Biostatistics (Master’s)
Career Outcomes
Classes of 2013-2018

Postgraduate Plans

100% Students with postgraduate plans within six months

82% Employment

18% Advanced Study

Employment Outcomes

48%

Graduate Location

2% West
7% Midwest
63% Northeast
10% Mid-Atlantic
14% International
4% Southeast

By Industry
- Industry
- Academic Institutions
- Healthcare
- Government

By Sector
- Non-profit 20%
- For-profit 75%
- Government 5%
**Sample Master’s Theses**

Causal Effect of HIV Serostatus Disclosure on Mortality and Loss to Follow-up After HAART Initiation Using Propensity Score

- Combining Routine Clinical Markers and Pooled Viral Load Strategy to Monitor Antiretroviral Treatment Failure in Resource Poor Settings
- Comparison of Methods for Handling Missing Outcome Data in Randomized Controlled Trials
- Local Sensitivity Assessment of Discrete-Time Cox Regression to Informative Censoring with Application to an HIV-Care Engagement Study
- Principal Manifolds of Middles: A Framework and Estimation Procedure Using Mixture Densities
- A Programmatic Evaluation of HealthPath, a Rhode Island Health Home for Privately Insured Individuals with Serious Behavioral Health Conditions
- Simulation-based Comparison of Methods for Meta-analysis of Single Proportions and Rates
- Using Contextual Information to Improve Clinical Reviews

**Sample Postgraduate Positions**

<table>
<thead>
<tr>
<th>Position (at Graduation)</th>
<th>Position (2-5 Years into Career)</th>
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</thead>
<tbody>
<tr>
<td>Data Scientist</td>
<td>Data Science Lead</td>
</tr>
<tr>
<td>Technical Analyst</td>
<td>Principal Statistician</td>
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<tr>
<td>Research Associate</td>
<td>Biostatistician/Health Science Specialist</td>
</tr>
<tr>
<td>Research Assistant</td>
<td>Data Scientist</td>
</tr>
<tr>
<td>Statistician</td>
<td>Project Manager</td>
</tr>
<tr>
<td>Biostatistician</td>
<td>PhD Candidate</td>
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<tr>
<td>Computer Programmer</td>
<td></td>
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<tr>
<td>Analyst</td>
<td>Manager of Reporting &amp; Analysis</td>
</tr>
<tr>
<td>Research Assistant</td>
<td>Statistical Programmer</td>
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</tbody>
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Explore our alumni profiles at brown.edu/go/biostatisticsalumni

**Sample Employers Hiring Brown Biostatistics Master’s Graduates**

- AMPATH
- Blue Cross Blue Shield
- Brown University Center for Evidence Synthesis in Health
- Celmatix
- Children’s Hospital of Philadelphia Research Institute
- Dana-Farber Cancer Institute
- Hasbro Children’s Hospital
- New York City Police Department
- Rush University Medical Center
- Spectrum Pharmaceuticals
- Tufts Medical Center
- United States Soccer Federation
- U.S. Census Bureau

**Career Services at Brown**

- Annual Biostatistics alumni career panel
- Resume and cover letter critiques
- Individualized career counseling sessions
- Year-round skill-building workshops
- Hundreds of on-campus recruiting opportunities
- Access to internships and alumni through BrownConnect
- Year-round networking and career exploration events...and more!