BioCareer Pathway for **Biostatistician**

Recent Graduates

- Undergraduate degree
  +
  Graduate degree
  +
  Post-graduate degree

Entry-level

Statistician/Biostatistician

{Internships while studying or post-doctoral positions}

2-5 Years

Biostatistician

5-7 Years

Senior Biostatistician

7 Years+

Director, Clinical Data Management/Director, Research Computing {Experienced Biostatisticians can focus on their technical expertise and become an independent consultant or take on a supervisory or management role within the organization}.

Job Functions

(You may be responsible for more than one)

- Apply mathematical and statistical knowledge to the design of surveys and experiments, the collection, processing and and analysis of data and the interpretation of experiments and survey results.
- As part of a clinical research team, compile statistical analysis of data retrieved from clinical trials to assist investigators in studying patterns of disease among the population and to project the best method of intervention.
- Contribute to the design of research studies by formulating the questions that can be answered by data collection and thereby provide advice on how best to collect the data.
- Provide statistical and epidemiological consultation as it relates to the design and statistical analysis of population health studies.

Actual job titles may vary slightly between organizations. The BioCareer Pathways are meant as a guide for potential career paths. They have been developed through secondary research.

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