

Graduate Programs

Master of Science Program in Clinical Research/Ph.D. Program in Epidemiology

The Department of Epidemiology and Health Promotion has two graduate-level programs: a Ph.D. Program in Epidemiology and an M.S. Program in Clinical Research. The Ph.D. program, now in its eleventh year, is funded by the National Institute of Dental and Craniofacial Research (NIDCR) at the National Institutes of Health (NIH) and prepares dentists for academic and research careers in oral epidemiology. It is a five-year program of study in which the Postdoctoral Fellows obtain a Ph.D. degree in epidemiology

from either Columbia University, Yale University, or Johns Hopkins University while gaining teaching and research experiences within the dental school environment.

The M.S. Program in Clinical Research is a two-year program of study intended to train independent clinical investigators from a variety of health fields, including dentists, physicians, nurses, and pharmacists, as well as individuals from industry and health product companies.

Master of Science Program in Biology/Oral Biology

The faculty of the Oral Biology Program at the College of Dentistry, through the Graduate School of Arts and Science, Department of Biology, offers courses and a program of research leading to a Master of Science degree in biology with a concentration in oral biology. This program, alone or combined with advanced clinical training, is open to full- and part-time students. The purpose of the program is to provide a comprehensive foundation in areas of modern oral biological sciences appropriate for careers in teaching, research, and industry. The program offers

opportunities to specialize in areas such as oral cancer, connective tissue biochemistry, oral immunology, periodontal microbiology, chemical carcinogenesis, molecular genetics of craniofacial development, mechanisms of mineralization, periodontal wound healing, salivary protein biochemistry, taste mechanisms, and tumor immunology. The courses are taught at the College of Dentistry in the above areas of research and are supplemented with pertinent basic courses offered in the Graduate School of Arts and Science.

Master of Science Program in Biomaterials

As part of a cooperative program between the NYU Graduate School of Arts and Science and the Polytechnic University, the faculty of the Department of Biomaterials and Biomimetics at the College of Dentistry offers a course of study leading to the Master of Science degree in biomaterials. The purpose of the program is to educate and train students in the fundamentals of structure and property of biomaterials relevant to dentistry and

medicine and to prepare graduates for careers in teaching, research, and industry. Current areas of research activity include dental restorative materials, dental and orthopedic implants and coatings, and bone graft biomaterials. The program is available to part-time and full-time students and is open to any applicant with a dental degree or a baccalaureate degree in science or engineering from an accredited institution.