



**Job Title:** Senior Research Specialist I

**Department:** Julis-Rabinowitz Center for Public Policy & Finance

**Start Date:** July 1, 2021

**Position Summary:** The Research Specialist will assist a group of economics and finance faculty members (including Atif Mian, Adrien Matray, David Schoenherr, Natalie Cox, Moritz Lenel, Jonathan Payne, and Motohiro Yogo) in various aspects of their research. The research projects address questions in macroeconomics, finance, and public policy. The position involves a variety of tasks that provide preparation for graduate school, such as: managing large data sets, statistical programming and data visualization, conducting literature reviews, summarizing research findings, and editing research papers. The senior research specialist will work under the general direction of 2-3 faculty or postdoctoral supervisors and may also work collaboratively with at least one other senior research specialist.

In addition to working closely with faculty, senior research specialists participate in the vibrant academic life of Princeton University, including auditing classes, attending seminars, and interacting with undergraduate and graduate students and postdoctoral fellows at the Center.

This position is ideal for graduating seniors or masters' students interested in pursuing a Ph.D. in Economics after acquiring one or two years of full-time research experience. Following the completion of this position, previous research specialists have gone on to top Ph.D. programs at Stanford, MIT, Northwestern, London School of Economics, Columbia, Barcelona GSE, and U. of Maryland.

This is a one-year position with the possibility of renewal for a second year. The end date is dependent on the start date, which may vary, but will likely be during Summer 2021. The position is based in Princeton, NJ, but during the COVID-19 crisis, all work is remote.

**Essential Qualifications:**

- A Bachelor's degree in Economics, Applied Math, Computer Science, or significant advanced coursework in these areas
- Knowledge of statistics/econometrics;
- Experience with statistical programming in STATA;

### **Preferred Qualifications:**

- Graduate-level courses in economics and finance
- Excellent research and writing skills;
- Experience with R, Python, or Matlab;
- Familiarity with standard social science data sources
- Experience with LaTeX, Unix/Linux
- Knowledge of standard internet tools and HTML is desirable. Familiarity with standard social science data sources is desirable.

To Apply: <http://bit.ly/jrcppf-ra-job>

Applications will be reviewed on a rolling basis. Short-listed applicants will be invited to complete a technical exercise and an interview. Selected candidates will be required to successfully pass a background check.

### Candidates should upload the following:

- Cover letter and resume
- Indicate GRE scores on resume (if GREs taken)
- List of three references
- Transcripts from all previous academic programs
- A written research paper (undergrad thesis, term paper, etc.)
- Sample of code they've written (ideally for same paper)

Women and people from diverse backgrounds are warmly encouraged to apply.

Princeton University is an [Equal Opportunity/Affirmative Action Employer](#) and all qualified applicants will receive consideration for employment without regard to age, race, color, religion, sex, sexual orientation, gender identity or expression, national origin, disability status, protected veteran status, or any other characteristic protected by law. [EEO IS THE LAW](#).

### SCREENING QUESTIONS

1. How many months (or years) of previous experience with quantitative research methods in economics do you have in an academic or research environment (think tank, non-profit, reserve bank or the like)?
  - a. 3-months or less
  - b. 1-year or less
  - c. 2-years or less

d. More than 2-years

2. Have you taken the following math classes in your undergraduate or Master's program:

- Linear Algebra (Yes/No)
- Differential Equations (Yes/No)
- Real/Complex Analysis (Yes/No)

3. Have you taken any PhD level courses in economics? If so, please enter the course names:

- a. No
- b. Yes \_\_\_\_\_

4. What is the name of your undergraduate institution?

\_\_\_\_\_

5. Please list your areas of study as an undergraduate:

Major(s): \_\_\_\_\_

Minor(s)/concentration(s)/certificate(s): \_\_\_\_\_

6. Are you currently enrolled in a Master's degree program or have you already completed one? If yes, what is the name of your Master's degree institution?

\_\_\_\_\_

7. If applicable, please list your area of study as a master's student:

Major: \_\_\_\_\_

Minor /concentration/certificate: \_\_\_\_\_