

ADVANCED EDUCATIONAL PROGRAMS IN PEDIATRIC DENTISTRY

UNIVERSITY OF ALABAMA SCHOOL OF DENTISTRY THE CHILDREN'S HOSPITAL SPARKS CENTER FOR DEVELOPMENTAL AND LEARNING DISORDERS

PURPOSE

This course of study is designed to provide an educational background and developmental atmosphere necessary for training the future clinical and academic leaders in Pediatric Dentistry. Advanced education in Pediatric Dentistry provides the student with an in-depth understanding of, and clinical expertise in the practice of dentistry for children and people with developmental disabilities. Pediatric dentistry is a specialty of an age group rather than a specific technique; therefore, an extensive knowledge concerning normal growth and development, behavior management, and all phases of dentistry in healthy and compromised patients is required. The programs in Pediatric Dentistry prepare the student for a career in community practice and/or academics.

PROGRAMS

Each program may be tailored to fulfill the needs and interests of each student and satisfy the qualifications for certification by the American Board of Pediatric Dentistry. Two programs are available including: (1) Certificate Program and (2) Certification/ M.S. Degree Program.

(1) Certificate Program: This program is directed toward individuals interested in pursuing clinical training and is geared toward preparing students to obtain pediatric dentistry board certification. This is a two-year program and students are required to present 3 board cases prior to graduation in addition to completion of didactic courses which includes physical diagnosis, hospital dentistry, craniofacial evaluation, growth and development, pharmacology & therapeutics and scientific methodology. Attendance is required at several continuing education courses presented by outstanding clinicians and researchers in pediatric dentistry and related dental and medical specialties.

(2) Certificate and Degree Program: This comprehensive program is designed to allow an individualized training experience which will propel graduates into leadership roles either as clinicians or academicians. Successful completion of this program leads to a certificate in Pediatric Dentistry and a Master's of Science Degree. Obtaining mastery level knowledge of the diversified disciplines involved in providing total patient care for pediatric patients typically requires a three-year course of study. Program length will vary, however, depending on the student's specific program and rate of learning. A student must satisfactorily complete 30 graduate hours with an average grade of B in all courses. An original research project approved by the Director of Postdoctoral Pediatric Dentistry Program, the student's graduate committee, and the Dean of the Graduate School must be completed and an acceptable thesis presented for graduation. Before being accepted into the Graduate School, the student must be approved by the Director of Postdoctoral

Pediatric Dentistry Program, the Dean of the School of Dentistry, and the Dean of the Graduate School. Didactic courses include study in physical diagnosis, laboratory medicine, hospital dentistry, craniofacial evaluation, growth and development, preventive dentistry and scientific methodology. Additional graduate courses may be included in an individualized curriculum, depending on the needs and desires of each student. Attendance is required at several continuing education courses presented by outstanding clinicians and researchers in pediatric dentistry and related dental and medical specialties.

Both programs involve the development of expertise in providing total patient care for pediatric patients involves extensive clinical experiences in behavior management, outpatient sedation, medical management, dental trauma, and comprehensive treatment of malocclusions. A four-week anesthesia training with pediatric anesthesiologists at The Children's Hospital is accomplished the first year. Students also participate in weekly pediatric dentistry seminars, oncology rounds, orthodontic clinical sessions, and pediatric medicine grand rounds. Patient care includes involvement in special clinics for the Hemophilia Team, Cleft Lip and Palate Team, and Craniofacial Anomalies Team. The availability of a large clinic population allows all students to benefit from direct clinical experience and patient care in all fields.

During the first year, each student selects either a clinical or basic science research problem with the assistance of the program director and Pediatric Dentistry faculty. Extensive clinical research opportunities exist which will benefit future practitioners in their educational and clinical skills. Didactic and clinical training continue during the second year while the student prepares a research protocol and selects a preceptor for his/her research project. A strong clinical component of the second year allows the student to achieve excellence in the areas of hospital dentistry and rendering patient care with the aid of general anesthesia and outpatient conscious sedation. The third year is spent completing the research project for those choosing the master's degree tract and developing an acceptable thesis, while continuing to maintain a continuity of patient care in the clinical setting. The development of advanced clinical skills is accomplished during this third year through the treatment of complex restorative and behavioral cases, in addition to long-term comprehensive treatment of malocclusions and medically compromised individuals.

FACILITIES

The Sidney B. Finn Pediatric Dentistry Clinic at The University of Alabama School of Dentistry is located on the third floor as a separate clinic of the School of Dentistry. The clinic contains 16 modern operatories. Equipment for taking oral radiographs as well as other supportive equipment is available within the clinic. A well-equipped dental laboratory is located adjacent to the Pediatric Clinic and is used by the clinic personnel in the fabrication of preventive and interceptive orthodontic appliances, etc. Personnel include a clerk receptionist and chairside dental assistants.

The Children's Hospital is a 190 bed tertiary care facility housing a Pediatric Dentistry Clinic which provides comprehensive oral care for both ambulatory and in-house patients. An extensive population of medically compromised patients from the southeast region and healthy patients from the Birmingham area are treated in this facility which has complete radiographic capabilities and a laboratory. A well equipped dental operating room for treating patients using

general anesthesia is available. Clinical auxiliary personnel include a clinic receptionist, dental hygienist and chairside dental assistants.

The Sparks Center for Developmental and Learning Disorders is concerned with the interdisciplinary evaluation and management of individuals with developmental and learning disabilities. Interaction with experts in psychology, speech pathology, vision, hearing, physical therapy, nutrition and pediatrics provides the student a diverse experience. The clinic provides diagnostic craniofacial evaluations as well as comprehensive oral health care. In accordance with its interdisciplinary approach, the Sparks Center provides a dental clinic for its patients. Dental care is available for Sparks clients of all ages. It has two-well equipped operatories and is staffed by a dental hygienist/assistant.

There are several community outreach clinics where our residents are required to rotate. These clinics are outside of UAB and provide dental care to children from low-income families or children with special needs where access is a concern.

Other facilities within the School of Dentistry and the various University of Alabama Hospitals and Clinics are available for use in special situations.

GENERAL INFORMATION

Stipends for individuals U.S. citizens/permanent residents that graduated from an ADA accredited U.S. dental school participating in the Postgraduate Program are available and typically range from \$25,725 to \$32,060. Funds vary from year to year and anyone interested in these programs should make individual inquiries concerning stipend availability for a particular year.

Tuition/fees to The University of Alabama School of Dentistry is approximately \$4,500.00 per academic year. These tuition/fees are subject to increase. Prevailing fees for the Graduate School will also be paid by the student seeking M.S. degree. At time of enrollment, students must present certification of vaccination for, or immunity to, Hepatitis B. In addition, each student must obtain and maintain acceptable health hospitalization insurance as well as professional liability insurance.

Additional expenses to students range upward from \$2,000.00. This may include cost for books, instruments, photography equipment, computer, professional liability insurance, student health fees, supplies, expenses related to research activities, and thesis preparation, etc.

Each student is expected to be on duty from 8:00 a.m. to 5:00 p.m. Monday through Friday of each week. In addition, students will be expected to attend meetings, seminars, etc., which do not fall within the hours listed above. All students in the advanced programs will have night, weekend, and holiday "on call" duties for patient emergencies. "On call" duties are divided among the first and second year residents. Third year residents are generally free of this responsibility.

Participation in the Postdoctoral Pediatric Dental Program requires concentrated full-time effort on the student's part. Consequently, each student should plan his or her other obligations accordingly.

All students are allowed 15-20 time-off days per year depending on their training status of certificate or master's program. Students receive 6 holidays (New Year's, Independence Day, Labor Day, Thanksgiving Day, Christmas Day, Martin Luther King's Birthday, and Memorial Day) each year.

BIRMINGHAM AREA INFORMATION

Birmingham is a progressive city located in the foothills of the Appalachian Mountains with a metropolitan area population that is approaching one million. It is Alabama's largest retail trade and financial center and has become internationally renowned as a medical center. Birmingham's medical community provides both comprehensive treatment services and innovative research with more than one in ten workers having jobs related to medicine and health care. The city has transformed from a major steel producing city to one which represents a blend of high tech biomedical and telecommunication ventures. Sports, fine arts, music and the theater are all well represented providing outstanding entertainment. Birmingham enjoys four distinct seasons and has a temperature which is ideal for enjoying outdoor activities available at the numerous area parks. Weekend vacationers frequently take advantage of the crystal white beaches located on the Gulf of Mexico which is a five hour drive south of Birmingham.

Additional information on the Birmingham area (housing, etc.) is available from the Birmingham Chamber of Commerce.

THE UNIVERSITY OF ALABAMA AT BIRMINGHAM

The University of Alabama at Birmingham is a comprehensive urban institution occupying a 64-square block campus on Birmingham's southside. The University is composed of 13 schools in addition to the hospitals which have developed an international reputation. The 25 doctoral programs and 40 master's programs have an enrollment of 2,700 students while the undergraduate programs have an additional 10,000 students. Campus life at UAB is characterized by the bustle and diversity of its urban setting. Cultural and recreational opportunities are readily available at the new University Center and 8,000 seat Convocation Center in addition to the numerous off-campus facilities. UAB's role as a center for excellence in education has resulted in tremendous growth over the past two decades and established the University as the largest area employer.

APPLICATION

As part of a national effort to make the application process less time consuming for the applicant, this Pediatric Dentistry Program is a participant in the PASS (Postdoctoral Application Support Service) central application service sponsored by the American Association of Dental Schools. In order to meet the October 15th application deadline, completed PASS documents should be submitted to the PASS office no later than September 30th of the year preceding the year for

which the applicant is applying. There are two types of applications, stipend and non-stipend. Only applicants that are U.S. Citizens or Permanent Resident that have graduated from a U.S., ADA accredited dental school are eligible for the stipend position category. Application materials can usually be obtained from your dental school or by contacting:

Postdoctoral Application Support Service
American Association of Dental Schools
1625 Massachusetts Avenue N.W., Suite 600
Washington, D.C. 20036-2212
Telephone: (202) 332-8795

The Pediatric Dentistry Program is also a participant of the National Matching Program sponsored by the American Academy of Pediatric Dentistry and monitored by the Committee on Residency Education and Training. The administration of the matching program, including the performance of the match, is carried out by National Matching Services, as an independent contractor. Applicants for the Pediatric Dentistry program should submit a request for an application agreement form to the address at the top of the request form, or at their website address; www.natmatch.com/dentres. If there are any prior questions concerning the matching program, write or telephone to:

National Matching Services
595 Bay Street
Suite 301
Toronto, Ontario
CANADA
Telephone: (416) 977-3431

Individuals who are accepted into a program should plan to be in Birmingham at least two weeks before the initiation date of the program.

It is the responsibility of the applicant, to provide the UAB School of Dentistry Postgraduate Office, the necessary paper work asked for in the application and prospectus.

For further information relative to this program please write to the Director of Advanced Dental Education, University of Alabama School of Dentistry, UAB Station SDB Box 92, Birmingham, Alabama 35294-0007. It is the responsibility of the applicant to provide to the UAB School of Dentistry Postgraduate Office necessary paper work asked for in the application and prospectus.

DISCLAIMER:

The contents of this prospectus represent the most current information available at the time of publication. It is possible that changes may be made with respect to this information without prior notice. The provisions of the prospectus are not to be regarded as an irrevocable contract between the school and the student.

PEDIATRIC DENTISTRY FACULTY

Full Time Clinical Faculty

Noel K. Childers, D.D.S., M.S., Ph.D.
Joseph F. Volker Professor
Chair of Pediatric Dentistry Department

John B. Thornton, D.M.D., M.A.,
Professor of Pediatric Dentistry,
Co-Director Sparks Center Dental Clinic for the Developmentally Disabled
Associate Dean for Community Affairs.

Janice G. Jackson, D.M.D.
Associate Professor of Pediatric Dentistry
Advanced Program Director in Pediatric Dentistry
Chief of Dental Services, Children's Hospital of Alabama
Co-Director Sparks Center Dental Clinic for the Developmentally Disabled

Stephen C. Mitchell, D.M.D., M.S.
Associate Professor of Pediatric Dentistry
Director of the Undergraduate Clinic in Pediatric Dentistry

John Ruby, D.M.D., Ph.D.
Associate Professor of Pediatric Dentistry

Full Time Research Faculty

Jannet Katz, D.D.S., Ph.D.
Professor of Dentistry
Graduate Director of M.S. Dentistry, Oral Biology Program

Kohtaro Fujihashi, D.D.S., Ph.D.
Professor of Dentistry

Hui Wu, Ph.D.
Assistant Professor of Dentistry

Ping Zhang, D.D.S., Ph.D.
Assistant Professor

Part Time Faculty

Kimberly Carr, DMD
Clinical Assistant Professor of Dentistry

Joely Marim-Eberhardt, D.M.D.
Clinical Assistant Professor of Dentistry

John Flowers, D.M.D.
Clinical Assistant Professor of Dentistry

Jill Barton-Gamotis, D.M.D.
Clinical Assistant Professor of Dentistry

Michael Keller, D.D.S.
Clinical Assistant Professor of Dentistry

Eric Lowenhaupt, D.D.S. |
Adjunct Assistant Professor of Dentistry

Comment [NKC1]: Isn't it OK to remove this? If not should go below.

David H. Merritt, D.M.D., M.S.
Clinical Assistant Professor of Dentistry

Keri Miller, DMD
Adjunct Clinical Instructor of Dentistry |

Comment [NKC2]: Really?

Donald Norby, D.M.D.
Clinical Assistant Professor of Dentistry

Carlos Nurko, D.D.S., M.S,
Adjunct Assistant Professor of Dentistry |

Comment [NKC3]: Correct title?

Jerry Parker, D.M.D.
Clinical Assistant Professor of Dentistry

Gerald Samson, D.D.S., M.S.
Adjunct Associate Professor of Dentistry

Chuck S. Shannon, D.D.S.
Assistant Professor of Dentistry

H. Patrick Stanley, D.M.D., M.A.
Clinical Assistant Professor of Dentistry

Gordon Strole, DDS
Clinical Assistant Professor of Dentistry

Sue Nimer Young
Clinical Associate Professor of Dentistry

John Wiseniewski, D.M.D., M.S. |
Clinical Adjunct Professor of Dentistry

Comment [NKC4]: Correct spelling, correct title?