

# Teaching at a Glance

Academic  
departments

**>50**  
PERCENT

More than half  
of our students  
**receive**  
scholarships

**100**  
%  
Retention rate

The **only** institution in  
Idaho that prepares  
agricultural teachers

**1**  
Bachelor's  
and  
graduate  
degrees  
awarded

**4** University  
Distinguished  
Professors

**200+**

Faculty across the  
state of Idaho

4 Student organizations  
specifically for CALS majors

# Research at a Glance

**\$71**

**MILLION+**  
value of IAES  
facilities, equipment  
and supplies

**\$17.8**

**MILLION** in  
sponsored research

**\$1.1 million**

in wheat variety royalties  
from Limagrain Cereal Seeds

**9**

Research and  
Extension Centers  
across Idaho



**200+**

individuals with  
a research  
appointment

**4,122**

acres of land for  
research and teaching

# UI Extension at a Glance



**49**

UI Extension  
Specialists

**81**

UI Extension  
Educators

**133**

Peer-reviewed  
publications and  
professional journal  
articles



**70,122**

Idaho youth in 4-H

**405,739**

Direct Face-to-  
Face Contacts

**562,769**

Web Sessions



**Federal:** \$2,935,486  
**State:** \$12,609,434  
**County:** \$4,916,240  
**Grants:** \$7,000,000

University of Idaho College of Agricultural Sciences (CALs) advances the health and people, animals and the environment. Students are finding solutions to the most critical challenges in order to create an abundant food and energy supply, environment, and successful families and communities.

## Consumer Perceptions

Graduate student Maggie Elliot completed a research project to better understand consumer perceptions of agriculture.

Information from her study will help Maggie assist others in finding ways to better communicate with consumers.

## Focus

Student Drew Papineau gained valuable experience as the student manager for the Steer-a-gram, a 65-head beef cattle feedlot on the campus.

Hands-on experience helped him land a job as a feeder in Texas, the second largest feedlot in the country.

## Organic Agriculture Center

The center acquired the 48-acre Sandpoint Orchard, which is now known as the Sandpoint Organic Agriculture Center and will be the first U of I center to focus on organic farming and organic-certified production.

The center will offer hands-on internships for students and a location for CALs faculty to conduct research and programs on biological control, crop rotation, soil health, native plant landscaping, food safety, organic food processing, food safety and animal health.

University of Idaho

College of Agricultural  
and Life Sciences

[www.uidaho.edu/cals](http://www.uidaho.edu/cals)

## Impacting Idaho's Economy

- An economic analysis of IAES reports a **141 percent return on research spending** and farm sales.
- In 2017, IAES spent \$8.1 million on research and **created \$11.5 million in additional sales**. IAES also generated **\$3.8 million in new grant funding** at the Kimberly, Aberdeen and Parma Research and Extension Centers.

## National Academy of Inventors

- CALS environmental chemist Greg Moller was inducted into the **National Academy of Inventors** in 2018.
- Moller holds **six patents** that are licensed by companies that treat wastewater. He leads a U of I team that is **among four finalists in The Everglades Foundation's \$10 million George Barley Water Prize** competition.

## Rinker Rock Creek Ranch

- The purchase of **Rinker Rock Creek Ranch** will help move forward major initiatives focused on **cattle production and rangelands**.
- CALS grazes cattle at the ranch as part of the Nancy M. Cummings Research, Extension and Education Center's research efforts. Weed scientists conduct research at the ranch to aid noxious weed management.

## Milk Production Disease Research

- CALS nutritionist Shelley McGuire will lead a new **\$2.4 million project** funded by the National Institutes of Health to **explore the cause of mastitis in women and cows**.
- The project will **explore how the presence and function of bacteria in the mammary gland changes during the first six weeks after birth and how those changes affect whether mastitis develops**.
- IAES director and lactation physiologist Mark McGuire will collaborate on the research.



University of Idaho

Idaho Agricultural  
Experiment Station



[www.uidaho.edu/cals/iaes](http://www.uidaho.edu/cals/iaes)

## Agriculture & Natural Resources

- The economic impact of UI Extension Farm and Ranch Management School programs was **\$1,687,850**.
- **PNWPestalert.net** subscribers are using **5.76 percent less pesticides** on their crops. Subscribers to the website increased **6.8 percent** in 2017.
- A survey of **Idaho family forest owners** who received assistance, revealed that **100 percent** were satisfied or very satisfied with UI Extension.
- Over **50 pivots** were retrofitted to **low elevation sprayer application** as a result of UI Extension work.

## Family and Consumer Sciences

- UI Extension's Eat Smart Idaho program worked with **over 146 community partners** to provide nutrition education and physical activity programming to low-resource Idahoans in **37 of Idaho's 44 counties**.
- Environmental changes were made in **29 schools & 41 food pantries/food drives** to make the healthy choice the easy choice. A social media campaign on healthy eating reached **215,717 low-resource individuals**.
- A survey of food safety and dairy processing workshop participants indicated the project helped create and retain jobs with **\$11,663,522 in economic impact**.
- Over **300 people** participated in the **Preserve@Home** online food preservation course.

## Community Development

- The online course, **Start Your Own Business**, had more than **150 people** enrolled. The course is offered in English and Spanish.
- **15 librarians** and **12 members** of a youth/adult coalition participated in the **Leadership to Make a Difference Institute** from rural areas in North Idaho.

## 4-H Youth Development

- 4-H programs reached more than **70,000 youth**.
- There are **288 FIRST Robotics teams** across the state.
- Youth participated in over **30,000 animal projects**.



University of Idaho  
Extension

Barbara Petty, UI Extension Director

Phone: 208.387.1234 | Fax: 208.387.5999