

# School of Dentistry

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## From the Dean

Marquette University School of Dentistry is pleased to present you with its 2017–2018 bulletin. The School of Dentistry continues to meet the challenges and to grow through the exciting opportunities found in contemporary dental education. In doing so we reaffirm our institutional commitment to provide the finest dental education possible, based on a tradition that invites innovation, and fosters growth and ongoing progress.

Contemporary dental education requires us to adopt new paradigms of instruction and learning, thereby creating an enriched academic, research and clinical culture — preserving the best of the past while integrating the opportunities and challenges of the future. Welcome!

William K. Lobb, D.D.S., M.S., M.P.H.

Dean  
School of Dentistry

## Vision

The Marquette University School of Dentistry strives to be a premier academic oral health center.

## School of Dentistry Mission Statement

The Marquette University School of Dentistry is committed to excellence in education, research and service, resulting in high quality oral health care.

## Dental Competencies

The curriculum of the School of Dentistry is competency based. Competencies are the end products of clinical training and experience that represent the ability to independently perform or provide a particular, but complex, service or task. Students who have achieved competence in all areas should be qualified for the safe, independent practice of dentistry. Defined competencies serve as the goals for the dental program at the School of Dentistry. The school educates and trains a technically competent, socially sensitive practitioner of dentistry who adheres to the highest standards of professional conduct and ethics. The new dental graduate must demonstrate solid problem-solving skills, be biologically oriented and function effectively as a member of the nation's health care delivery system. To meet this purpose, it is necessary to identify the knowledge and skills graduates must possess to be able to promote the oral health of patients. These competencies identify and organize the knowledge and skills that graduates of the School of Dentistry must acquire to become competent and caring dentists who treat the whole patient.

Graduates of the School of Dentistry must be able to:

1. Apply legal and ethical principles to the provision of oral health care services, with an understanding of the professional obligation to the patient.
2. Using a patient-centered, humanistic approach, apply appropriate communication and behavioral principles to effectively interact with diverse populations, including patients from various cultural backgrounds, special needs, and in varying stages of the lifespan.
3. Provide care for all patient populations including patients from various cultural backgrounds, special needs and in varying stages of the lifespan emphasizing prevention of oral diseases and promoting the maintenance of existing systemic and oral health of individuals, families and groups in the community.
4. Gather, evaluate and integrate the best available research and biomedical science knowledge to facilitate an evidence-based approach to the diagnosis and management of oral health care.
5. Apply the basic principles and philosophies of practice management, models of oral health care delivery, and provide leadership to the dental health care team.
6. Gather all pertinent patient information from history, interview, clinical examination, and appropriate diagnostic tests to accurately diagnose oral diseases, identify risk factors, and determine prognosis.
7. Recognize pathological hard and soft tissue abnormalities of the orofacial region that require monitoring, treatment, or management.
8. Apply critical thinking and problem solving skills to develop comprehensive treatment plans and obtain informed consent for the accepted treatment option.
9. Monitor and evaluate therapeutic outcomes and utilize the results to reassess and modify initial diagnosis and treatment.
10. Recognize and manage medical emergencies and provide basic life support interventions when needed.
11. Recognize and manage dental emergencies.
12. Manage pain and anxiety utilizing pharmacological and non-pharmacological methods.
13. Restore teeth to proper form, function, and esthetics using appropriate treatment strategies.

14. Restore partial or complete edentulism to proper form, function, and esthetics with fixed or removable prostheses including implant procedures using appropriate materials and techniques and by managing the associated laboratory procedures.
15. Complete a periodontal evaluation, assessment and treatment of early and moderate forms of periodontal disease and manage advanced periodontal disease with a clear recognition of the end points of therapy.
16. Complete an endodontic evaluation, assessment and treatment of uncomplicated endodontic cases.
17. Complete a surgical evaluation, assessment and treatment of uncomplicated cases and manage complicated oral surgical cases.
18. Complete an orthodontic evaluation, assessment and space management analysis of patients differentiating between minor and major malocclusions.
19. Complete a self-assessment of skills, performance, and knowledge for the construction of a personal development plan to improve professional competencies.
20. Communicate and collaborate with other members of the intra and interdisciplinary health care team to facilitate the provision of health care for all patients.

## **Degrees Offered**

### **Doctor of Dental Surgery**

The degree of Doctor of Dental Surgery is conferred upon completion of the four-year curriculum. The candidate must demonstrate competency as defined in "Dental Competencies". In addition, the candidate must have successfully completed all course work and have met all graduate requirements.

### **Master of Science**

The School of Dentistry offers graduate programs in dental biomaterials, endodontics, orthodontics, periodontics, and prosthodontics. These programs can be modified to allow conjoint interdisciplinary graduate work to be undertaken in any other unit of the university.

### **D.D.S./M.S. Option**

The School of Dentistry also offers a D.D.S./M.S. option. These programs provide a unique opportunity for interested and qualified students to enroll in an M.S. degree program while completing their Doctor of Dental Surgery (D.D.S.) degree. The degrees can be earned in any appropriate degree-granting department of the university.

The advanced degree programs at Marquette are administered in close cooperation with the Graduate School. Students may apply for formal entry into the programs any time before the end of their sophomore year. If accepted to the programs, the School of Dentistry assists students in formally applying to the Graduate School for acceptance to a program such as: business administration, informatics and computer science, public service, education, healthcare technologies management, and psychology. Students must follow the normal competitive admissions process and fulfill all requirements of the graduate program, department or college from which they seek the degree.

## **Academic Accreditation**

The School of Dentistry and its recognized advanced education programs are approved by the Commission on Dental Accreditation of the American Dental Association. The School of Dentistry is a member of the American Dental Education Association.

## **Location**

The School of Dentistry is located at 1801 West Wisconsin Ave., Milwaukee, WI 53233. The phone numbers for the School of Dentistry are (414) 288-3532 and (800) 445-5385. A map and directions to the School of Dentistry can be found at <http://g.co/maps/yf5dk>