

# BU's BEST

## Biomedical Workforce Data 2019



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*These data can also be found online at [www.bu.edu/BEST](http://www.bu.edu/BEST).  
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# Labor Insight™

## *About*

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Labor Insight™ is software offered by Burning Glass® Technologies. This tool allows educational institutions and others to analyze the job market so as to identify demand for specific jobs as well as the skills and credentials employers are seeking to fill the jobs. The data also enable analysis of regional demand and job trends. The information allows educational institutions to plan programming to meet employer needs. Moreover, trainees can use the data to identify training opportunities that will best prepare them to achieve their career goals.

As the search engine is constantly updated, the trend data (job postings/year) reported here doesn't necessarily match the exact values reported in previous years. For the sake of consistency, each search was rerun for all the years reported (2011-2019) with the identical search terms so that the values can be compared with the most recent data.

## *Workflow*

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1. Craft a search based on various criteria: industry, job type, required credentials, skill demand, experience, location, etc.
2. View reports: top employers, top job titles, top job skills, education/credentials, job demand maps, job trends, etc.

## *Notes*

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All searches were performed such that the reported jobs require, prefer or suggest that the applicant earned a PhD.

## *Caveats & Disclaimers*

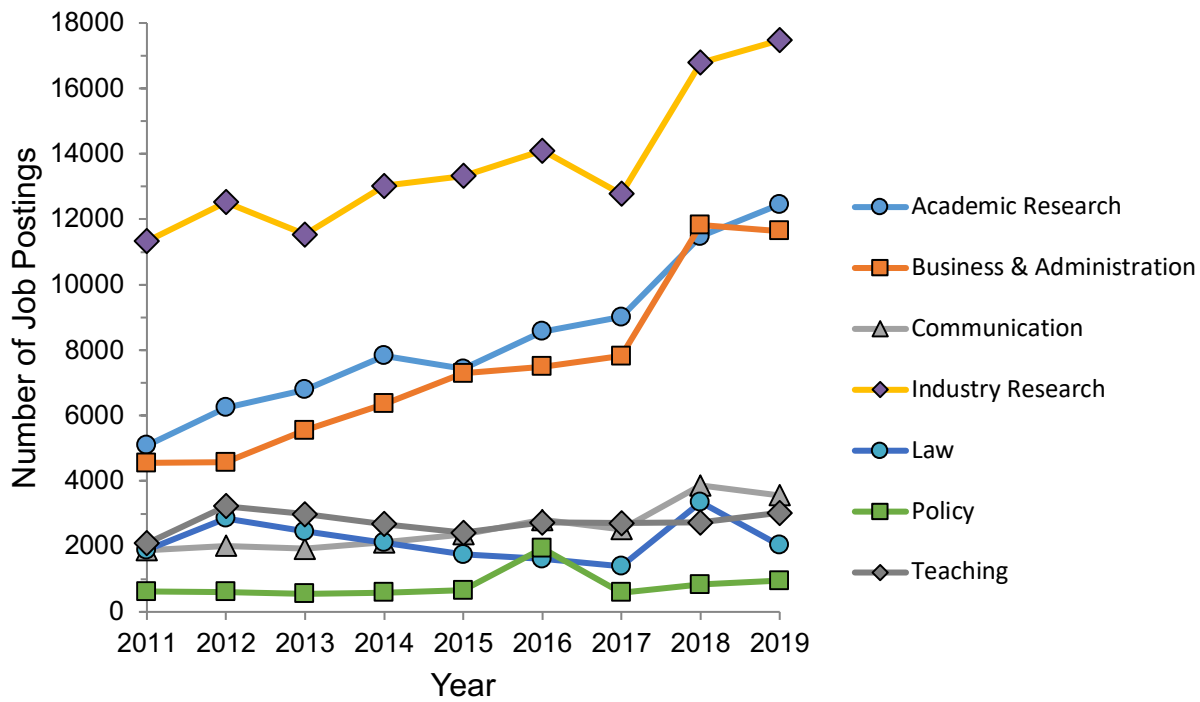
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Date ranges are January 2019 – December 2019 for job searches.

As the data are generated through job advertisements, small and mid-sized companies hiring small numbers of employees might not be listed in "top employers" but should not be ruled out.

# Career Paths: Job Trends Summary

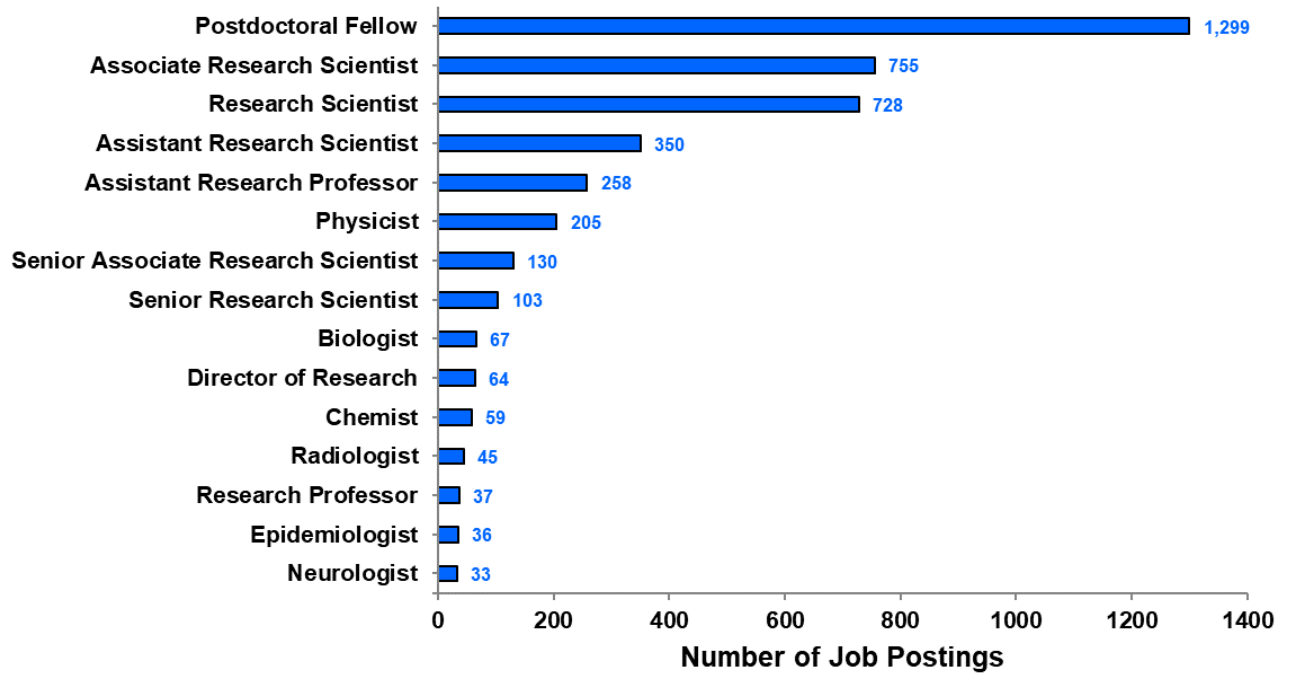
## Job postings by year



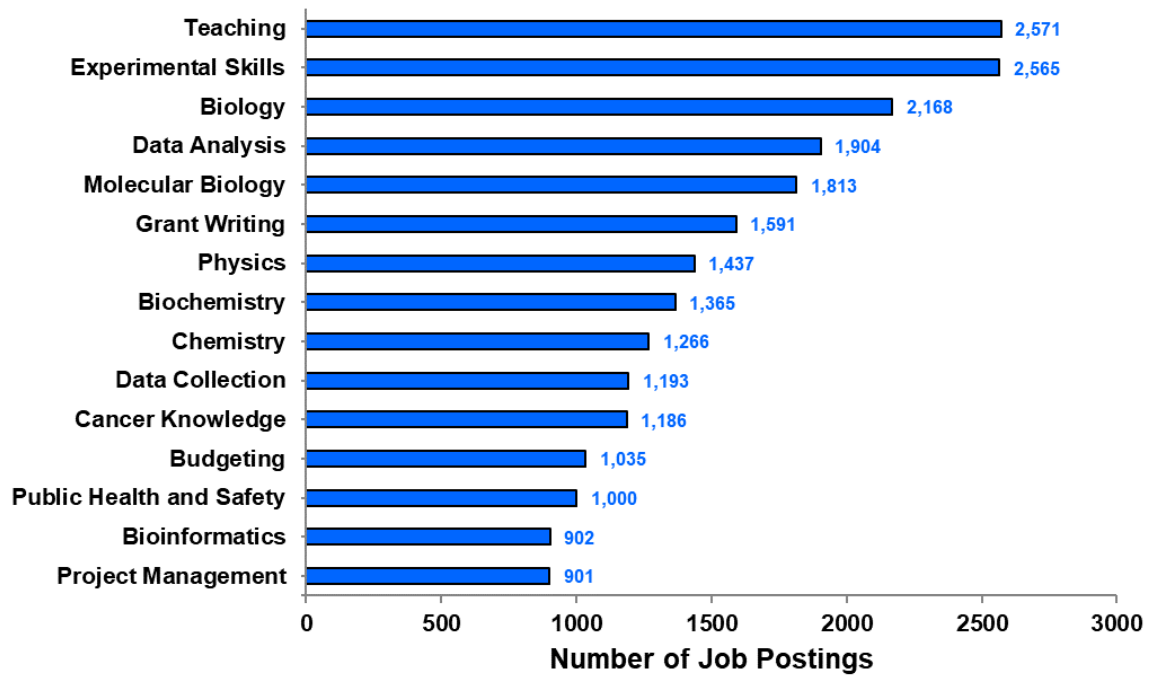
# **Academic Research**

Number of job postings (nationwide):  
12,455

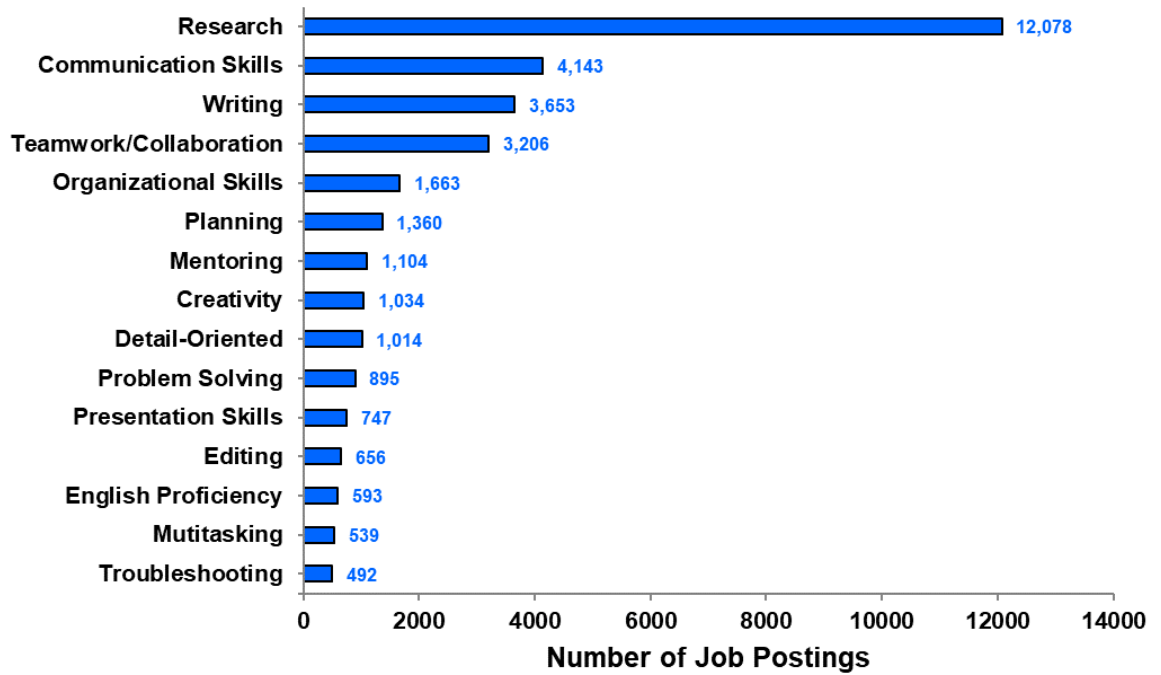
## Top Job Titles: Academic Research 2019



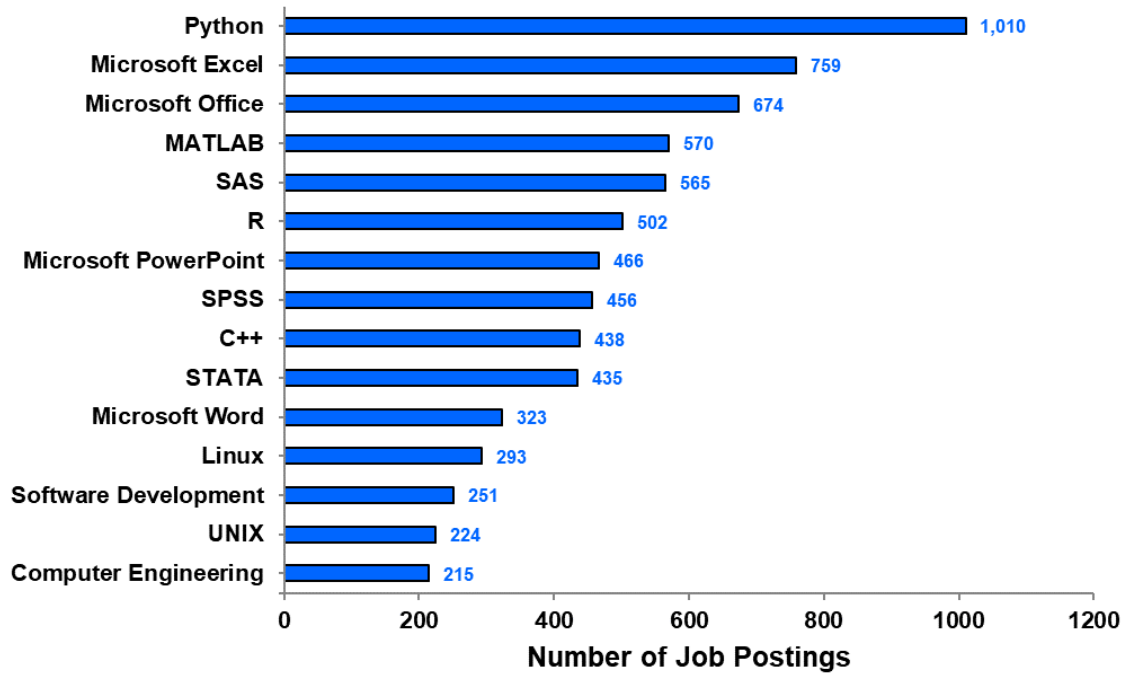
## Specialized (Hard) Skills: Academic Research 2019



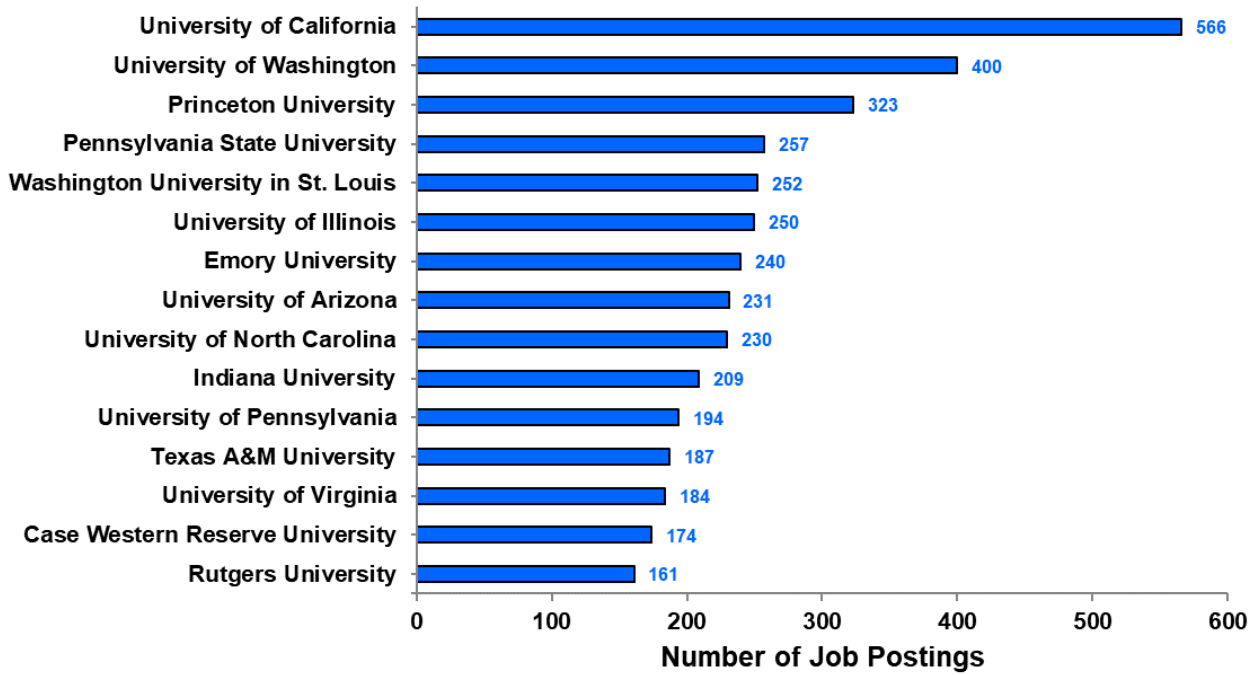
## Baseline (Soft) Skills: Academic Research 2019



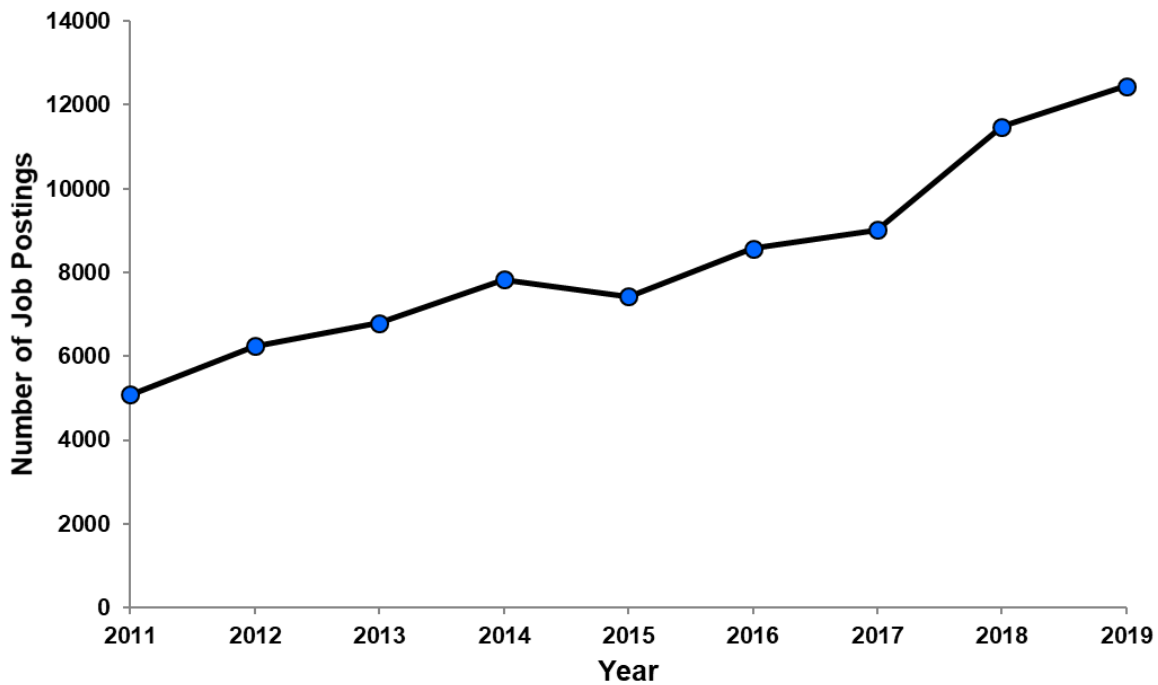
## Computer Skills: Academic Research 2019



## Top Employers: Academic Research 2019

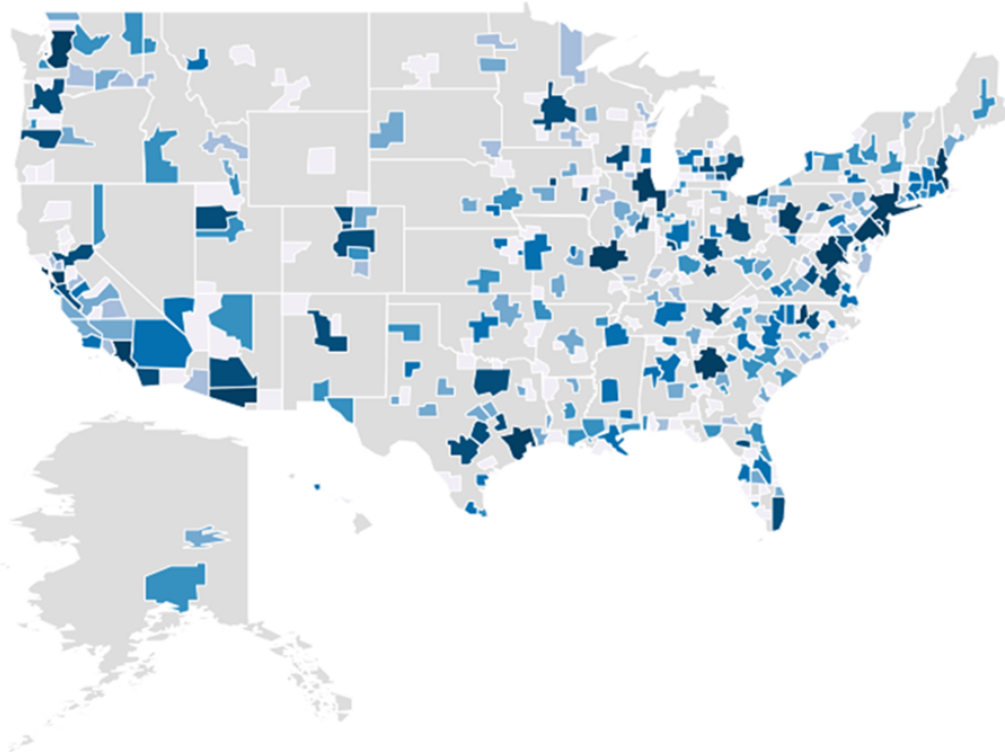


## Job Postings by Year: Academic Research 2019





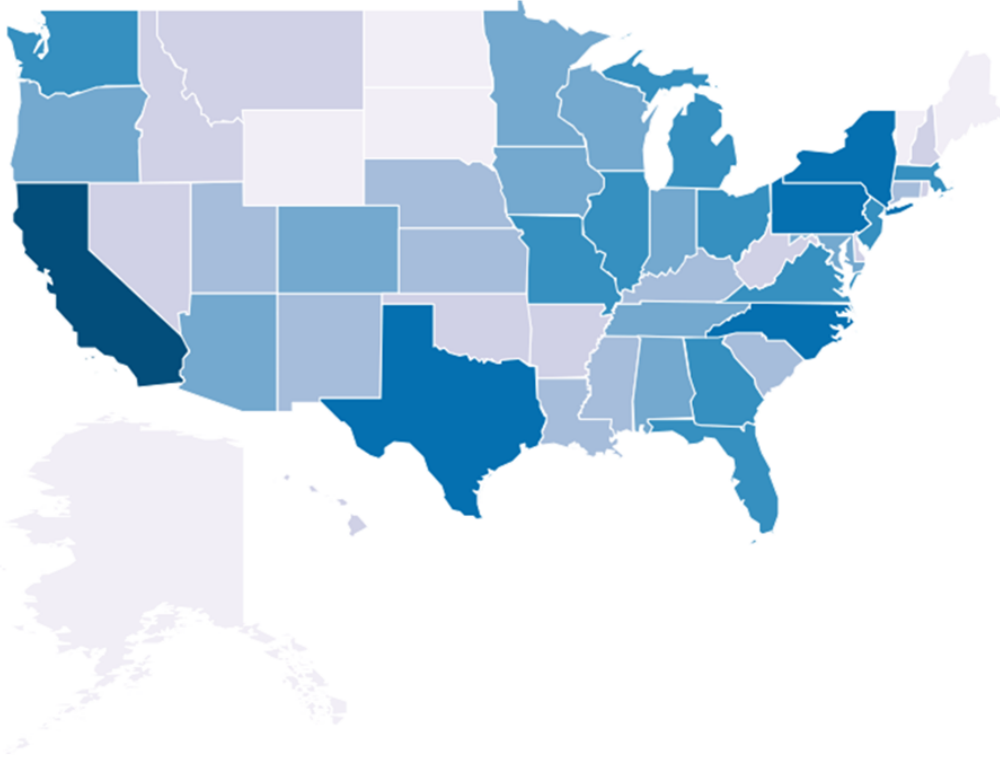
## High Demand Areas by MSA: Academic Research 2019



### TOP 15 HIRING REGIONS

Metro Area	Job Postings
New York-Newark-Jersey City, NY-NJ-PA (Metropolitan Statistical Area)	677
Los Angeles-Long Beach-Anaheim, CA (Metropolitan Statistical Area)	676
San Francisco-Oakland-Hayward, CA (Metropolitan Statistical Area)	468
Chicago-Naperville-Elgin, IL-IN-WI (Metropolitan Statistical Area)	431
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD (Metropolitan Statistical Area)	377
Seattle-Tacoma-Bellevue, WA (Metropolitan Statistical Area)	369
Boston-Cambridge-Nashua, MA-NH (Metropolitan NECTA)	356
Durham-Chapel Hill, NC (Metropolitan Statistical Area)	319
Trenton, NJ (Metropolitan Statistical Area)	317
Atlanta-Sandy Springs-Roswell, GA (Metropolitan Statistical Area)	316
St. Louis, MO-IL (Metropolitan Statistical Area)	278
Washington-Arlington-Alexandria, DC-VA-MD-WV (Metropolitan Statistical Area)	237
Tucson, AZ (Metropolitan Statistical Area)	199
Houston-The Woodlands-Sugar Land, TX (Metropolitan Statistical Area)	198
Pittsburgh, PA (Metropolitan Statistical Area)	194

## High Demand Areas by State: Academic Research 2019



### TOP 15 HIRING REGIONS

State	Job Postings
California	1,777
Pennsylvania	827
Texas	791
New York	633
North Carolina	577
New Jersey	536
Illinois	534
Georgia	460
Massachusetts	458
Ohio	458
Washington	419
Florida	383
Michigan	375
Virginia	366
Missouri	335

