BOSTON UNIVERSITY
HENRY M. GOLDMAN SCHOOL OF DENTAL MEDICINE
STUDENT LEARNING OUTCOMES
OCTOBER 2013

SECTION I. GENERAL DESCRIPTION

I. Organizational Structure of the School's Academic Programs

The Boston University Henry M. Goldman School of Dental Medicine (GSDM) is a graduate professional school whose academic mission is to educate and train oral health clinicians so that they possess the knowledge, skills and attitudes expected and required of competent and proficient practitioners. The School's academic programs are organized in three general categories: 1) the predoctoral "first-professional" Doctor of Dental Medicine (DMD) programs, 2) the postdoctoral "other graduate" Certificate of Advanced Graduate Studies (CAGS) in clinical specialty programs, and 3) the "graduate" Master's and Doctoral (MSD, DSc, DScD, PhD) research programs. The DMD program has two curriculum tracks, both University Hegis code 62: a traditional four-year track (referred to as the "DMD" track; 115 students per year), and an advanced standing two-year track for internationally trained dentists seeking education required for US or Canadian licensure (referred to as the "AS" track; ~80 students per year). In addition, the four-year track includes a small number (1-3 per year) of highly qualified individuals pursuing a seven-year combined Baccalaureate/DMD degree (three years college undergraduate plus four years DMD; Hegis Code 63). The School has nine individual CAGS programs, Hegis Code 71 or 72 depending on program type: Advanced Education in General Dentistry, Dental Public Health, Endodontics, Operative and Esthetic Dentistry, Oral and Maxillofacial Surgery, Orthodontics and Dentofacial Orthopedics, Pediatric Dentistry, Periodontology, and Prosthodontics. The Hegis Codes for the graduate research programs are: MSD (code 41), DSc (code 61), DScD (code 81) and PhD (code 85). Except for the PhD degree, all other graduate research degrees are administered and awarded by the School. The PhD program is administered by the School of Medicine's Division of Graduate Medical Sciences (GMS).

II. Student Learning Outcomes for the Predoctoral Dental Program

(DMD program: 4-year traditional; 2-year advanced standing for international dentists; 7-year BA/DMD)

Program: **Doctor of Dental Medicine (DMD)**
Program Contact and Title: **Dr. Celeste Kong, Interim Chair of General Dentistry, cvkong@bu.edu.**
College/School Contact and Title: **Dr. Cataldo W. Leone, Associate Dean for Academic Affairs, cleone@bu.edu.**

The learning outcomes are defined by the clinical competency statements required by the American Dental Association's Commission on Dental Accreditation (CODA). Currently, GSDM has 18 predoctoral competency statements that collectively define the critical areas needed to graduate competent general dentists. Each competency statement encompasses the fundamental knowledge, practical skills and relevant attitudes/values for that particular area.

- **Learning Objective/Competency #1:** Graduates must be competent in the assessment, diagnosis, and the dental management of patients, including medically compromised patients, throughout their lifecycle.

- **Learning Objective/Competency #2:** Graduates must be competent in the treatment planning and case presentation for patients throughout their life cycle.

- **Learning Objective/Competency #3:** Graduates must be competent in assessing the risk for oral diseases, the prevention of oral diseases and patient education in a manner that the patient can understand.

- **Learning Objective/Competency #4:** Graduates must be competent in control of pain and anxiety, clinical pharmacology and management of related problems for patients throughout their lifecycle.

- **Learning Objective/Competency #5:** Graduates must be competent in the prevention, recognition and initial management of common medical emergencies in the dental setting.

- **Learning Objective/Competency #6:** Graduates must be competent in the prevention, diagnosis and management of periodontal diseases throughout the life cycle.

- **Learning Objective/Competency #7:** Graduates must be competent in the restoration of teeth to form, function, and esthetics for patients throughout their life.

- **Learning Objective/Competency #8:** Graduates must be competent in the replacement of missing teeth for patients throughout their lifecycle.

- **Learning Objective/Competency #9:** Graduates must be competent in diagnosing and developing treatment plans addressing occlusal disorders.

- **Learning Objective/Competency #10:** Graduates must be competent in the management of pulpal disease for patients throughout their lifecycle.

- **Learning Objective/Competency #11:** Graduates must be competent to plan for and perform uncomplicated oral surgical procedures for patients throughout their lifecycle.

- **Learning Objective/Competency #12:** Graduates must be competent to recognize and manage malocclusion in the primary, mixed and permanent dentition.

- **Learning Objective/Competency #13:** Graduates must be competent in following codes, rules, laws and regulations that govern the provision of oral health services.

- **Learning Objective/Competency #14:** Graduates must be competent in infection control procedures designed to prevent transmission of infectious diseases between patients, staff, dental health care providers, and the dental laboratory.

- **Learning Objective/Competency #15:** Graduates must be competent in patient management and interpersonal skills.

- **Learning Objective/Competency #16:** Graduates must be competent in the fundamental elements of managing a dental practice.

- **Learning Objective/Competency #17:** Graduates must be competent to evaluate critically and to incorporate new dental procedures when these procedures have been shown to be effective.

- **Learning Objective/Competency #18:** Graduates must be competent in the evaluation of the outcomes of treatment from a clinical and patient-based perspective.