

Assistant Professor
University of North Carolina, Chapel Hill

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Job Title	Assistant Professor
Department	Department of Orthodontics and the Biomedical Research Imaging Center (BRIC)
Institution	University of North Carolina, Chapel Hill Chapel Hill, North Carolina
Date Posted	Apr. 5, 2018
Application Deadline	Open Until Filled
Position Start Date	June 2018
Job Categories	Assistant Professor
Academic Field(s)	Orthodontics Oral Radiology
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Job Description

Full Time Faculty in Orthodontics and BRIC

The University of North Carolina at Chapel Hill (UNC) School of Dentistry invites applications for a full-time, tenure track, Assistant Professor position in the Department of Orthodontics and the Biomedical Research Imaging Center (BRIC). Both the orthodontic program and BRIC exist in a rich environment within a prestigious academic health center, a superb public university and an attractive college town atmosphere adjacent to the Research Triangle Park. We are seeking an outstanding clinician-scientist or scientist with academic experience, who will be expected to develop an independent, outstanding and sustainable research program focusing on novel machine learning platforms within the orthodontic department to advance clinic and research of orthodontics in the 21st century. Experience on dental CBCT segmentation/landmark detection or reference model estimation is highly desirable. Candidates with machine learning background on image analysis are particularly encouraged to apply. Strong

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knowledge on programming (good command of LINUX, C and C++, scripting, and Matlab) and on deep learning tools (Caffe, TensorFlow and Keras) and a strong track record of securing extramural research funds is highly desirable. The successful candidate will have a joint appointment in the BRIC and will participate in both Orthodontics and BRIC functions, such as faculty meeting, seminars, as well as research activity supervision. A record of scholarly activity in image-based precision medicine and dental research is desirable. Rank will be determined by applicant's qualifications and experience. Tentative starting date: June 1, 2018. Interested candidates should apply at the following link and attach a cover letter addressed to Search Committee Chair, current curriculum vitae, a statement of current and future research interests (if applicable), and names and full contact information of three professional references.

Educational Requirements: a Doctor of Philosophy or equivalent degree, and must have a minimum of three years of experience in research of medical imaging and demonstrated ability in obtaining extramural funding.

Contact Name and Title:

Feng-Chang Lin, PhD

Research Associate Professor and Search Committee Chair

919- 966-9431

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EEO/AA Policy

The University of North Carolina at Chapel Hill is an equal opportunity, affirmative action employer and welcomes all to apply regardless of race, color, gender, national origin, age, religion, genetic information, sexual orientation, gender identity or gender expression.

Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact Feng-Chang Lin, PhD
Biomedical Research Imaging Center (BRIC)
University of North Carolina, Chapel Hill



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