Urban Labs Title: Embedded 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 is seeking an Analyst with strong technical and communication skills for a unique role working in close partnership with the Chicago Police Department (CPD) to enhance the Bureau of Detectives (BoD)’s capability to increase clearance rates for homicides and non-fatal shootings. The Analyst will split time embedded in three CPD Area Technology Centers (ATC) and the UChicago Crime Lab office in downtown Chicago. While in the ATCs the analyst will work alongside CPD officers and detectives to support technology improvements, data analysis, and best practices in investigations. Working as part of a larger Crime Lab team, the Analyst will analyze BoD data to identify historical trends, determine the effectiveness of new and existing initiatives, and enable the BoD to meet the needs of local communities – all in an effort to improve clearance rates for homicides and non-fatal shootings in Chicago.

The successful candidate will have experience in supporting law enforcement efforts in the field, or the capacity and interest to do so. The candidate should also be able to apply a variety of statistical modeling and data analysis techniques to datasets in real-world settings. 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.

The Analyst will work in the Urban Labs Loop office approximately 40% of the week and will be embedded in CPD stations the remaining 60% of the week. We expect to adjust these relative percentages over time.

Responsibilities
- Analyzes law enforcement data, including the creation of custom tables, charts, and maps utilizing information from multiple databases
- Provides technical assistance to detectives across a range of analytical tools and technologies
- Proposes and implements analytical approaches to solving specific research questions in collaboration with partners and members of the research team
• Cleans, transforms, merges, and matches between large and complex research and administrative datasets
• Prepares results for memos, presentations, and academic papers targeting both policymakers and researchers
• Present work to CPD command staff and partner agencies
• Other duties as assigned

COMPETENCIES
• Strong interest in social policy required
• Strong quantitative and technology skills required - must be able to explore data, research the data features to understand what they mean, and confirm that the data supports that understanding
• Strong written and verbal communication skills required
• Ability to 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 discretely with sensitive and confidential data required
• Knowledge and understanding of crime policy and/or violence research literature preferred.

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

EXPERIENCE
• Experience working with law enforcement analysis technologies strongly preferred
• Experience working with data to guide decision-making in public policy preferred

TECHNICAL KNOWLEDGE AND SKILLS
• EXPERIENCE WORKING WITH GIS, TABLEAU, OR OTHER DATA MAPPING AND/OR VISUALIZATION SOFTWARE PREFERRED
• Experience working with forensic analysis software preferred
• Experience working with Stata, SAS, R 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
To Apply: please submit a resume, cover letter, writing sample, unofficial transcripts, and three professional references to UChicago’s Workday system, requisition number JR006355. Please find instruction on how to access the application below.

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 at https://uchicago.wd5.myworkdayjobs.com/en-US/External

The University of Chicago is an Affirmative Action/Equal Opportunity/Disabled/Veterans Employer and does not discriminate on the basis of race, color, religion, sex, sexual orientation, gender identity, national or ethnic origin, age, status as an individual with a disability, protected veteran status, genetic information, or other protected classes under the law.

Staff Job seekers in need of a reasonable accommodation to complete the application process should call 773-702-5800 or submit a request via Applicant Inquiry Form.