Hall**

Vice President for External Affairs

### **Administrative Officers of the School of Dentistry**

**John Sauk, DDS, MS**

Dean

**Melissa Atkinson**

Assistant Dean for Administration

**Gary Crim, DMD, MSD**

Associate Dean for Predoctoral Education

**Wood Currens, DMD, MEd**

Assistant to the Dean for Alumni Affairs and Professional Development

**Gary Dryden**

Assistant Dean for Finance

**Theresa Mayfield, DMD**

Associate Dean for Clinical Affairs

**Margaret Hill, DMD**

Associate Dean for Postdoctoral Programs

**Chairs of Departments**

**Basic Sciences**

**Fred Roisen, PhD**

Anatomical Sciences and Neurobiology (School of Medicine and School of Dentistry)

**Ronald Gregg, PhD**

Biochemistry and Molecular Biology (School of Medicine and School of Dentistry)

**Robert Stout, PhD**

Microbiology and Immunology (School of Medicine and School of Dentistry)

**David Hein, Ph.D**

Pharmacology and Toxicology (School of Medicine and School of Dentistry)

**Irving Joshua, Ph.D.**

Physiology and Biophysics (School of Medicine and School of Dentistry)

**School of Dentistry**

**Brian Alpert, DDS**

Surgical & Hospital Dentistry

**Jane Casada, DMD**

General Dentistry and Oral Medicine

**Robert Greene, Ph.D.**

Molecular, Cellular and Craniofacial Biology

**Dean Morton, DMD, MS**

Oral Health & Rehabilitation

**Anibal Silveira, DDS**

Orthodontic, Pediatric Dentistry & Special Care

## **Alphabetical Listing of School of Dentistry Faculty**

Brian Alpert, DDS

Professor, Chair and Director of Oral and Maxillofacial Surgery

Surgical and Hospital Dentistry

AB (New York University)

DDS (Columbia University)

Gay Baughman

Assistant Professor

General Dentistry & Oral Medicine

DMD (University of Louisville)

Mark Bernstein

Professor

Surgical and Hospital Dentistry

DDS (New York University)

Catherine Binkley

Associate Professor

Surgical and Hospital Dentistry

DDS (University of Maryland)

MSPH (University of Louisville)

PhD (University of Louisville)

James Paul Boyd

Assistant Professor

General Dentistry & Oral Medicine

BS (Georgetown College)

DMD (University of Louisville)

Ricardo Caicedo

Associate Professor

Oral Health & Rehabilitation

Dr. Odont. (Colombian Dental College)

Jane Casada

Professor

General Dentistry & Oral Medicine

BS (University of Kentucky)

DMD (University of Kentucky)

Sunita Chandiramani  
Clinical Assistant Professor  
Director, Postgraduate Orthodontics  
Orthodontic, Pediatric Dentistry & Special Care  
DMD (University of Louisville)  
MS (University of Louisville)

Stephen Clark  
Associate Professor  
Director, Postgraduate Endodontics  
Oral Health & Rehabilitation  
DMD (University of Kentucky)  
Certificate in Endodontics (University of Kentucky)

Susan Collier  
Assistant Professor  
Oral Health & Rehabilitation  
BS (University of Kentucky)  
MSEd (University of Kentucky)

Paula Collins  
Assistant Professor  
Diagnostic Sciences, Prosthodontics and Restorative Dentistry  
DMD (University of Louisville)

Gary Crim  
Professor  
Association Dean for Predoctoral Education  
General Dentistry and Oral Medicine  
DMD (University of Kentucky)  
MSD (Indiana University)

Wood Currens  
Professor  
Assistant to the Dean for Alumni Affairs  
General Dentistry and Oral Medicine  
DMD (University of Louisville)  
MEd (Temple University)

Douglas Darling  
Professor  
Oral Health & Rehabilitation  
PhD (University of Washington)

Donald Demuth  
Professor & Associate Dean for Research & Enterprise  
Oral Health & Rehabilitation  
PhD (Lehigh University)  
BS (Kutztown State University)

Jixiang Ding  
Associate Professor  
Molecular, Cellular and Craniofacial Biology  
PhD (University of Manchester)  
BSc (Hangzhou University)

Juliet Dunaway  
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DMD (University of Louisville)

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DMD (University of Louisville)

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DMD (University of Aleppo)

Carmine Esposito  
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Oral Health & Rehabilitation  
AA (University of Florida)  
DMD (University of Louisville)

Daniel Fadel  
Assistant Professor  
Director of Continuing Education  
General Dentistry and Oral Medicine  
DMD (University of Louisville)

Allan Farman

Professor

Surgical and Hospital Dentistry

PhD (University of Stellenbosch)

BDS (University of Birmingham, England)

EdS (University of Louisville)

MBA (University of Louisville)

LDSRCS (Royal College of Surgeons, London)

F. John Firriolo

Professor

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PhD (University of Maryland)

DDS (University of Maryland)

Guy Furnish

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BA (University of Louisville)

DMD (University of Kentucky)

Liliana Roza Gaeth

Clinical Assistant Professor

Orthodontic, Pediatric Dentistry and Special Care

DDS (Colegio Odontologico-Colombia, South America)

Certificate in Pediatrics (University of Louisville)

Lawrence Gettleman

Professor of Prosthodontics & Biomaterials

Oral Health & Rehabilitation

BA (Rutgers University)

DMD (Harvard University)

MSD (St. Louis University)

Susan Grammer

Associate Professor

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BS (University of Louisville)

RDH (University of Louisville)

MS (University of Louisville)

Robert Greene  
Professor  
Chair, Molecular, Cellular and Craniofacial Biology  
BA (Syracuse University)  
PhD (University of Virginia)

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DMD (University of Louisville)  
MSD (Case Western Reserve University)

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MSD (Case Western Reserve University)

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DDS (University of Alabama)

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BS (Northern Kentucky University)

DMD (University of Louisville)

Certificate in Prosthodontics (University of Texas Health Science Center at San Antonio)

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Certificate in GPR (University of Louisville)

MS (University of Kentucky)

Wendy Hupp

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BA (Franklin and Marshall College)

DMD (University of Pennsylvania)

James Kelly

Professor

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BS (University of Kentucky)

DMD (University of Louisville)

Zafrulla Khan

Professor and Director- Maxillofacial/Oncologic Dentistry

J.G. Brown Cancer Center

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BS (University of Kentucky)  
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MS (University of Kentucky)

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DDS (Loyola University)  
MEd (Boston University)

Dean Morton  
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BDS (University of Sydney, Australia)  
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BS (University of Kentucky)  
DMD (University of Kentucky)

M. Melinda Paris  
Assistant Professor  
General Dentistry & Oral Medicine  
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