

# BU's BEST

## Biomedical Workforce Data 2020



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

*This work is supported by NIH Grant DP7OD02032, BU's BEST.*

# 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*

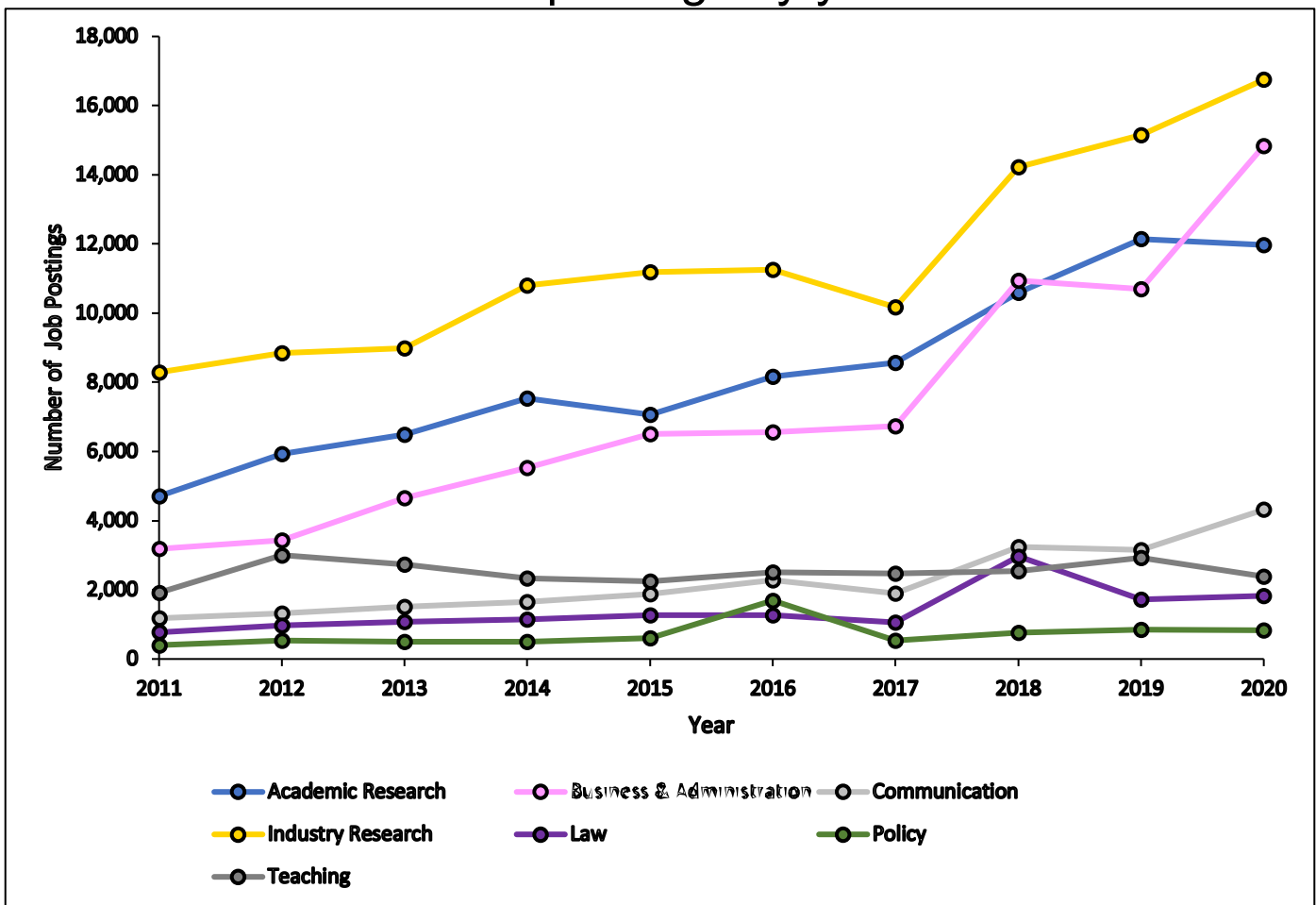
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Date ranges are January 2020 – December 2020 for job searches.

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

# Career Paths: Job Trends Summary

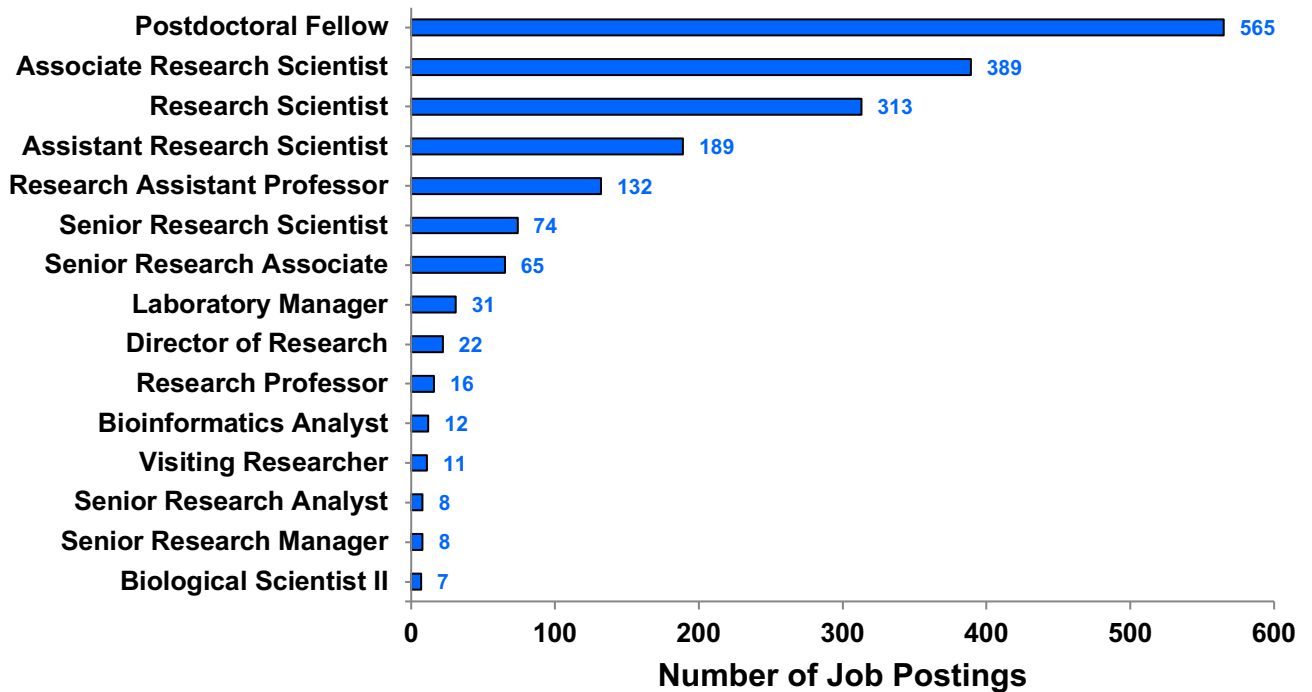
Job postings by year



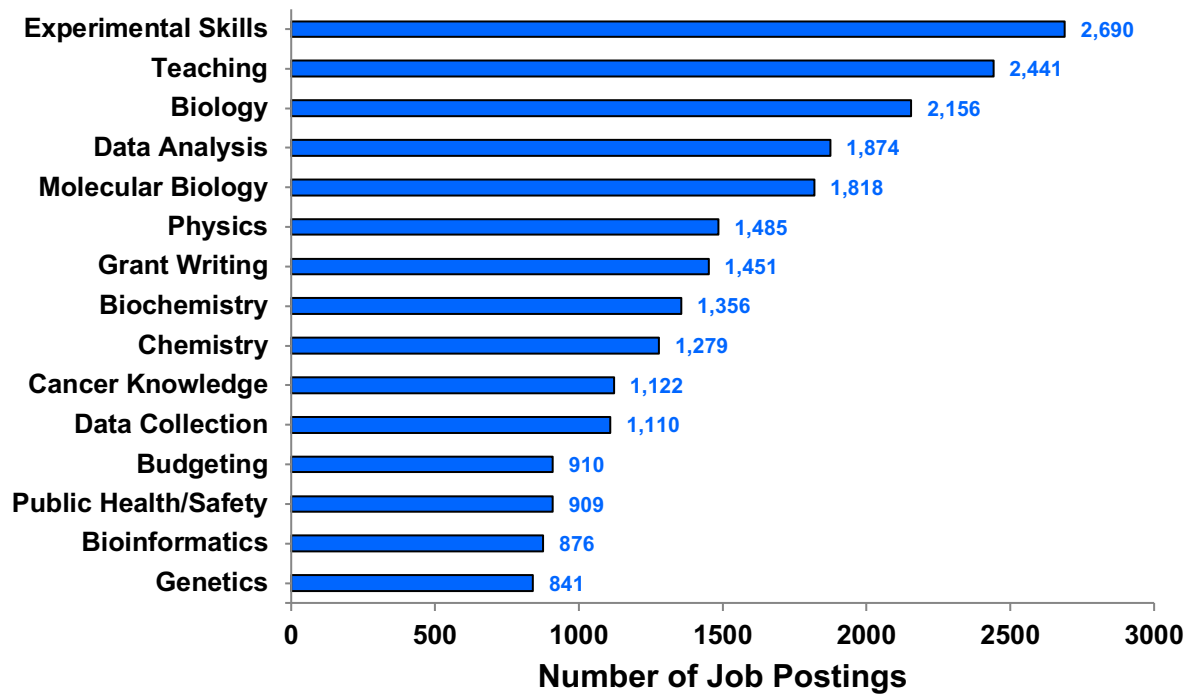
## **Academic Research**

Number of job postings (nationwide):  
11,971

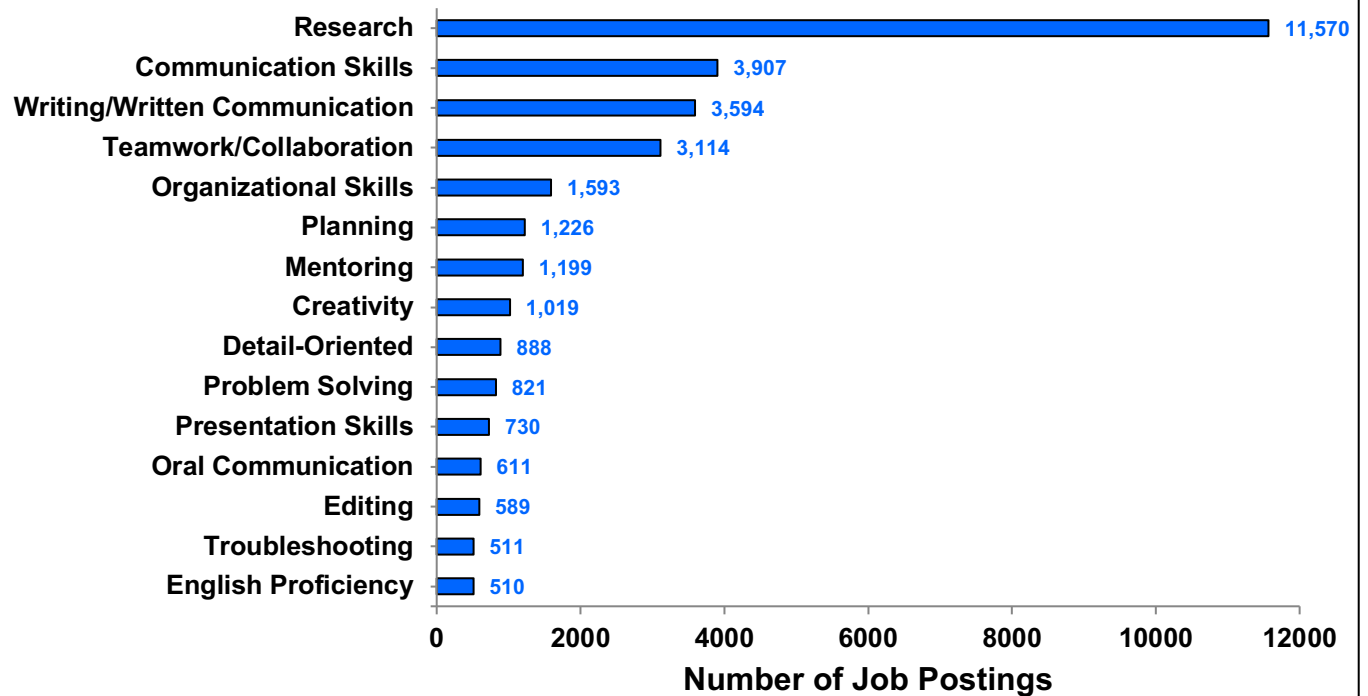
## Top Job Titles: Academic Research 2020



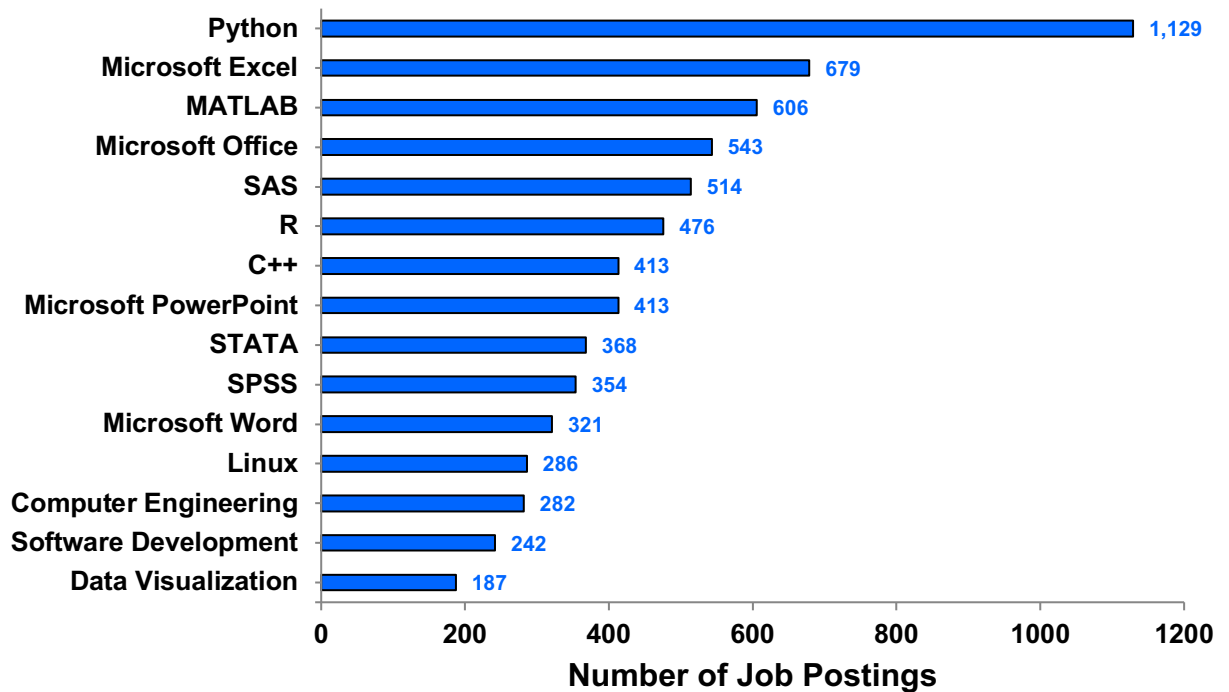
## Specialized (Hard) Skills: Academic Research 2020



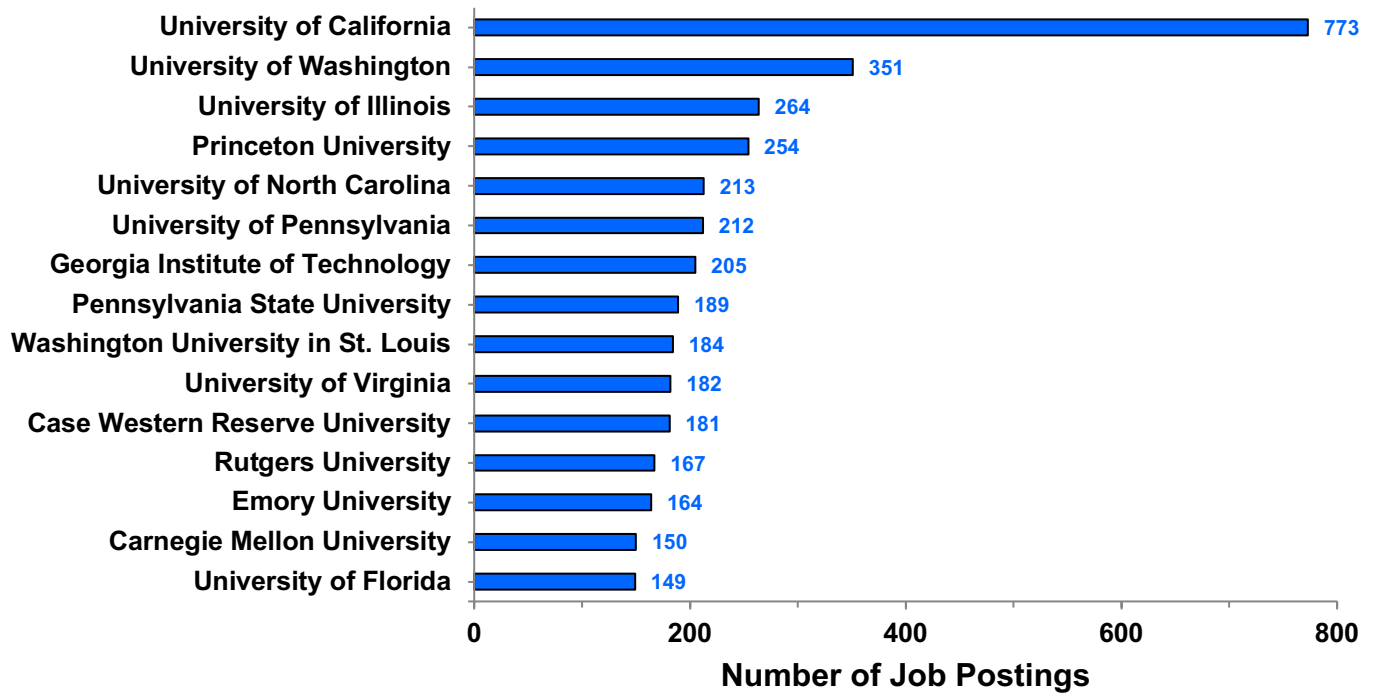
## Baseline (Soft) Skills: Academic Research 2020



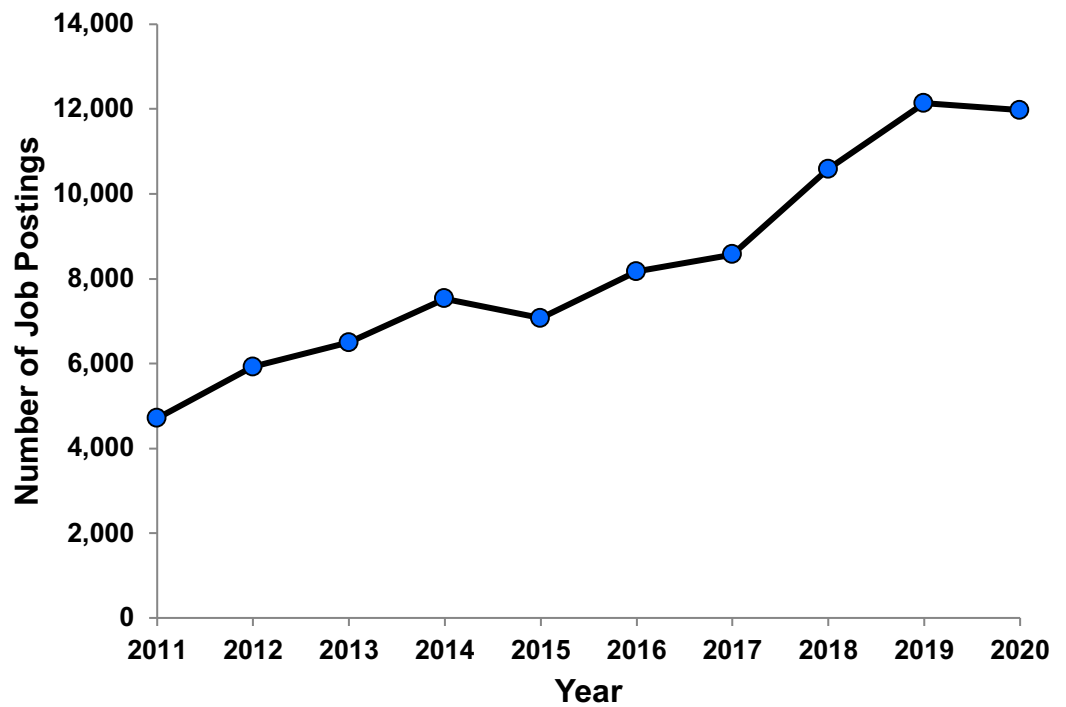
## Computer Skills: Academic Research 2020



## Top Employers: Academic Research 2020

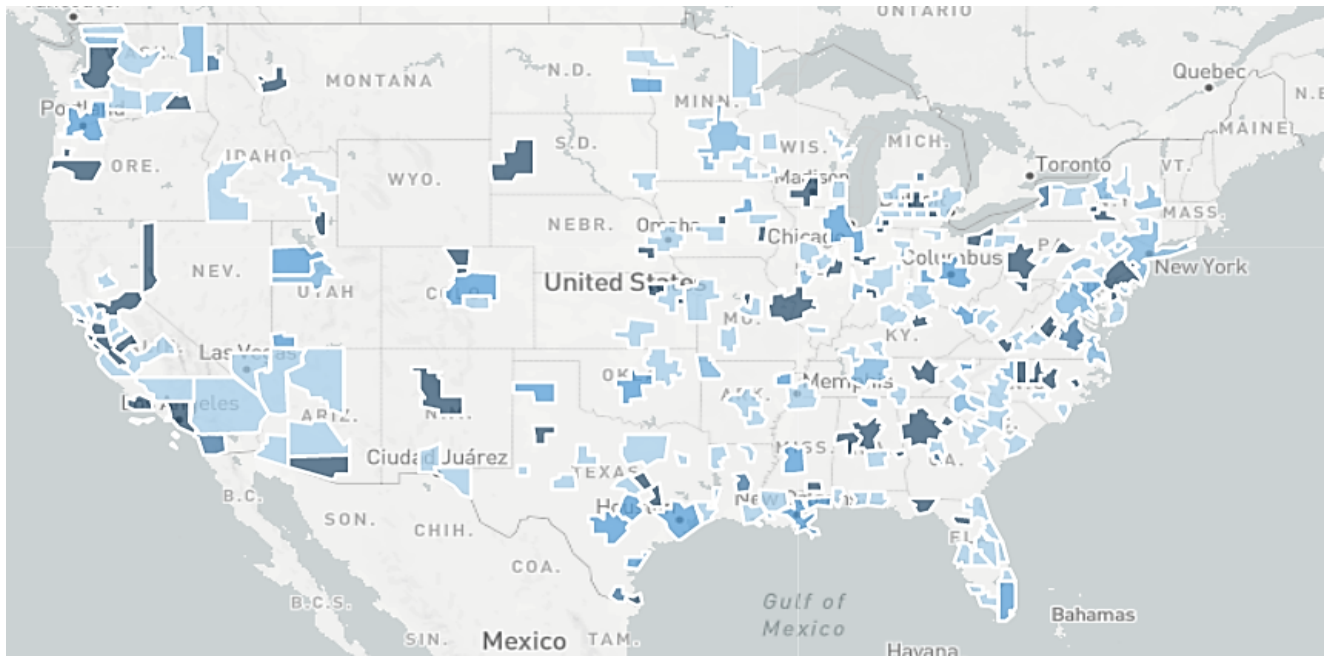


## Job Postings by Year: Academic Research 2011-2020





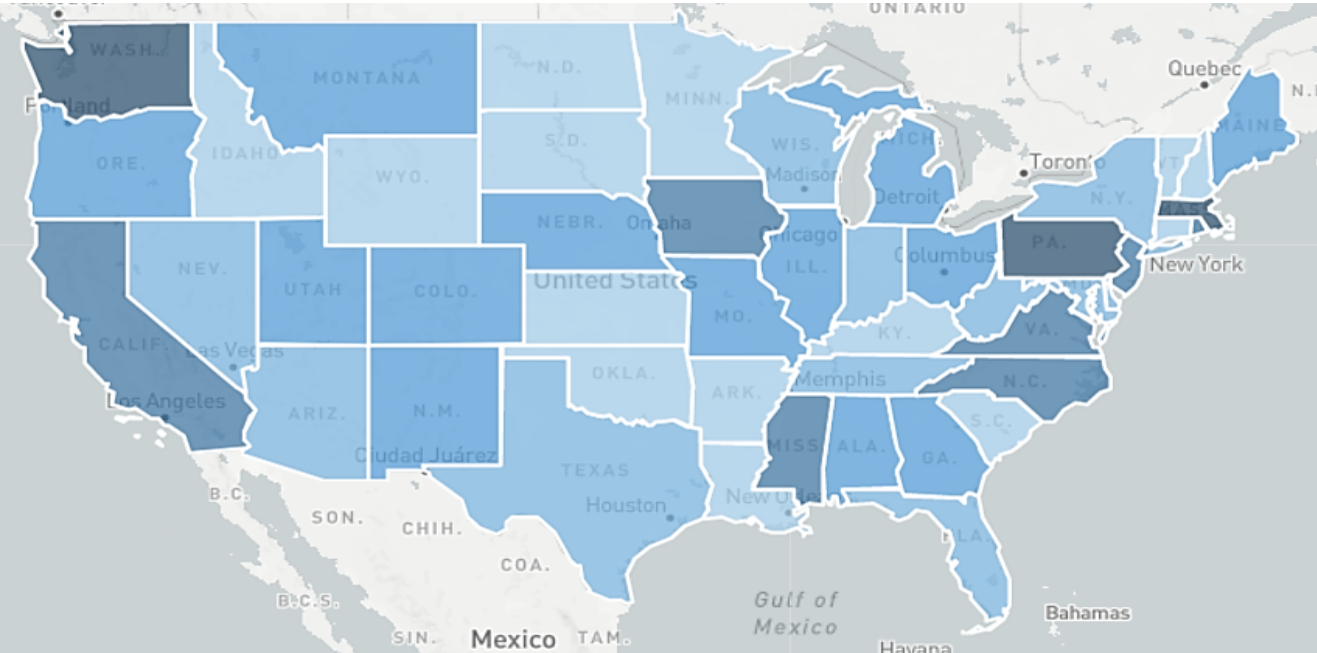
## High Demand Areas by MSA: Academic Research 2020



### TOP 15 HIRING REGIONS

Metro Area	Job Postings
Los Angeles-Long Beach-Anaheim, CA (Metropolitan Statistical Area)	771
New York-Newark-Jersey City, NY-NJ-PA (Metropolitan Statistical Area)	602
San Francisco-Oakland-Hayward, CA (Metropolitan Statistical Area)	490
Boston-Cambridge-Nashua, MA-NH (Metropolitan Statistical Area)	451
Chicago-Naperville-Elgin, IL-IN-WI (Metropolitan Statistical Area)	448
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD (Metropolitan Statistical Area)	398
Seattle-Tacoma-Bellevue, WA (Metropolitan Statistical Area)	368
Atlanta-Sandy Springs-Roswell, GA (Metropolitan Statistical Area)	331
Trenton, NJ (Metropolitan Statistical Area)	253
Pittsburgh, PA (Metropolitan Statistical Area)	236
Durham-Chapel Hill, NC (Metropolitan Statistical Area)	225
Houston-The Woodlands-Sugar Land, TX (Metropolitan Statistical Area)	214
St. Louis, MO-IL (Metropolitan Statistical Area)	209
Cleveland-Elyria, OH (Metropolitan Statistical Area)	207
Washington-Arlington-Alexandria, DC-VA-MD-WV (Metropolitan Statistical Area)	189

# High Demand Areas by State: Academic Research 2020



TOP 15 HIRING REGIONS

State	Job Postings
California	2,060
Pennsylvania	818
Texas	724
New York	603
Illinois	567
Massachusetts	544
North Carolina	487
New Jersey	471
Florida	440
Washington	422
Georgia	419
Ohio	417
Virginia	410
Michigan	302
Missouri	246