Colton-CDS Faculty Fellow

New York University: NYU - Domestic: Center for Data Science

Location
New York

Open Date
Nov 4, 2020

Description
The Center for Data Science (CDS) and the Colton Center at New York University (NYU) invite an application for a joint Faculty Fellow position to lead complex analysis projects in the field of autoimmune disease, developing and applying methods in data science such as machine learning to understand the underlying biology of autoimmunity and inflammation.

We offer a generous compensation package, funds to support research and travel, and will aim to offer access to NYU faculty housing. Review of applications begin in December 2020, and the extension of fellowship offer will be around February 2021.

CDS is the focal point for NYU’s university-wide initiative in data science and statistics, established 7 years ago, and one of the country’s leading data science research and training facilities. CDS is a vibrant space with 17 jointly appointed faculty (growing to over 20 in the next two years) and 11 associated faculty across computer science, mathematics, engineering, neuroscience, linguistics, politics, psychology, physics, biology and business; a list of affiliate faculty spanning a wide range of NYU’s schools and departments, a highly successful Master’s program and one of the first Data Science PhD programs as well as the new undergraduate program in data science. CDS’ research focuses on tools and methods at the intersection between applied mathematics, data science, high-dimensional statistics, machine learning, optimization, and several data-driven application areas.

At NYU Langone's Judith and Stewart Colton Center for Autoimmunity, physicians and scientists collaborate on research to better understand the immunological basis of autoimmunity and develop new diagnostic tools and treatments for people with autoimmune diseases. The Center aims to foster transformative discoveries about the environmental triggers and immunological events that
characterize autoimmune disease onset. The Center’s approach to translational research builds on a tradition of strong basic and clinical sciences, and well-characterized patient cohorts. Studies from the Judith and Stewart Colton Center for Autoimmunity have investigated a number of autoimmune diseases, including systemic lupus erythematosus, rheumatoid arthritis, psoriatic arthritis, ankylosing spondylitis, Behcet’s syndrome, inflammatory bowel disease, multiple sclerosis, and myasthenia gravis.

This is a full-time, non-tenure position, with a light teaching load of one (1) CDS course per year as the primary instructor. You will also be expected to participate in service activities of the Center for Data Science (such as helping review admissions applications, committee work, etc.). Appointments will be for one year. Fellows will be offered competitive salary and benefits, with funds to support research and travel. A start date of September 1, 2021 is planned.

Application Instructions
Applicants must possess a doctorate degree in a relevant field. Please submit your curriculum vitae, a list of publications, and a brief statement of research interests (no longer than 2 pages).

Applicants should also arrange to have three letters of recommendation (to be submitted by the reference writers) by the due date. Applications received by December 23, 2020 will receive full consideration. Any questions may be directed to our Director of Administration and Operations, Remi Moss, who can be reached at: remimoss@nyu.edu.
Equal Employment Opportunity Statement

NYU is an Equal Opportunity Employer and is committed to a policy of equal treatment and opportunity in every aspect of its recruitment and hiring process without regard to age, alienage, caregiver status, childbirth, citizenship status, color, creed, disability, domestic violence victim status, ethnicity, familial status, gender and/or gender identity or expression, marital status, military status, national origin, parental status, partnership status, predisposing genetic characteristics, pregnancy, race, religion, reproductive health decision making, sex, sexual orientation, unemployment status, veteran status, or any other legally protected basis. Women, racial and ethnic minorities, persons of minority sexual orientation or gender identity, individuals with disabilities, and veterans are encouraged to apply for vacant positions at all levels.

Sustainability Statement

NYU aims to be among the greenest urban campuses in the country and carbon neutral by 2040. Learn more at nyu.edu/sustainability