Google is recruiting statisticians, data scientists, and quantitative analysts to join our engineering teams in search, advertising, and infrastructure. If you are looking for a challenging and rewarding environment to start your career or if you already have a successful career and want a change then please take a look at the postings below. My own group will grow by several people over the next several months. Our team's day-to-day work is full of examples of truly big data problems you can encounter at Google. We analyze all the traffic on advertisements served to Google's partner sites in the Google Display Network. In the process we get to analyze a significant proportion of all advertising traffic on the entire internet. Doing data analysis "at Google scale" means that every member of my team has free access to one of the world's largest and most powerful computing and networking infrastructures. If you join us you will learn all the amazing internal tools that only Googlers get to use while drawing on your own training and experience in outside tools like R. (Yes, we use R code in production systems at Google!) We have a huge variety of analytic needs here, including repeated measures, sparse data, experimental design, causal inference, auction theory, optimization, and simulation.

And yes, we hire biostatisticians all the time. I have people in my group who have backgrounds in statistical genetics, bacterial genomics, epidemiology, and molecular dynamics!

If this sounds exciting to you, please forward me your cv or resume rather than applying directly. Candidates usually have a better chance with an internal referral.

Colin McCulloch  
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Here are a few relevant job postings:  
https://www.google.com/about/jobs/search/#t=jo&jid=43148&  
https://www.google.com/about/jobs/search/#t=jo&jid=2352002&  
https://www.google.com/about/jobs/search/#t=jo&jid=3095001&  
https://www.google.com/about/jobs/search/#t=jo&jid=3318001&