

Clinical Research and Development (R&D) Veterinary Internship Program

Purpose: To introduce future veterinarians to Clinical R&D in the Animal Health Industry.

Intern Learning Objectives:

- ▶ Learn how pharmaceuticals & biologics are developed in the animal health industry
- ▶ Learn principles of Good Clinical Practice (GCP) and Good Laboratory Practice (GLP)
- ▶ Learn scientific principles to design and execute pilot or pivotal clinical laboratory & field studies
- ▶ Assist in writing study protocols and final study reports for submission to regulatory agencies
- ▶ Gain an understanding of regulatory requirements for licensure of pharmaceuticals (FDA-CVM) & Biologicals (USDA-CVB)
- ▶ Monitor clinical (GCP) or nonclinical (GLP) studies
- ▶ Review medical records and data
- ▶ Introduction to other departments involved in the development of Pharmaceuticals and Biologicals
- ▶ Be introduced to laws and best practices governing animal use in a research environment
- ▶ Veterinary Services is responsible for providing animal services and veterinary care for R&D. Students will also be familiarized with management of the VS facility and day to day operations

Intern's Responsibilities:

- ▶ Involvement in execution of clinical and non-clinical studies under supervision of Mentor
- ▶ Writing, editing and/or reviewing study protocols and reports
- ▶ Set-up training and monitoring visits with study investigators
- ▶ Quality control for data integrity at study sites
- ▶ Submission of raw data to Data Management and handling logistical data issues
- ▶ Literature review and/or data mining
- ▶ Read and understand applicable Standard Operating Procedures (SOPs) for responsibilities assigned by their Mentor

Positions:

- ▶ One position in Pharmaceutical Clinical Development (PCD) will focus on small animal projects
- ▶ One position in Biologics Clinical Development (BCD) will focus on large animal projects
- ▶ One position in Veterinary Services (VS) will focus on laboratory animal medicine in various species (feline, cattle, swine, rabbits and rodents). The VS intern will assist in providing veterinary care to the many species of research animals housed within our facility

Required Skills and Experience:

- ▶ Upcoming 2nd or 3rd year veterinary student
- ▶ Self-motivated and know how to work independently
- ▶ Excellent organizational skills, attention to detail and time management
- ▶ Fluent with multiple computer software applications such as Outlook, Excel, Word & PowerPoint
- ▶ Excellent oral and written communication skills

Other Requirements:

- ▶ Willingness to travel, up to 25% of the time with overnight stays
- ▶ Valid US driver's license
- ▶ Ownership or access to personal vehicle preferred

Start Date: mid May
End Date: mid August
Stipend: Yes
Academic Credit: No

Apply:

Submit a resume and one page cover letter including career goals and research experience electronically to Christine Mowrer at clmowrer@iastate.edu by

January 25th

Extended Deadline!

More Information:

Students interested in more specific information may contact Anne.Traas@Boehringer-Ingelheim.com (PCD), Troy.Kaiser@Boehringer-Ingelheim.com (BCD) or Audrey.Jenkins@Boehringer-Ingelheim.com (VS)

Other summer opportunities may be found at <http://vetmed.iastate.edu/>