



Statistician

[Creve Coeur, MO](#) • Data Science and Platform Engineering

Description

Benson Hill Biosystems empowers innovators to unlock the global genetic potential of plants benefiting people and our planet. We are building the future of agricultural genomics and looking for talented and passionate individuals who will help us drive our vision. Our core values will inspire you to be bold, innovate through collaboration, work hard and smart, and have fun while doing so!

We are actively seeking a Statistician to join our Data Science and Platform Engineering Team. You will work closely with Benson Hill scientists, data scientists and project leaders to help maximize the impact we have on Benson Hill's and our partners' experimental programs and product pipelines.

You'll make an impact by:

- Establishing and optimizing designs for field, greenhouse and lab experiences
- Completing data integration, statistical analysis and interpreting completed experiments
- Participating in the design of hypothesis-driven experiments and analyses
- Recommending and editing research designs that optimize our ability to accurately address key questions
- Managing data integration for discovery experiments
- Performing statistical analysis on experimental outputs and interpreting results
- Communicating results in written and visual formats to program and company leaders

Requirements

You have:

- PhD in applied mathematics, physics, engineering, statistics, or closely related field with formal training in statistics and experimental design
- At least 5 years experience developing and analyzing complex experimental designs
- Experience with common statistical concepts, approaches, packages and libraries, programming and doing statistical analysis in R
- Background and experience with Python, using AWS or other cloud architectures a plus
- Excellent communication skills and the ability to work in a collaborative, team-oriented environment
- A track record of producing deliverables and meeting tight deadlines
- Ability to work autonomously, identify key tasks, and develop solutions to challenges
- Strong planning, organization, critical thinking, and problem solving skills
- Familiarity with crop science and agronomic applications and modeling a plus
- Experience working with a breeding or ag biotech organization preferred

We have:

- A flexible PTO program with a focus on work/life balance
- Competitive medical benefits and retirement savings plan
- *FREE* dental coverage
- Education reimbursement
- *PAID* parental leave
- *And more!*