CDS Moore-Sloan 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) at New York University (NYU) invites applications for its highly prestigious CDS Moore-Sloan Faculty Fellow positions. Building on the success of the Moore-Sloan Fellows program, CDS has created a Faculty Fellow program to continue to develop outstanding researchers in Data Science. Alumni of the distinguished Moore-Sloan Fellowship program have secured top-level academic positions or industry jobs.

CDS currently anticipates to have several Faculty Fellowship positions available for start in Fall 2021. Given the prestigious nature of the position, 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 will start in December 2020, and the extension of fellowship offers will begin in 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's 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.
The CDS & Moore Sloan Faculty Fellow will be expected to work at the boundaries between the data-science methods and domain sciences. They are also encouraged to develop collaborations with faculty at CDS and NYU. They will lead independent, original research programs with impact in one or more scientific domains and in one or more methodological domains (computer science, statistics, and applied mathematics).

We seek outstanding interdisciplinary researchers with expertise in the methods of data science possibly with application in physical, life, or social science as well as with connection to healthcare and climate science. The program recognizes that rapid advances in our ability to acquire and generate data are transforming all fields of discovery from data-poor to data-rich. A significant bottleneck to discovery is our ability to perform inference over heterogeneous, noisy, and often massive datasets. Successful candidates will bring a research agenda that can take advantage of the unique intellectual opportunities afforded by NYU, and will have experience in working with researchers across different fields.

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. Please submit your curriculum vitae, a list of publications, and a brief statement of research interests (no longer than 4 pages).

The statement of research interests should mention the names of one or more faculty members at the NYU Center for Data Science who would have substantial intellectual overlap with the applicant’s interests and likely program of research. More information about relevant faculty members can be found on our Faculty page. (https://cds.nyu.edu/jointfaculty/)

Applicants should also arrange to have three letters of recommendation (to be submitted by the reference writers). Applications received by December 23, 2020 will receive full consideration. Any questions may be directed to our Director of Administration and Operations, Remi Moss (https://cds.nyu.edu/staff-bios/#remi).
Application Process
This institution is using Interfolio's Faculty Search to conduct this search. Applicants to this position receive a free Dossier account and can send all application materials, including confidential letters of recommendation, free of charge.

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Equal Employment Opportunity Statement
For people in the EU, click here for information on your privacy rights under GDPR: www.nyu.edu/it/gdpr (http://www.nyu.edu/it/gdpr)

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