Columbia Business School
AT THE VERY CENTER OF BUSINESS™

Staff Associate - Finance Division

Columbia Business School is seeking to hire one or more Research Staff Associates (Predoctoral Fellow) for the finance division. The work will include quantitative and qualitative research and analysis, collection, coordination and management of information and data, development of research materials, and work on special projects relating to the research areas within the division. This position provides an opportunity to gain experience in academic business research, with a special focus on fields such finance, economics, statistics, and data science; and, would be ideal preparation for a PhD program or other graduate study. This is a two-year position starting July 1, 2020 with a possible extension to a third-year.

The Research Staff Associate duties involve work in one or more of the following areas of research: finance, economics, and statistics. Specific duties include:

- Collect, clean, and maintain computer data sets and databases. Assist with data entry and ensure data integrity. Extract and link data from multiple databases for analysis. Prepare detailed documentation.
- Develop models and implement program code (STATA, Python, SQL, R, SAS, Matlab, etc.).
- Perform statistical analysis, including regression analysis and machine learning techniques.
- Assist with data analysis and dissemination of findings through the preparation of reports, journal articles, presentations, web sites, and other research outlets.
- Perform case-based research, including work with detailed primary documents.

Applicants for Staff Associate position are expected to have the following:

- Programming experience in STATA is required. Strong preference for those who also know Python.
- Additional programming experience in one or more of the following languages: R, SQL, SAS, Matlab, and/or C++ is preferred.
- Familiarity with statistical tools such as linear regression is required.
- Familiarity with text parsing and analysis (natural language processing) and/or machine learning techniques is preferred.
- Demonstrated exceptional written and oral communications skills needed – writing sample is required.
- Candidate must be organized and able to work on multiple projects simultaneously.
- At least 6 months of research experience in a research role as a research assistant during the academic year or a summer internship in a research lab or governmental institution such as the NY Fed.
- Bachelor's degree in Economics or in a quantitative discipline such as Engineering, Computer Science, Mathematics, Statistics, with Economics coursework (including the econometrics sequence).

The Staff Associate may work with the one or more of the following faculty: Simona Abis, Tania Babina, Charles Calomiris, Olivier Darmouni, Xavier Giroud, Gur Huberman, Wei Jiang, Anton Lines, Michaela Pagel, Yiming Ma, Paul Tetlock, Kairong Xiao, and others. For a complete list of all faculty and their research interest: https://www8.gsb.columbia.edu/faculty-research/divisions/finance/faculty).

Columbia University is an Equal Opportunity/Affirmative Action employer. Women and minorities are especially encouraged to apply.

The application must include your CV, transcripts, writing sample, and three reference letters.

Please visit our online application site at the Columbia University RAPS site (or copy and paste the URL below) for further information about this position and to submit your application:
http://pa334.peopleadmin.com/postings/4468