THE **UF COLLEGE OF DENTISTRY**
INVITES APPLICATIONS FOR A FACULTY POSITION AT THE

Assistant, Associate or Full Professor rank

SPECIALIZING IN THE DEVELOPMENT AND APPLICATION OF
ARTIFICIAL INTELLIGENCE-POWERED INSIGHTS IN ORAL HEALTH CARE
DECISION-MAKING AND PRECISION HEALTH.

Successful applicants

will join the UF College of Dentistry and be a part of the University of Florida's (UF) Artificial Intelligence (AI) Initiative. The UF AI initiative is supported by a $70 million investment and implementation of the most powerful AI supercomputer in higher education in the world. UF is hiring 100 new faculty members, including one dedicated to applying AI power to help solve oral health challenges in the College of Dentistry.

UF Health

is the largest integrated academic health center in the country with colleges of Medicine, Pharmacy, Nursing, Dentistry, Public Health and Health Professions, and Veterinary Medicine, as well as UF Health and the Veterans Affairs Medical Center, with over 2,400 faculty.

Applicants

should specialize in predictive analytics, risk stratification or causal inference methods to develop evidence and tools for decision support in clinical and other public health settings. Applicants will have expertise in the use of large healthcare data and a doctoral degree in the health sciences, computer science, engineering, or related disciplines. Application review will begin in March 2021 and continue until the positions are filled.

To submit an application packet, which includes a CV, cover letter, and list of references, go to https://facultyjobs.hr.ufl.edu/ and search by Job #70950.

Please indicate in your cover letter that you are interested in the dentistry AI position so your materials are routed to the right area for consideration.

AI at the UF College of Dentistry

UFCD will use AI/ML approaches to improve patient outcomes and prognosis for patients who have pre-malignant or malignant lesions in the oral cavity and jaws, and use known risk factors and correlating appearance of intraoral lesions with genomic markers and histopathology.

The college is researching the use of AI neural networks to identify patterns of gene expression associated with the development of oral diseases, such as periodontal diseases and head and neck cancers, and integrate them with other 'omics' data.

Dentistry is part of an ongoing interdisciplinary program with the colleges of, nursing, public health and health professions, and engineering using virtual patient simulation to strengthen interprofessional teams to address health care disparities. In addition, we plan to use AI, machine learning and deep learning methods to assess the effectiveness of digital technologies such as Computer-Aided Design/Computer-Aided Manufacturing software to improve the accuracy of student's self-assessment and student/faculty agreement in critical skills.

For more information

contact search committee co-chairs:
Chris Harle, PhD: charle@ufl.edu
Patrick Tighe, MD, MS: ptighe@ufl.edu

UF UNIVERSITY of FLORIDA