Yale’s Institute for Foundations of Data Science (FDS) is seeking applications for postdoctoral positions in Data Science. These will be generously supported postdoctoral positions, expected to last 2-3 years, for independent scholars working on the foundations of data science. FDS postdocs can select multiple mentors from among the members of the institute, and can change their mentors during their fellowship. This is an opportunity to work with leading theorists as well as domain scientists who are eager to collaborate. A list of the members may be found on our web page, fds.yale.edu. Yale’s Data Science Initiative has supported the rapid growth of the departments of Statistics & Data Science and Computer Science, as well as many interdisciplinary activities in which the postdocs could participate, including a Data Intensive Social Science Center, a center for Biomedical Data Science, and the Schmidt Program on Artificial Intelligence, Emerging Technologies, and National Power.

FDS launches in October of 2022, and will move into a newly renovated Kline Tower in the summer of 2023 along with the departments of Statistics & Data Science, Mathematics, and Astronomy. The institute was created to advance research in the mathematical, algorithmic, and statistical foundations of data science and their application to other disciplines. In addition to providing support to core foundational research, the institute hosts activities to help scholars across the university apply new methods of data science to their research. In turn, those scholars help us discover their unmet needs and thereby inspire the development of new methods and theories. Applying: Applicants should submit a cover letter, a curriculum vitae, and a research statement. The cover letter should list Yale faculty the applicant views as potential mentors. At least one of these should be a member of the institute. Applicants should arrange for the submission of three to five letters of recommendation. Creating a public Google Scholar page and an academic webpage is strongly encouraged. Timeline: Postdoctoral appointments typically begin in July or September. But, other arrangements are possible. We will review applications on a rolling basis. Those received before November 15, 2022, will be reviewed in the Fall. Those received later may have less of a chance of acceptance. The last review should conclude in May 2023. Funding: The yearly salary for the postdoctoral fellows is $95,000. They will also be supplied with a $10,000 / year fund to cover travel and research expenses. Yale University is an Affirmative Action/Equal Opportunity employer. Yale values diversity among its students, staff, and faculty and strongly welcomes applications from women, persons with disabilities, protected veterans, and underrepresented minorities. Questions may be sent to FDS Managing Director Tom Keegan at Thomas.keegan@yale.edu

Application Materials Required:

- Cover letter
- Curriculum Vitae
- Research statement
- Three reference letters