

**Employer Name:** Mathematica  
**Position Title:** Research Assistant/ Programmer  
**Location:** Princeton, New Jersey, United States of America  
**Industry:** Research



**Job Description:**

The Selective Liberal Arts Consortium will hold its DC Recruiting Day in Washington, DC on Monday, January 6, 2020. Please be aware that travel is required to participate in this event, and interviews will take place on that date and at that location only. You will be notified by November 22nd if you have been selected to interview.

Please ensure that you have completed the work authorization status in your Handshake student profile as that will help you determine how closely you meet the employer's job/internship preferences.

Please note that interviews for that job will be informational.

We currently have openings for Research Assistant/Programmer in our Health Division in the following office locations: Woodlawn, MD; Washington, DC; Oakland, CA; Princeton, NJ; and Ann Arbor, MI. We are seeking intellectually curious programmers for our various Mathematica locations who are passionate about using data to answer research questions that influence decision making in U.S. health care policy. Individuals with an interest in confronting the challenges of processing and manipulating large, complex data sets as well as a desire to become a subject matter expert in health care data are strongly encouraged to apply.

*Responsibilities may include the following:*

- Working with large secondary data sources such as Medicare and Medicaid administrative claims data and survey data to effectively answer research questions about health care policy
- Interpreting requirements and specifications to develop performance measures based on cost and quality of care for evaluating the effectiveness of numerous health care policies
- Using a myriad of data sources to provide a comprehensive and rigorous assessment of the potential of creative ideas for service delivery and payment models to improve the health outcomes and well-being of patients, and to reduce spending for Medicare, Medicaid, and other payers
- Aptitude for interpreting data outputs and articulating findings to researchers and policymakers

*Qualifications:*

- 0 - 3 years of programming experience in a professional or academic environment using SAS, Stata, R, or a similar language.
- A bachelor's degree with a strong academic record in the social sciences (economics, public policy, sociology, political science, or government) or a related field

*Applicants must submit a cover letter, resume, transcripts (unofficial is okay), and writing sample or work product.*

We offer our employees a stimulating, team-oriented work environment, competitive salaries, and a comprehensive benefits package, as well as the advantages of employee ownership. We provide generous paid time off (and an on-site fitness center).

Various federal agencies with whom we contract require that staff successfully undergo a background investigation or security clearance as a condition of working on the project. If you are assigned to such a project, you will be required to obtain the requisite security clearance.

**Contact:** Nandini Sikdar (202)250-3588

**Duration:** Permanent

**Job Function:** Community & Social Services, Data & Analytics, Political Organizing / Lobbying

**Employer Description:**

Mathematica applies expertise at the intersection of data, methods, policy, and practice to improve well-being around the world. We collaborate closely with public- and private-sector partners to translate big questions into deep insights that improve programs, refine strategies, and enhance understanding using data science and analytics. Our work yields actionable information to guide decisions in wide-ranging policy areas, from health, education, early childhood, and family support to nutrition, employment, disability, and international development. We have offices in Princeton, NJ; Washington, DC; Seattle, WA; Oakland, CA; Cambridge, MA; Chicago, IL; Ann Arbor, MI; and Woodlawn, MD.

Mathematica offers our employees competitive salaries, and a comprehensive benefits package, as well as the advantages of being 100 percent employee owned. As an employee stock owner, you will experience financial benefits of ESOP holdings that have increased in tandem with the company's growth and financial strength. You will also be part of an independent, employee-owned firm that is able to define and further our mission, enhance our quality and accountability, and steadily grow our financial strength.

**Allowed School Years:** Senior, Alumni

**Allowed Major(s):**All Operations Management, Sport Business & Marketing, Business Administration & Management, Urban Planning, Law, Non Profit Management, Supply Chain Management, Family & Consumer Science, Finance & Financial Management, Insurance, Chemistry, Food Industry Management, Entrepreneurship, Forensics, Criminal Justice/Criminology, Actuarial/Risk Analysis, Accounting, Business Analytics, Social Work/Human Services, Marketing, Consulting, Human & Child Development, International Studies/Comparative Politics, Human Resources, Counseling, Anthropology, Sales, International Business, Parks, Recreation & Leisure Studies, Cognition & Neuroscience/Biopsychology, Retail & Hospitality Administration, Real Estate, and Physics majors

**Work Authorization:** US work authorization is required