



STANFORD UNIVERSITY SCHOOL OF MEDICINE

Department of Medicine

Stanford University Medical Center
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November 6, 2018

Dear Colleague:

I am writing to ask your help in identifying candidates for a faculty position, as detailed below. The Department of Radiation Oncology and the Quantitative Sciences Unit (QSU) in the Department of Medicine's Center for Biomedical Informatics Research at Stanford University School of Medicine seek a quantitative scientist to join the faculty at the Assistant, Associate, or Full rank on the Research Line. The major criterion for appointment for faculty in the Non-Tenure Line (Research) is evidence of high-level performance as a researcher for whose special knowledge a programmatic need exists.

Applicants should have a Ph.D. in Biostatistics, Statistics, or a related field and an outstanding record doing collaborative biostatistics, with an emphasis in oncology. Areas of methodological expertise may include computational biology, imaging analysis, genomics, epidemiology, prediction modeling, survival analysis, trial design, causal inference, bioinformatics, and clinical informatics.

We expect the successful candidate to engage primarily in collaborative research and to develop an independent research agenda in the development of methods directly stemming from collaborative work. Specifically, the candidate will help to programmatically build research infrastructure in the Department of Radiation Oncology and will serve as the quantitative leader on a number of studies initiated by investigators in Radiation Oncology, which will involve developing novel experimental designs, designing new methods, and mentoring junior data scientists in team science as well as clinical and translational investigators in research methods. The candidate is expected to identify and resolve methodological issues that arise in collaborative research, as a major expectation is to develop a research program in methodological areas that will directly benefit the candidate's collaborative research and that will improve research methods for other quantitative scientists engaged in clinical and translational work.

Criteria for the position include evidence of the potential to obtain peer-reviewed research funding, excellence in collaborative biostatistics, teaching, and mentoring appropriate to the programmatic needs of the QSU and the Department of Radiation Oncology.

Stanford is an equal employment opportunity and affirmative action employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, protected veteran status, or any other characteristic protected by law. Stanford welcomes applications from all who would bring additional dimensions to the University's research, teaching and clinical missions.

Applicants will be considered on a rolling basis until the position is filled.

Candidates should submit a cover letter of interest, curriculum vitae, and research statement to (please include Reference Number 56530 in the e-mail subject line to expedite review):

Manisha Desai
Professor of Medicine
c/o Rad Onc Faculty Affairs point of contact (Viviana Cois)
Department of Radiation Oncology
875 Blake Wilbur Drive | MC 5847
Stanford, CA 94305 or via email to vcois@stanford.edu

Sincerely,

Manisha Desai, MD
Professor of Medicine and of Biomedical Data Science
Search Committee Chair