



**GILLINGS SCHOOL OF
GLOBAL PUBLIC HEALTH**

Schedule for Biostatistics Summer Internship Panel

Friday, November 18, 2022

3:30 pm - 3:35 pm – Opening remarks

3:35 pm - 3:45 pm – Bayer

3:45 pm - 3:55 pm – Eli Lilly & Company

3:55 pm - 4:05 pm – FDA

4:05 pm - 4:15 pm – IQVIA

4:15 pm - 4:25 pm – RTI International

4:25 pm - 4:30 pm – Transition to breakout rooms

4:30 pm - 5:00 pm – Breakout rooms

Join Zoom Meeting

<https://unc.zoom.us/j/94552592245>

Meeting ID: 945 5259 2245

One tap mobile

+13017158592,,94552592245# US (Washington DC)

+13092053325,,94552592245# US

Presenter Information

Bayer

Bayer AG is a German multinational pharmaceutical and biotechnology company and one of the largest pharmaceutical companies in the world (<https://en.wikipedia.org/wiki/Bayer>). Bayer serves our most basic human needs - health and food. Bayer's areas of business include

Each year, Bayer welcomes close to 300 undergraduates through MS/PhD level candidate students for three to six-month work assignments across various development functions. Our interns work on challenging research assignments and learn from excellent mentors, all while having the opportunity to take advantage of intentionally designed personal and professional development, focused volunteer activities, and professional and social networking. The Internship program within the Pharmaceutical Division at Bayer has a rich history. Through integration in 2019 the Emerging Talent team evolved, encompassing the best practices and programs from what used to be the University Relations team at Bayer. Emerging Talent is a centralized team that recruits all interns into the organization to deliver a world-class internship experience, which positively impacts Bayer's drug development process while providing a rich and engaging internship experience for students.

- **Purpose:** As an intern within the US Statistics department at Bayer Pharmaceuticals division, the incumbent will gain a direct view into research and development at Bayer and witness how clinical trials influence the decisions made during the drug development process.
- **Responsibilities:** The selected individual will have the opportunity to work on a research project with senior level Biostatisticians in a fast-paced, dynamic environment. They may become involved in the analyses of clinical trial data, programming, and provide support to highly knowledgeable clinical trial Statisticians and Project Statisticians.
 - At the end of the internship, the intern will present their research project to the Statistics department and a nonstatistical audience.
- **Additional Requirements/information:** The successful candidate must be a high performer interested in the interactions between science and policy, wanting to work with dynamic group of people and contribute to a changing environment. Research projects are available across various therapeutic areas including Cardiovascular, Women's Health, Oncology, Pulmonology, Ophthalmology, etc. Candidates must be available for a three-month assignment at Bayer's Whippany, New Jersey, site from June 2023 until the end of August 2023

Internship Website: To apply, visit Bayer's career site ([Bayer Career USA | Career USA](#)) and search for *Clinical Statistics intern*. The internship will be posted sometime in late 2022/early 2023.

Point of Contact: Keith Bangerter keith.bangerter@bayer.com
Frank Cihon frank.cihon@bayer.com

Eli Lilly & Company

Lilly is a pharmaceutical company headquartered in Indianapolis, Indiana with the purpose to unite 'caring with discovery to create medicines that make life better for people around the world.'

Project Statistician Intern: In collaboration with Lilly mentors, you will work on projects focused on the design of clinical trials, analysis of clinical and/or real world data, or the development/manufacturing of medicines. We are looking for students earning their Ph.D. in statistics or biostatistics, with experience in statistical consulting, pharmaceutical research, experimental design, and analysis.

Statistical Analyst Intern: Your responsibilities include analyzing and reporting clinical research data and consulting with physicians and research scientists. We are looking for students earning their M.S. in statistics or related scientific field. A successful candidate must have in-depth knowledge of statistical programming (i.e., SAS, Python, R, Spotfire) and pharmaceutical research.

Internship Website: Application website will open in December – look for BIOS jobs email

Point of Contact: Ruth Huh – huh_ruth@lilly.com

FDA

The Office of Biostatistics (OB) in the Center for Drug Evaluation and Research (CDER) at the US Food and Drug Administration (USFDA) is recognized for excellence in the application and communication of statistical science in drug regulation and development. We play a central role in promoting innovative, science-based quantitative decision-making throughout the drug development life cycle. We provide statistical leadership, expertise, and advice to foster the expeditious development of safe and effective drugs and therapeutic biologics for the American people.

We anticipate having multiple internship positions available for advanced graduate students in statistics or biostatistics starting in May 2023 and ending by Friday, September 1, 2023, to engage in research projects on topics relevant to OB scientific needs. Interns will gain hands-on experience with regulatory research projects under the guidance of an expert OB Mentor, utilizing real or simulated data to address real problems in a stimulating, collaborative, and supportive environment. Past research project areas have included modeling and simulation, missing data, noninferiority trials, multiple endpoints, adaptive designs, Bayesian design and analysis methods, meta-analyses, benefit-risk analyses, subgroup analyses, biosimilars, patient experience data, and data mining. Interns have been involved in the development of statistical methods, software tools, and new drug application databases for the analysis of pre-clinical as well as pre- and post-market clinical data.

Internship Website: <https://www.zintellect.com/Opportunity/Details/FDA-CDER-2023-0000>

Point of Contact: Dr. Goldie monitors the CDER-OTS-OB-Recruitment@fda.hhs.gov email box.
If you have a question, use QUESTION ORISE 2023 as the subject line.

IQVIA

IQVIA, made up of approximately 79,000 employees in more than 100 countries, is a leading global provider of advanced analytics, technology solutions, and clinical research services to the life sciences industry.

IQVIA's internship role in Biostatistics is an ideal stepping-stone for current college students. Our interns receive similar clinical trial and statistical programming training as incoming permanent employees. There will be exposure to conventional variables, data standards and analysis summaries that are typically found in a regulatory environment for pharmaceutical trials, allowing for real life programming and analysis opportunities. Our interns will be given access to cutting-edge in-house technology, allowing them to work on global projects and across therapeutic areas. Project work varies, but typical responsibilities and opportunities include:

- Assist with updating and programming derived analysis datasets
- Update/program tables, listings and figures
- Under supervision, perform data review and statistical review of output
- Assist in validation checks
- Attend internal project team meetings and departmental town halls as necessary and appropriate

Internship Website: No active link at the moment.

Joe Kelly (email below) asked that CVs be sent directly to him.

Point of Contact: Joe Kelly – joe.kelly@iqvia.com

RTI International

RTI International is an independent, nonprofit research institute dedicated to improving the human condition. Our vision is to address the world's most critical problems with science-based solutions in pursuit of a better future.

The RTI Internship Program is active year-round and open positions are based on project needs/demands. We anticipate two new open positions in the near future, which will be posted on our RTI Internship website (link below). We prefer candidates have at least some SAS programming knowledge.

Internship Website: <https://www.rti.org/internships>

Points of Contact: Shawn Hirsch – shirsch@rti.org
Annette Green – agreen@rti.org
Barbara Do – bdo@rti.org