



University of Idaho

College of Agricultural
and Life Sciences



**STATE OF THE COLLEGE OF
AGRICULTURAL AND LIFE SCIENCES**

**Michael P. Parrella, Dean
College of Agricultural and Life Science**

Jan 27, 2022

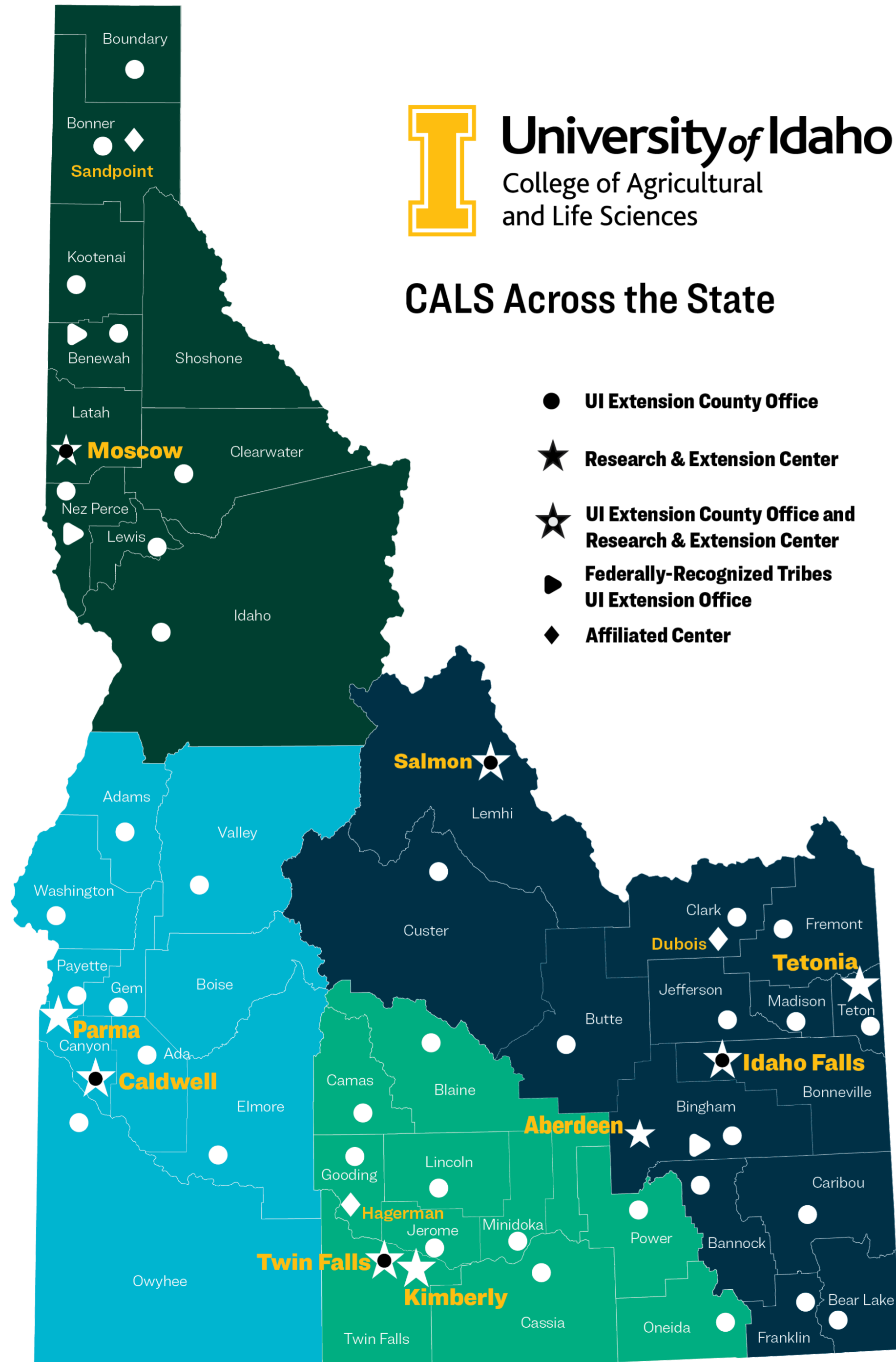
**Senate Agricultural Affairs Committee
Chairman: Senator Van Burtenshaw**

OVERVIEW OF PRESENTATION

- CALS: Agricultural Experiment Station and Extension
- CALS enrollment status
- Update on capital projects
- Faculty and staff salaries, retention/turnover, timeline for hiring
- Challenges facing WIMU: the Washington, Idaho, Montana and Utah Veterinary Science program with Washington State University



CALS Across the State



LAND GRANT MISSION

TEACHING, RESEARCH & OUTREACH

- >200 Faculty (half located off-campus)
- >700 Staff
- 9 Research and Extension Centers
 - Access to over 14,000 acres
- UI Extension offices in 42/44 counties
 - 81 Educators, 49 Specialists
 - >265,000 face-to-face contacts in 2021 in a COVID dominated year
- 774 undergraduate students
- 174 graduate students
- 7 academic departments offering over 40 grad/undergrad programs



Idaho Agricultural Experiment Station

Research meeting the needs of Idaho agriculture



Palouse Research, Extension & Education Center



Parma Research & Extension Center

Caldwell Research & Extension Center



Kimberly & Twin Falls
Research & Extension Centers



Nancy M. Cummings Research,
Extension & Education Center

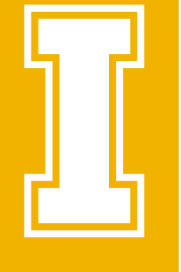


Tetonia Research
& Extension Center

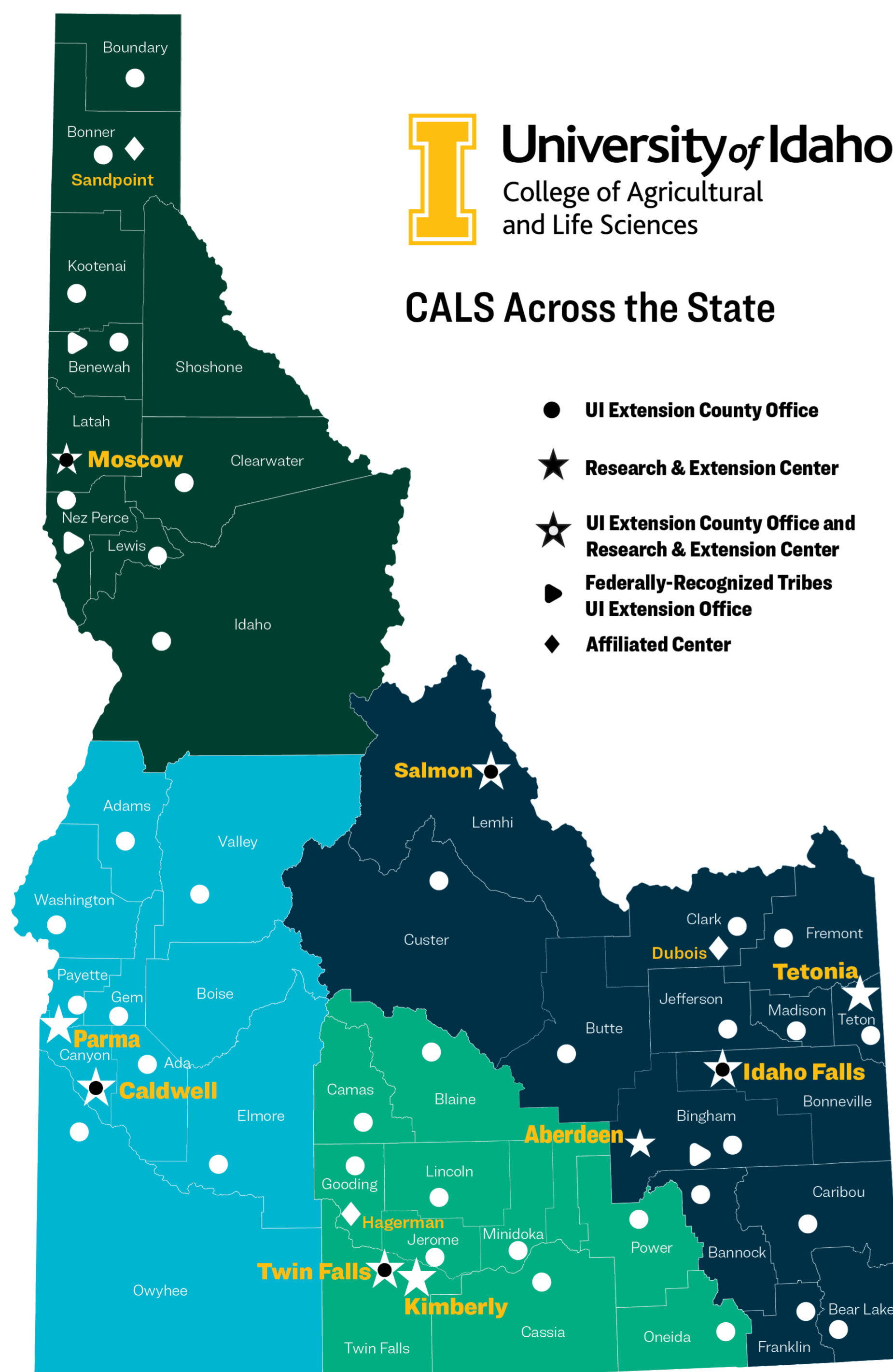


Aberdeen & Idaho Falls
Research & Extension Centers





CALS Across the State



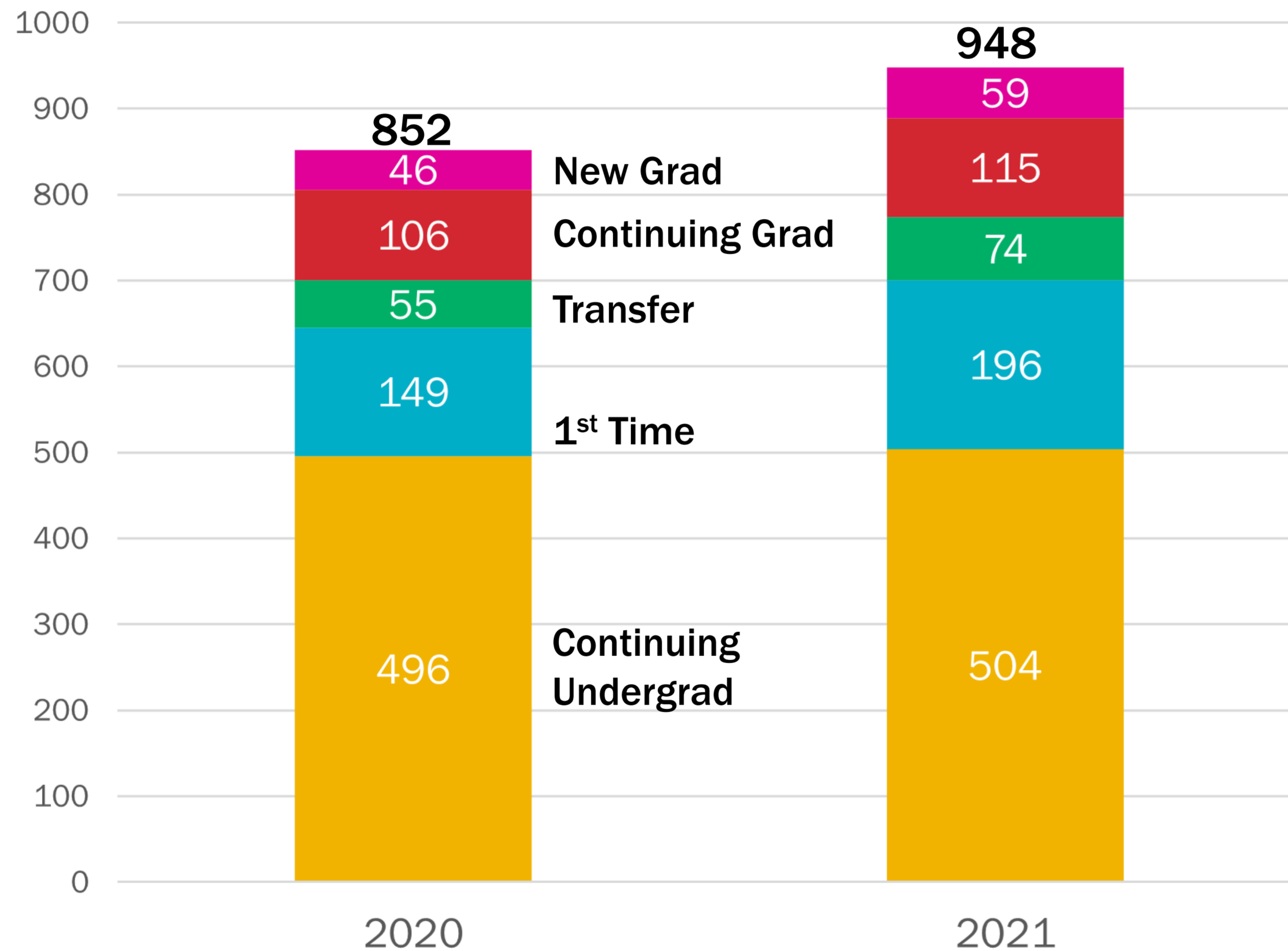
LAND GRANT MISSION

TEACHING, RESEARCH & OUTREACH

- In 2021, over 51,000 Idaho youth were involved with UI Extension 4-H Youth Development
 - 14,000 4-H club members
- >\$1M in scholarships awarded
 - Most per student of any U of I college
 - Welcomed the 3rd cohort of Chobani Scholars
- Only institution in Idaho to prepare ag teachers
 - 97/115 districts have ag programs
 - 90% of Idaho ag teachers have a CALS degree
- Top college at U of I in research expenditures
 - 20% of sponsored project activity on campus
 - \$36 million in research funding in FY21



College of Agricultural and Life Sciences Student Census Data



CALS Enrollment Highlights 2020 to 2021

- Undergraduates: 700 → 774
- Graduate students: 152 → 174

Led All Colleges (CALS; UI avg)

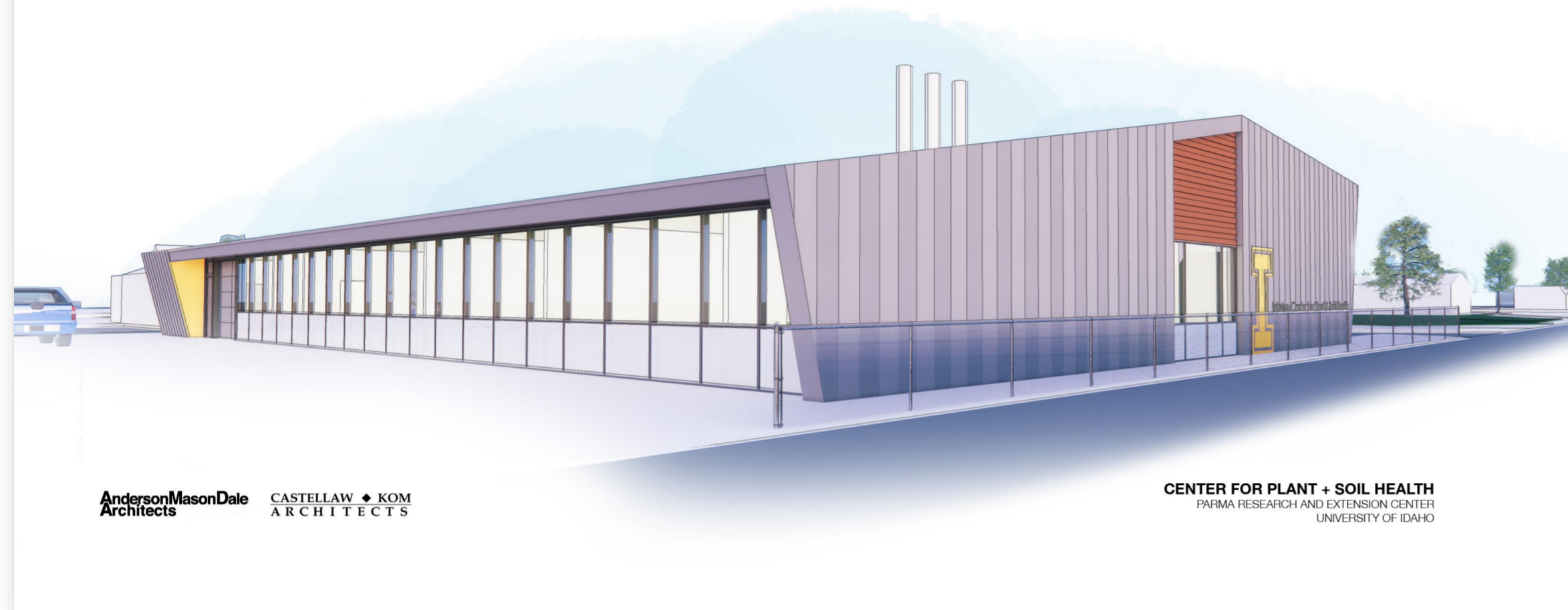
- New Students (31.6%; 16.3%)
- Undergraduates (10.6%; 0.4%)
- Total Students (11.3%; 4.7%)

SEED POTATO GERMPLASM FACILITY MOSCOW



- This facility will triple seed potato production and create plantlets free from viruses and other diseases
- Maintain more than 300 cultivars in support of the tri-state potato agreement and nationwide breeding programs
- Opened in December 2021
- Grand opening March 28, 2022
- **\$5.6 million** project cost
 - \$1.25 million from Idaho Potato Commission
 - \$3 million from state legislature
 - \$250,000 from Northwest Farm Credit Services
 - \$1.1 million from U of I CALS

IDAHO CENTER FOR PLANT AND SOIL HEALTH



- Renovations to the **Parma Research and Extension Center** facilities including **equipment and infrastructure** to support research and Extension efforts
- Enhance **recruitment/retention** of best faculty, expand **graduate student** training and attract **nationally competitive** grant funding
- Serve **all of Idaho agriculture**
- Campaign launched in March 2019
- **\$7 million** project cost
 - \$1 million contribution by U of I CALS
 - \$3 million raised from industry to date
 - \$3 million from state legislature
- Presenting to the SBOE for construction approval in February 2022

IdahoCAFE

Center for Agriculture, Food and the Environment

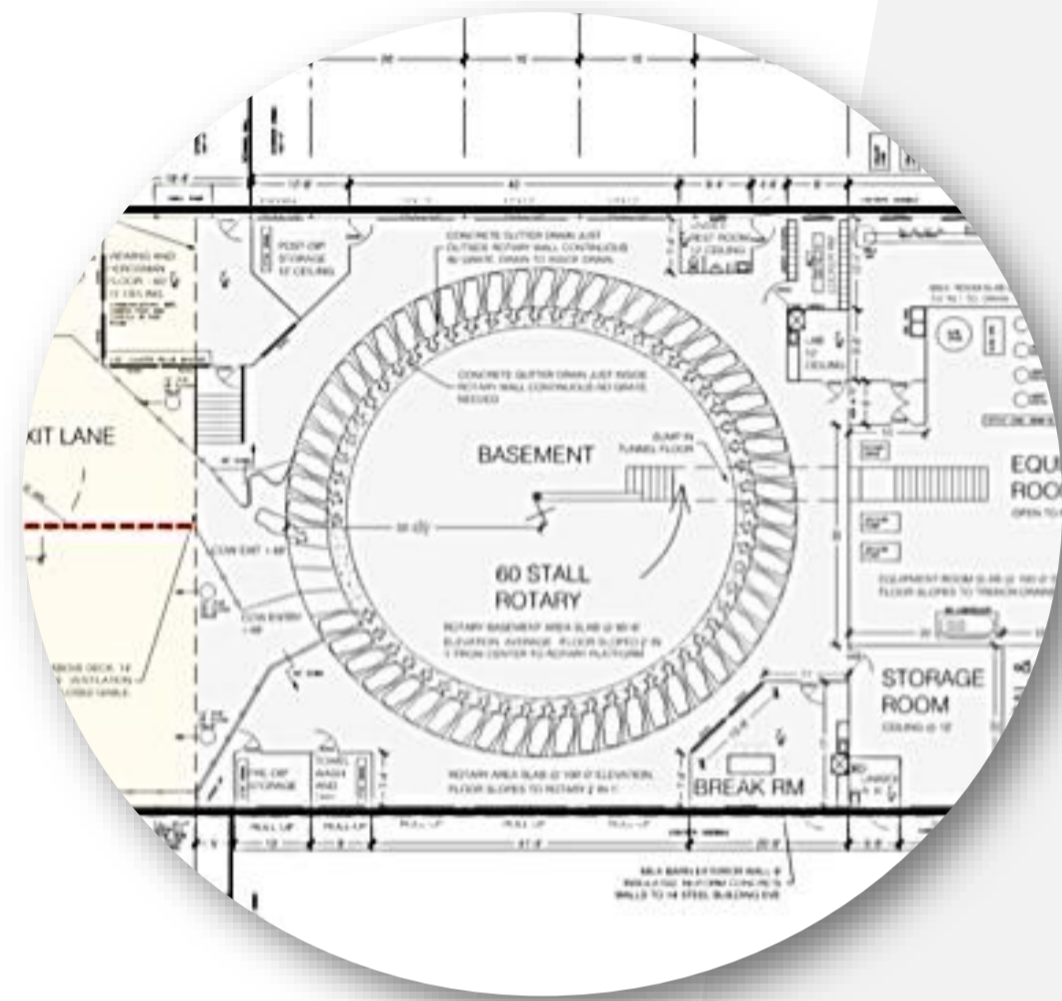


The **Idaho Center for Agriculture, Food and the Environment (CAFE)** will be the country's **largest** and **most advanced** research center targeting the dairy and allied industries. The dairy will have a herd size of **2,000 animals** and will be located in the heart of the state's dairy producing region. While research data generated at CAFE will have broad implications across the U.S., the **semi-arid environment** where most of Idaho's dairies are located will make CAFE's research indispensable in the **water-constrained West**.

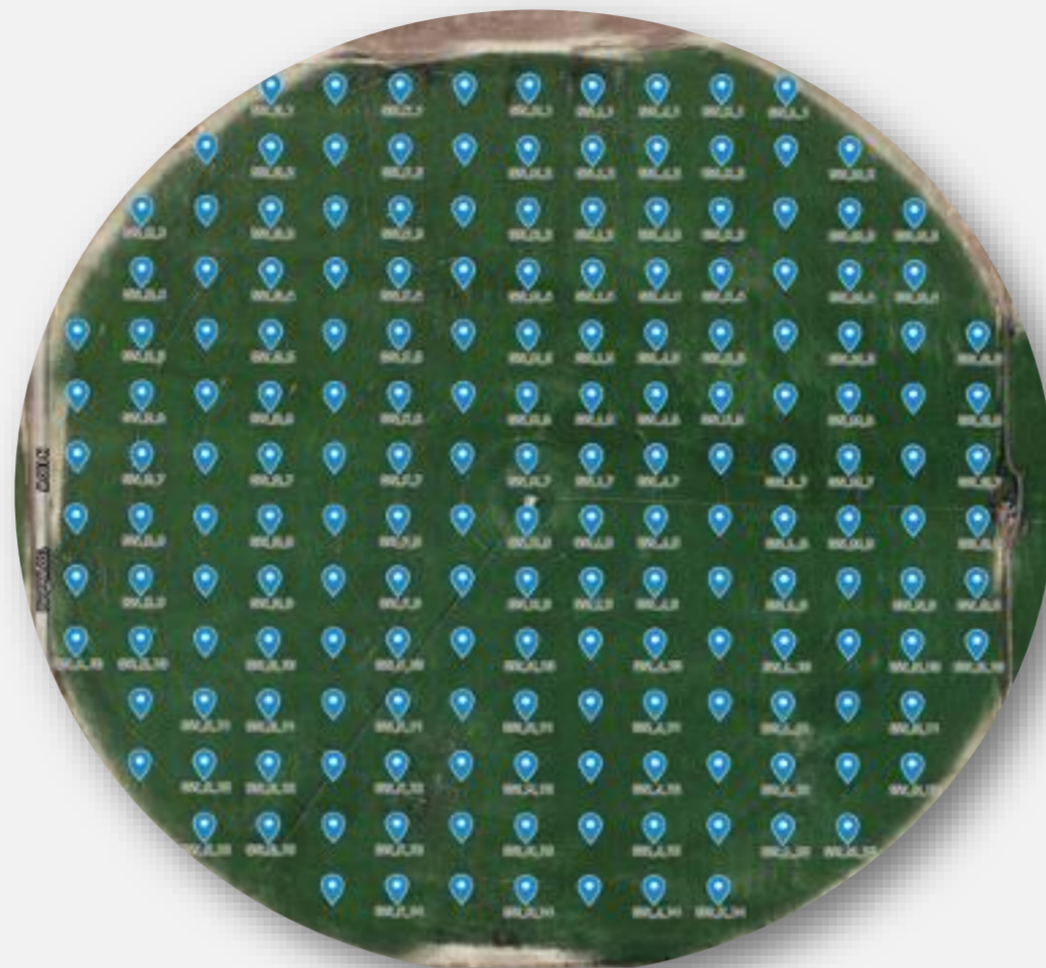
Through applied **research, teaching** and **Extension**, CAFE will be a sustainable agriculture system focused on providing global solutions to ongoing issues facing agriculture, food, the environment and society now and for years to come.



COMPONENTS OF CAFE



RESEARCH
DAIRY



DEMONSTRATION
FARM



DISCOVERY
COMPLEX



FOOD PROCESSING
RESEARCH



WORKFORCE DEVELOPMENT
2+2 DEGREES

IdahoCAFE

Center for Agriculture, Food and the Environment



- **June 2020** \$400k investment from Anheuser-Busch Foundation to support **agronomic research** at the Demonstration Farm
- **Aug. 2021** First grower field day held at the Demonstration Farm
- **Nov. 2021** SBOE approves dairy construction (\$25.5 million)
- **Feb. 2022** Discussion with the Idaho Department of Lands about investment from the sale of the Caldwell R&E Center property into CAFÉ
- **March 2022** Final design of the Research Dairy completed
- **April 2022** Bid for construction
- **June 2022** Construction begins
- **Oct. 2023** First cows milking at the Research Dairy



FACULTY AND STAFF RETENTION ISSUES

- Over the past 12 months, CALS has lost 22 faculty and 53 staff positions for an overall turnover rate of 16%.
- The greatest impact is at our Research and Extension Centers and county offices.

WIMU REGIONAL PROGRAM IN VETERINARY MEDICINE

Will the legislature consider convening a task force to examine a better path forward for WIMU:

- In its current form, is WIMU satisfying the needs of the livestock industry in Idaho?
- Can we increase the number of students entering the WIMU program from Idaho?
- In discussions with WSU, we are considering a 3+1 agreement (similar to what Montana has with WIMU) where 1st year students are taught on the Moscow campus.





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THANK YOU

Michael P. Parrella

Dean

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