



Science in Service
of Cities.

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Job Title: Senior Research Analyst

Who We Are

By 2050, the global urban population will nearly double to 6.4 billion. This unprecedented growth in the global urban population creates incredible opportunities but also intensifies the most difficult problems cities face, such as concentrated poverty, crime, poor-quality schooling, and pollution. The University of Chicago founded Urban Labs to help address these challenges. Urban Labs is a set of highly synergistic labs focused on undertaking inquiry and having impact on five essential dimensions of urban life: crime, education, health, poverty, and energy & environment. Urban Labs partners with cities to identify and rigorously evaluate the policies and programs with the greatest potential to improve human lives at scale. Urban Labs' evidence-based approach gives policymakers and practitioners the knowledge they need to effectively achieve the greatest social good per dollar spent.

In sum, UChicago Urban Labs:

- Identifies promising solutions to urban challenges
- Tests the most promising urban policies and programs
- Scales-up the most effective and cost-efficient policies and programs

For more information about the UChicago Urban Labs, go to <http://urbanlabs.uchicago.edu/>

The Role:

The UChicago Crime Lab and Urban Education Lab are seeking a Senior Research Analyst with strong technical skills to work on large-scale social policy experiments designed to test the effectiveness and cost-effectiveness of youth violence prevention and educational interventions. The Senior Analyst will work on a small portfolio of projects across the areas of both criminal justice and education, develop and manage processes and procedures for collaborative data access and use, and support broader organizational development activities.

The successful candidate will have experience in applying a variety of statistical modeling approaches to large datasets in real-world settings. From project inception to delivery, the Senior Research Analyst will contribute to all facets of data collection & cleaning, model

development, and implementation. This position requires an individual who is able to work as a part of small research teams running multiple projects concurrently, and can work with multiple departments across the organization to implement ideas. The position offers the opportunity to work directly with leading social policy researchers, at the University of Chicago and NYC-area universities, local city agency staff, as well as a team of administrative staff, other analysts, research managers, and student research assistant.

Responsibilities:

- Lead data analysis and management on a small portfolio of research projects by cleaning, merging, matching, sampling, modeling, and randomizing data
- Prepares results for memos, spreadsheets, and presentations targeting both policymakers and academic researchers
- Serves as an in-house expert for one or more key administrative datasets, and advises research staff to ensure consistent use of data
- Provides consultation to staff on advanced statistical techniques such as randomization, power calculations, data transformations, econometrics, etc.
- In partnership with Associate Director of Data and Analytics, Research Directors, Executive Director, and/or Sr. Research Managers assists with internal coordination and management of data requests to partner agencies
- Support development and management of data operations, which could include quality assurance processes, creating code standards, and building templates and tools for data management and visualization
- Partner with the Talent Manager to help recruit, screen, and hire new talent, and create data exercises and other recruitment and onboarding tools
- Work with the management team on issues of organizational development and leadership, potentially including identifying areas for staff development and professional development
- May supervise other research staff and provide guidance on professional development, goal setting, and lab- or organization-wide opportunities
- Other duties as assigned

Competencies:

- Strong interest in social policy required
- Strong quantitative skills required
- Strong written and verbal communication skills required
- Ability to manage multiple projects simultaneously and meet tight deadlines required
- Excellent organizational skills and attention to detail required
- Excellent data visualization ability required
- Ability to work both independently and as a team member required
- Ability to work discretely with sensitive and confidential data required
- Knowledge and understanding of crime policy, violence and/or education research literature preferred

Education:

- Advanced degree preferred and Bachelor's degree required in economics, sociology, public policy, statistics, computer science, or a closely related field

Experience:

- A minimum of three years of relevant research experience required
- Experience working with Stata, R or other programming languages required

In addition, though none of the following are required for the position, candidates are encouraged to highlight experience in the following areas:

- Managing analytic staff
- Working with large, complex, and/or administrative datasets
- Working with field experiments or randomized controlled trials
- Program evaluation methods (e.g., difference-in-differences, propensity score matching, regression discontinuity)

To Apply: Please submit a resume, and cover letter to Workday, Requisition Number **JR01400**.

NOTE: when applying, all required documents **MUST** be uploaded under the **Resume/CV** section of the application.

- **If you have an active UChicago Workday employee account, you will need to complete the Internal Candidate application process. Internal Candidate instructions:** [Log into Workday](#) and select the career worklet.
- **External Candidates** should apply to the position at <https://uchicago.wd5.myworkdayjobs.com/en-US/External>
- **If you have questions about the Workday application system,** please contact: https://uchicago.service-now.com/sso?id=ssc_sc_cat_item&sys_id=cf359d671316660030c0bcaf3244b02d.

All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, age, protected veteran status or status as an individual with disability.

The University of Chicago is an Affirmative Action/Equal Opportunity Employer.