UCHICAGO URBANLABS

Science in Service of Cities.

urbanlabs@uchicago.edu
773 834 4292

33 North LaSalle Street
Suite 1600, Chicago, IL 60602
urbanlabs.uchicago.edu

Urban Labs Title: Research Analyst
Desired Start Date:
Reporting to: Associate Director of Data and Analytics

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 and Education Labs are seeking a Research Analyst with strong technical skills to work on large-scale social policy research projects designed to reduce crime and improve educational outcomes. The analyst will work on a portfolio of projects across a variety of areas that span both criminal justice and education.

The successful candidate will have experience in applying a variety of statistical modeling and data analysis techniques to datasets in real-world settings. From project inception to delivery, the 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. 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 assistants.

Urban Labs is not actively hiring Research Analysts at this time. However, as a growing organization, we are currently accepting Research Analyst applications in order to prepare for potential changes in staffing needs

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Duties and Responsibilities:

- Works with partners and members of the research team to propose and implement analytical approaches to solving specific research questions
- Cleans, transforms, merges, and matches between large and complex research and administrative datasets
- Builds statistical models for a variety of research projects
- Performs sampling, power analysis, and randomization
- Prepares results for memos, presentations, and academic papers targeting both policymakers and researchers
- Assists with literature reviews and drafting papers
- Other duties as assigned

Education

Bachelor's degree in economics, sociology, public policy, statistics, computer science, or a closely related field required; advanced degree preferred.

Experience

- A minimum of one year of relevant research experience required. Experience gained in school counts towards requirement.
- Experience working with R, Stata, SAS or other statistical 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:

- 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)
- Creating data visualizations
- Conducting power analysis
- Imputing missing data

Competencies

Strong interest in social policy required.

Strong quantitative skills required.

Ability to manage multiple projects simultaneously and meet tight deadlines required.

Excellent organizational skills and attention to detail required.

Ability to work both independently and as a team member required.

Ability to work carefully with sensitive and confidential data required.

Knowledge and understanding of crime, violence and/or education policy and research literature preferred.

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To Apply: Submit resume, cover letter, writing sample, and unofficial transcripts to Workday, requisition **JR00452**.

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.

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 specific Lab(s) at
https://uchicago.wd5.myworkdayjobs.com/en-US/External

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