

# Data Science Career Talk

## Patrick Loerch

*Harvard, PhD in Biostatistics*

*Senior Vice President, Data Sciences & Biometrics*

*Gilead Sciences*



**Thursday, January 28 at 4 p.m. (EST)**

**RSVP at:** <https://forms.gle/pDXp6HTmsig8QvTw6>

RSVP and attend this virtual program to explore data science careers in the bio-pharma industry and gain insight on how data and data science principles are applied for drug discovery.

### **About Patrick Loerch**

Patrick Loerch has over 20 years of experience in data sciences, real world evidence and genomics research spanning all phases of R&D within the pharmaceutical industry. Dr Loerch currently serves as Senior Vice President, Data Sciences and Biometrics at Gilead Sciences. In addition to oversight of the existing Biometrics, Clinical Bioinformatics and Epidemiology organizations, Dr. Loerch is accountable for the build out and integration of Real-World Evidence and Data Sciences capabilities to accelerate the discovery, development and delivery of new medicines. Dr. Loerch's prior roles include leadership positions at Johnson & Johnson, Celgene and Merck. He began his career at Rosetta Inpharmatics, a genomics start-up in Seattle, WA that was later acquired by Merck. Dr. Loerch received his PhD in Biostatistics from the Harvard University and his BS in Biochemistry from Washington State University.

### **About Gilead Sciences**

Gilead Sciences, Inc. is a research-based biopharmaceutical company that discovers, develops and commercializes innovative medicines in areas of unmet medical need. Gilead strives to transform and simplify care for people with life-threatening illnesses around the world. Gilead's portfolio of products and pipeline of investigational drugs includes treatments for HIV/AIDS, liver diseases, cancer, inflammatory and respiratory diseases, and cardiovascular conditions. The company's global headquarters is in Foster City, CA, and employs more than 12,000 world-wide. For more information about internship and full-time opportunities visit <https://gilead.avature.net/careers/>.

For more information about this program please email Francis Borrego at [fborrego@mit.edu](mailto:fborrego@mit.edu).

This program is part of a weekly data science career talk series which aims to share with students the broad perspectives of what data science can be in terms of career paths, real-world applications today, and emerging opportunities in the future.



**Career Advising &  
Professional Development**