



## **Summer Internships**

### **UI Nancy M. Cummings Research, Extension, and Education Center**

The University of Idaho Nancy M. Cummings Research, Extension, and Education Center (NMCREEC) is offering four paid Research and Extension Summer Internships for 2017. These 10-week internships will focus on supporting and conducting research and Extension activities at NMCREEC, the Rock Creek Ranch, and the surrounding areas.

**There will be one intern in each of the following areas:**

1. **Range livestock nutrition**
2. **Forage production and research**
3. **Cattle production and management – Irrigated environment**
4. **Cattle management and ranch work – Range environment**

Details follow for each internship. Regardless of focus area, students will be exposed to all research areas. There will be opportunities to learn experimental design, proper sampling techniques, sample preparation, and Extension presentation. Students will be exposed to basic ranch management and procedures. In addition, **All Interns** will develop publications and present information for Extension clients including ranchers and agency personnel. Students will be responsible for assisting with research projects including data collection, data analysis, and research summaries.

Each paid intern will receive a wage of \$11.00/hr and provided with free housing. In general, internships will begin within 2-weeks of the end of spring semester.

Applications will be reviewed beginning **April 10, 2017**. Applications need to include 1) a letter of interest; 2) resume; and 3) copy of transcripts. Letters of interest should include a first and second choice for internship area. Interested students should contact Dr. John Hall, Professor, Extension Beef Specialist & Superintendent NMCREEC at [jbhall@uidaho.edu](mailto:jbhall@uidaho.edu) or 208-756-2749.

The Nancy M. Cummings REEC is the University of Idaho's beef and forage research ranch located near Salmon, ID. Salmon is a small rural community of 3,300 people located over 140 miles from any major city. Summer recreational activities in the area include hiking, fishing, camping, rafting and trail riding.

## Range Livestock Nutrition Internship

With Dr. Jim Sprinkle, help conduct grazing behavior research on rangeland at the Rock Creek Ranch (RCR) near Hailey, Idaho with 24 two-yr-old cows differing in residual feed intake feed efficiency. Data will be collected at two five-day time periods in mid-June and early August and may require camping out for part of the data collection. The intern will assist with 30 day grazing collar deployment (GPS and activity data) and data compilation. There will also be observational grazing behavior data collected



with tablet computers. Additionally, the intern will assist in collecting forage utilization and trend rangeland monitoring data. Being able to ride a horse is a necessity for this project and experience operating an ATV would be helpful as well. The two weeks when collars are deployed and observational data is collected will be long days in excess of 12 hours for 5 days each time. The intern will gain real life experience in grazing behavior research. This internship will start on May 30th and end on August 4<sup>th</sup>, 2017 with one week off (unpaid) from July 3rd through July 7th. Housing will be at NMCREEC except during data collection at RCR.

## Forage Production/Research Internship



This intern will help oversee the management and data collection on various forage research projects at NMCREEC in conjunction with Dr. John Hall and Mrs. Meghan Lew, Research Specialist. The intern will assist with plot layout, planting, irrigation, weed control and harvest. Yield monitoring of irrigated pastures will also be a focus. There is a potential opportunity to assist in upgrading of forage research equipment. In addition, the student will be involved in large scale forage production at NMCREEC. In addition, the student will

assist with some range monitoring activities at Rock Creek Ranch. The student will be able to use one of the forage research projects as an undergraduate research project. It is expected that the forage intern will have a good working knowledge of equipment operation. However, part of the internship will be the opportunity to improve skills in forage equipment operation. This is a 10-week internship with most weekends off. Housing will be at NMCREEC.

## Cattle Production/Management (Irrigated) Internship



This intern will be responsible for overseeing the management of the ICA Grass Futurity Steers at NMCREEC. They will assist Dr. John Hall, Dr. Melinda Ellison, and Meghan Lew with cattle research projects at NMCREEC and Rock Creek Ranch as well as help Mr. Wayne Smith, Ranch Manager, with day-to-day care and management of the cow herd and pastures. Students will learn low-stress cattle handling techniques, cattle working, pregnancy diagnosis, palpation, and pasture management. This intern will be expected to assist with cattle related ranch operations such as fencing and weed control. Other than ability to drive pick-up trucks and learn to operate an ATV, this internship requires

no specialized equipment skills. There will be an opportunity for a partial scholarship to the Lost Rivers Grazing Academy. This is a 10-week internship and the student will have to work some weekends. Housing will be at NMCREEC.



## Cattle Production/Ranch Work (Range) Internship

The primary focus of this internship will be to assist the new Rock Creek Ranch (RCR) manager in managing cattle grazing at RCR and repairing and maintaining infrastructure. This repair and maintenance will include fencing, weed control, assisting with flood irrigation, and other project directed by the manager. The intern will be able to learn ranch, forage, and cattle management. The intern will also assist with data collection days on range research projects, but needs in ranch operations will take precedence. The



The student will need to be able to ride a horse and have experience with herding cattle. It is required that the student will provide their own horse and tack. In compensation for providing their horse, UI will cover all animal care costs including shoeing. This is an internship only for rugged individuals that enjoy the outdoors. Students will be expected to work in all weather conditions. In addition, housing will be on the ranch (near Hailey, ID) in a camping-type arrangement. If the student is from the Hailey area they can commute. This is a 10-week internship, but there is an opportunity for this to be extended.