



**ILLINOIS
CRIMINAL JUSTICE
INFORMATION AUTHORITY**

300 W. Adams Street • Suite 200 • Chicago, Illinois 60606 • (312) 793-8550

**Criminal Justice Specialist
Research and Analysis Unit**

The Illinois Criminal Justice Information Authority (“the Authority”), based in downtown Chicago, is seeking a qualified candidate for the position of Criminal Justice Specialist in the Research and Analysis Unit. Under the general supervision of the Center for Criminal Justice Data and Analytics manager, the Criminal Justice Specialist performs complex statistical analysis and data management on large files of criminal justice data in support of the Unit’s research and policy analysis agenda, and the Authority’s funding decisions. This includes performing various regression modelling techniques, including logistic regression, hierarchical linear modeling, time series, survival analysis and other related techniques, using SPSS and R, to answer complex research questions, produce analyses of crime trends, provide feedback on the performance of Authority grant-funded projects, and provide general statistical expertise to the Research and Analysis Unit. The Criminal Justice Specialist also reviews professional literature on criminology, social science, statistical methods and economic theory in order to design appropriate research methodologies and writes reports and articles to be published to the Authority’s website, and makes presentations of results and findings to various audiences upon request.

An ideal candidate would possess several of the following attributes:

- Master’s Degree or higher in statistics, economics, criminology, criminal justice, political science, psychology, sociology or other relevant discipline
- One year of experience conducting social science research, particularly that which involved multivariate data analysis
- Demonstrated proficiency in multivariate statistical analyses using SPSS and R, including experience in regression modelling, predictive analytics, and time series analysis
- Knowledge of Python or other computer programming languages a plus
- Ability to work independently on multiple projects with tight deadlines



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- Ability to clearly communicate complex concepts and statistical results for non-technical audiences

Interest should be expressed by email with cover letter and resume to Ms. Maria Espindola, Human Resources Coordinator, Illinois Criminal Justice Information Authority, Maria.Espindola@illinois.gov Application process closes on Thursday, November 10, 2016.

Created in 1983, the Illinois Criminal Justice Information Authority is a state agency dedicated to improving the state's criminal justice system. The Authority brings together key leaders from the justice system and the public to identify critical issues, and to propose and evaluate policies, programs, and legislation that address those issues.

The Illinois Criminal Justice Information Authority is an equal opportunity employer and has a strong institutional commitment to embodying the principle of diversity in all aspects of its operations. In that spirit, we encourage applications from all qualified individuals without regard to race, color, religion, gender, sexual orientation, age, marital status, disability, and veteran status.