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

Purpose: To introduce future veterinarians to R&D opportunities in the animal health industry

General Internship Learning Objectives:

- Learn how pharmaceuticals and biologics are developed in the animal health industry
- Learn principles of Good Clinical Practice (GCP)
- Learn scientific principles to design and execute pilot or pivotal or clinical laboratory and 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) and Biologics (USDA-CVB)
- Introduction to other departments involved in the animal health industry

General Internship Responsibilities:

- Involvement in execution of clinical and non-clinical studies under supervision of mentor
- Writing, editing and/or reviewing study protocols and reports
- Quality control for data integrity at study sites
- Literature review and/or data mining
- Read and understand applicable Standard Operating Procedures (SOPs) for responsibilities assigned by their mentor
- Prepare and present a poster of studies/experiences during the summer

Positions:

- Pharmaceutical Clinical Development (PCD) will focus primarily on small animal research and development projects. For PCD questions: Anne.Traas@Boehringer-Ingelheim.com
- Biologic Clinical Development (BCD) will focus primarily on large animal research and development projects. For BCD questions: Troy.Kaiser@Boehringer-Ingelheim.com
- Veterinary Services (VS) will focus on laboratory animal medicine in all species (Canine, Feline, Cattle, Horses, Rodents).

Objectives Specific to BCD and PCD Interns:

- Monitor clinical (GCP) or nonclinical (GLP) studies at farms, veterinary hospitals or contract research organizations
- Review medical records and data of patients on ongoing studies
- Set up training and monitoring visits with study investigators
- Submission of raw data to Data Management and handling logistical data issues
- Assist in preparation of documentation for submission to the FDA or USDA

Objectives Specific to VS Intern:

- ***Please note - the VS position will not be offered for summer 2015***
- Assist mentor and veterinary staff in the veterinary care of animals maintained by Veterinary Services
- Actively participate in the hands on implementation of study related activities involving animals
- Gain an understanding of the operation of facilities used to house research animals
- Gain an understanding of the regulatory requirements affecting the use of animals in research

Required Skills and Experience:

- Incoming second- or third-year veterinary student
- Self-motivated and able work independently
- Excellent organizational skills, attention to detail and time management
- Fluent with multiple computer software applications such as Outlook, Excel, Word and PowerPoint
- Excellent oral and written communication skills

Other Requirements:

- Willingness to relocate to Saint Joseph, Missouri for the summer
- Willingness to travel up to 25 percent of the time with overnight stays (BCD only)
- Valid US driver's license
- Ownership or access to personal vehicle preferred

Apply:

Only students currently enrolled in a U.S. college of veterinary medicine are eligible

Email a resume and one-page cover letter including preferred position(s), career goals and research experience to Christine Mowrer at clmowrer@iastate.edu

Deadline: January 30

Other summer opportunities may be found at http://vetmed.iastate.edu/vdpan/students

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