



**ILLINOIS
CRIMINAL JUSTICE
INFORMATION AUTHORITY**

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

**Criminal Justice Specialist
Research and Analysis Unit
Clearinghouse and Analysis Center**

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 Criminal Justice Clearinghouse and Analysis Center manager, the Criminal Justice Specialist performs complex data management and statistical operations 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 the organizing, linking, updating and documentation of several large scale databases using SQL queries, and the performance of descriptive and predicative statistical analyses of criminal justice datasets using R, SPSS, Excel and other analytic software to answer complex research questions, produce analyses of crime trends, efficiently fulfill time-sensitive statistical information requests, and provide feedback on performance of Authority grant-funded programs. The Criminal Justice Specialist develops web-based statistical tools to make criminal justice data available to users on the Authority’s website, and works with the Unit’s researchers and agency’s webmaster to produce web-based research articles and charts. 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 criminology, criminal justice, political science, psychology, sociology or other relevant discipline
- Two years of experience conducting criminal justice research
- Experience with large-scale data record matching using SQL and Access



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- Demonstrated proficiency in multivariate statistical analyses using R and SPSS, including experience in Cox proportional hazards regression modeling, time series analysis, and cost-benefit analysis
- Knowledge of web technology (HTML/CSS/Javascript) a plus
- Ability to work independently on multiple projects with tight deadlines
- Ability to clearly communicate complex concepts and statistical results for non-technical audiences
- Must pass a criminal background check

Interest should be expressed by email with cover letter and resume to Ms. Maria Espindola, Coordinator, Office of Human Resources, Illinois Criminal Justice Information Authority, Maria.Espinola@illinois.gov Application process closes on Tuesday, May 17, 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.