

Radiology Research Fellowship in Cancer Imaging and Radiomics

Department of Radiology, Northwestern University, Chicago, IL, USA

The Quantitative Imaging Core Lab (QICL) of Department of Radiology at Northwestern University Feinberg School of Medicine seeks a full-time Radiology Research Fellow. This position is ideal for candidates who have completed medical school and a radiology residency. It offers great opportunities to work in a first-rate academic environment conducting interdisciplinary research at the intersection of oncologic and quantitative imaging.

We are seeking a highly motivated individual with an accomplished background in oncologic imaging research, including experience in quantitative imaging and radiomics. Familiarity with medical imaging methods, including CT, MRI and PET/CT is expected. Research topics include development of new imaging biomarkers for assessment of tumor response to therapy, imaging-based tumor diagnostics and classification, as well as validation and reproducibility of imaging methods and quantitative techniques. Quantitative and analytical skills with competency in statistical analysis will be highly appreciated. Excellent written and verbal English communication skills desired given the frequent discussions with different research fields, e.g. radiology, hepatology, pathology, statistics and computer science.

Expected starting date – August 1, 2022. The position will remain open until filled. This offer of fellowship and the start date are subject to change depending on the COVID-19 situation.

To apply, please submit a cover letter describing your interest and alignment with the position, Curriculum Vitae and list of scientific publications to Dr. Yuri Velichko (y-velichko@northwestern.edu). Please include a list of referee names who could write letters of reference on your behalf.

Northwestern University is an Equal Opportunity, Affirmative Action Employer of all protected classes, including veterans and individuals with disabilities. Women, racial and ethnic minorities, individuals with disabilities, and veterans are encouraged to apply. Hiring is contingent upon eligibility to work in the United States.