















## Dickinson Research Extension Center Communication

Summers provide veterinary students with the opportunity to supplement their traditional classroom experiences. The Dickinson Research Extension Center, North Dakota State University and Iowa State University and Iowa State University College of Veterinary Medicine alliance can offer unique opportunities to enable veterinary student interns to build on classroom experiences through real-world, handson experience. While other summer programs for vet students exist, the alliance, due to its resources and dedicated faculty and staff, has the opportunity to create an outstanding program meeting the needs of veterinary student interns.

Program development must recognize the experiences and expectations of veterinary student interns and communicate what the program can do to meet students' needs. An assessment of students' previous experience, comfort in working with large animals and career goals must be completed in order to tailor the program to each student's expectations and interests.

Communication needs to continue once onsite. Interns, mentors and existing staff can join forces to optimize the use of time and resources. This can result in improved learning situations for interns, completion (or ini**Key Elements** 

Clear program goals and expectations

Involvement of students, faculty, mentors, administrators, staff

Assessment of previous experience and career goals

Commitment to communication

tiation) of new research projects and data collection that will be reflected in internal, annual and published reports for the DREC.

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Success as a veterinarian begins with the development of meaningful relationships with veterinarians and other agricultural professionals to provide a network of resources. The first step in building this network occurs during the intenship. These relationships can be the springboard for strengthening the alliance between NDSU, DREC and ISU CVM.

An active mentoring program provides interns with knowledge and experience that they can use in developing their own careers and in serving large animal producers. Mentors serve as models and sounding boards to assist in providing opportunities for course work and/or specialization. Development of a successful mentor/intern relationship involves collaborating to establish a list of interests, goals and destred outcomes. For veterinary students, a veterinarian on staff who could work with veterinary interns is the desired

interns is the desired setup. If that is not possible, working with an NDSU vetcrinarian, ISU veteri narian or a private veterinarian is the next best situation.

## **Key Elements**

Communication between mentors and interns

Networking with fellow professionals

Sharing data and ideas regarding data collection and research

Development of goals, interests and outcomes for the intern



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A key element of internship programs is to provide experiences that are not available in traditional classroom settings. For students considering careers in large animal medicine, knowledge of large animal behavior and experience observing and handling large animals are fundamental skills that need to be learned in a rural setting. DREC has the facilities and resources to provide interns with opportunities to gain experience working with large animals including sorting, penning and restraining. Interns also have the opportunity to learn and practice techniques for blood collection, injections, palpation and ultrasound.

Integration of interns into DREC's existing biosecurity and animal
identification/source verification teams
allows them to play an active role and gives
them an understanding of current issues in
animal agriculture. Combining hands-on
experience with discussions about production
practices at DREC and in Southwestern
North Dakota provides interns with an insight
into the role of management practices in agricultural economics.

cultural economics.

The Center's extension and research missions and the College of Veterinary Medicine's commitment to research can provide interns with opportunities to engage in

## **Key Elements**

Team approach with strong administrative leadership

Interns placed in their areas of interest

Develop teamwork and networking skills

Stipend system and housing for interns

data collection and summarization on a variety of production and animal health issues. An alliance between DREC, NDSU and ISU CVM presents a wide range of possibilities for engaging in research and data analysis and opportunities to report on findings.

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Building a team requires leadership to create opportunities. The DREC, NDSU and ISU CVM alliance has the professional talent to make this program succeed.

Placing students on projects in their areas of interest (i.e. horses, sheep, cattle, forage, etc.) is important. Interns work together as a group on projects and as part of larger teams at

DREC. This provides experience working as a team in a variety of settings.

Program administration is central to suc-

Program administration is central to success. The program coordinator must be aware of opportunities as they arise and implement a plan to reap the benefits of the experience for the interns.

Offering stipends and housing to interns not only compensates them for their contributions to the program, but also makes it financially possible for them to participate in the program.

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