

**UNIVERSITY OF ALABAMA SCHOOL OF DENTISTRY
THE UNIVERSITY OF ALABAMA AT BIRMINGHAM
PROSPECTUS**

ADVANCED EDUCATIONAL PROGRAM IN ORTHODONTICS

OBJECTIVE:

The Orthodontic Department has as its objective the education of excellent, ethical, compassionate and versatile practitioners in the art and science of orthodontics. In addition, the program will provide the basis for graduates to pursue an academic career if they so desire.

TYPE OF PROGRAM:

The graduate program extends over a period of three (3) years and leads to a Certificate in Orthodontics. During the course of the three year program, the candidate will be admitted to the Graduate School, where in addition to completing the didactic courses offered, the student will be required to complete a thesis based on original research. On successful completion of the requirements of the program and defense of a thesis, the candidate will be awarded a Master's Degree in Clinical Dentistry as well as a Certificate in Orthodontics.

GENERAL DESCRIPTION OF PROGRAM:

The graduate program is designed to educate and train specialist orthodontists to meet the standards of the American Dental Association Commission on Dental Education for Advanced Education Programs in Orthodontics to satisfy the American Board of Orthodontics requirements. The course extends over three academic years and combines laboratory and clinical work with didactic courses in the postgraduate program and in the graduate school. Successful completion of the course leads to a specialty certificate.

For the Certificate (non-degree) Program, there will be tuition/fees of approximately \$5,747.00 per academic year. Since all students will also be enrolled in the Graduate School, additional fees will have to be paid for various prescribed courses in the graduate program.

Each student will be required to purchase instruments, a camera, laptop computer, books, an articulator, and other supplies as specified by the Department. The total costs of these items could amount to approximately \$8,000.

All students are required to carry acceptable health insurance and furnish proof to this effect. Upon notification of acceptance either by telephone or letter, a deposit of \$850.00 must be remitted by Cashier's Check. This is not refundable under any circumstances but is applied against the tuition charges at the time of matriculation. At time of enrollment students must present certification of vaccination for, or immunity to, Hepatitis B.

The Orthodontic program is a participant in the **PASS (Postdoctoral Application Support Service)** central application service sponsored by the American Association of Dental Schools. **Interested applicants can apply through PASS or directly through the dental school.** Completed applications and supporting documents must be received in this office by September 15 in order to be considered for the programs beginning the following summer. **PASS** applications can be requested online at their website address, www.ADEA.org. Direct applications can be requested from the Postdoctoral Admissions Office at the School of Dentistry by calling 205-934-5357; or by email s_moorer@uab.edu.

This program is also a participant of the National Matching Program. 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 Orthodontic program should submit a request for an application agreement form which is enclosed with this prospectus and mail it to the address at the top of the request form. 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 M5G 2C2
Telephone: (416) 977-3431
Fax: (416) 977-5020

(It is the **responsibility of the applicant** to forward their

match number to our office at **UAB** School of Dentistry).

Formal interviews by the Selection Committee will be scheduled by the Program Director for finalists for the program. The deadline for receipt of completed applications is September 15th, preceding the year for which the student applies. Selection and notification of students is usually made in early December for the class beginning July 1st.

Applicants from foreign countries who do not have English as their primary language will be required to provide documentation of having passed the TOEFL (Test of English as a Foreign Language) and a financial statement. It is the responsibility of the applicant to provide to the UAB School of Dentistry Postgraduate Office necessary documentation requested for in the application and prospectus.

New students report July 1st for orientation. Students will be required to obtain and maintain appropriate professional liability insurance, which is obtained through the UAB Medical Liability Trust Fund.

For first, second and third year students, there may be limited financial support, if available, in the form of teaching assistantships with the teaching obligations being limited. Regardless of the availability of financial support, teaching responsibilities are a part of the graduate program.

Participation in advanced dental education programs requires concentrated full-time effort on the student's part. Consequently, each student should plan his or her other responsibilities accordingly.

PRE-CLINICAL COURSE:

A planned pre-clinical course is given prior to treating patients and will include various aspects of orthodontic technology. This section of the course will include wire bending exercises, soldering, appliance fabrication, and completion of study casts.

The student will also be required to be proficient in taking complete orthodontic records which includes history, study casts, cephalometric radiographs, panoramic radiographs and photographic and imaging techniques prior to beginning patient treatment. Orthodontic diagnosis and treatment planning will be an ongoing teaching process to be continued in

conjunction with didactic courses, lectures, seminars and patient treatment including orthognathic surgery, cleft palate patients, and temporomandibular dysfunction patients.

PATIENT TREATMENT:

The major technique taught will be an edgewise technique using pre-angulated pre-torqued brackets. A limited number of patients, however, will be treated using removable and other appliances. Many new patients will be started by the incoming students, and they will also receive transfer patients. The transfer of the patients from third to second year students is carried out during March, April and May prior to the third year students completing their program at the end of April.

Transfer forms of the American Association of Orthodontists are used for patient transfer purposes. Each student will have the opportunity of undertaking treatment of patients during all stages of treatment including those in retention.

Students will also have the opportunity of interacting with other departments where orthodontic treatment will form part of the treatment procedure such as in orthognathic surgery, cleft palate, periodontal and prosthodontic patients etc. Orthognathic surgery plays a significant role in the orthodontic program and occupies an appropriate amount of time. A portion of the clinic program on Fridays is devoted to the management of temporomandibular joint disorders.

Guidance therapy will involve early treatment of selected patients. Early treatment or intervention of orthodontic patients is also taught.

DIDACTIC COURSES, SEMINARS AND ASSIGNMENTS:

- I. The following didactic courses are currently being offered. The list is subject to periodic alterations.

- Head and Neck Anatomy
- Physiology and Concepts of Occlusion
- Human Genetics
- Orthodontic Biomechanics
- Growth and Development/Genetics

Cleft Lip and Palate
Malformation Syndromes
Surgical Orthodontics
Temporomandibular Disorders
Photography and Cephalometrics
Design and Analysis of Clinical Research
Scientific Writing and Evaluation of Literature
Special Topics in Biomaterials
Biochemistry of Connective Tissue and Bone
Pathology
Statistics

Students will also be required to attend other selected courses and lectures. Some courses are offered only bi-annually.

- II. Seminars are held daily to cover various aspects of orthodontics. These will include topics prepared by the students with one or more faculty members in attendance. The seminars will embrace orthodontic diagnosis, treatment planning, visual treatment objectives, case presentations as well as literature reviews of current and selected scientific papers and other pertinent material. Comprehensive literature reviews with written summaries are also conducted in seminar format.

Selected seminars are also conducted for students by invited clinicians and teachers. In addition, students may be required to attend weekend continuing education courses in subjects pertinent to their interests and must register for them, at very minimal cost, at the Continuing Education Office. Students will be expected to observe the courtesies required by the Continuing Education Office. Students are also expected to attend the Annual Alabama Orthodontic Alumni Meeting.

ATTENDANCE TIME:

The program commences July 1st and ends almost three years later, towards the end of April. The students have a full five-day schedule from 8:00 to 5:00 unless earlier lectures are scheduled. Should the School of Dentistry, or any other department present a weekend course which would relate to their education or be of orthodontic interest, the students may be required to attend.

The students are expected to familiarize themselves with the departmental manual and to abide by all the rules contained therein.

TIME OFF:

During the scheduled holidays, it is the policy of the department to allow each student adequate time off. Some emergency clinic coverage is necessary. This will be rotated in as equitable a manner as possible.

Each student may take time to attend dental meetings, or state board examinations of his choice. This time will be with the approval of the Program Director. The second and third year students will generally have preference as to conventions they would like to attend. Financial support for attendance at selected meetings may be available. At no time may all postgraduate students be absent at the same time, except when the department is officially closed.

FACILITIES:

The Department of Orthodontics has its own facility within the main clinic building at the School of Dentistry. This clinic has 12 newly equipped operatories equipped for four-handed dentistry. Facilities also include two conference rooms with projection equipment, a project room, laboratory, a computer/video imaging room, digital radiology equipment and departmental office space. The clinic now has digital imaging, digital photography, computer patient check in and appointment, and digital charts. Electronic study casts are also used.

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 this prospectus are not to be regarded as an irrevocable contract between the school and the student.

FACULTY:

Full-time members of the Department of Orthodontics include:

P. Lionel Sadowsky, D.M.D., B.D.S., D.Orth., M.Dent. Professor and
Chairman†

Part-time members of the Department of Orthodontics include:

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| Alexander Jacobson, D.M.D., M.S., M.D.S., Ph.D. | Professor Emeritus | |
| Andre Ferreira, D.M.D, D.D.S., M.S. | Assistant Professor | |
| Bryant G. Speed, D.M.D. | Clinical Professor | |
| Luther T. Cale, Jr., D.M.D., Ph.D. | Clinical Professor | † |
| Clarcke Brown D.M.D | Clinical Asst. Professor | † |
| Ronald E. Brown, D.D.S. | Clinical Asst. Professor | † |
| Glenn R. Cowan, Jr. D.M.D., M.S. | Clinical | Asst. |
| Professor† | | |
| Timothy S. Truelove, D.M.D., M.S. | Clinical | Asst. |
| Professor† | | |
| Christos C. Vlachos, D.M.D., D.D.S., M.S. | Clinical | Asst. |
| Professor | | |

†Diplomate, American Board of Orthodontics

