Agriculture and Extension

- Minnesota Agricultural Experiment Station
- Extension
- College of Food, Agricultural and Natural Resource Sciences
- College of Veterinary Medicine
MN Agriculture Experiment Station

MN Agricultural Experiment Station
Ag State Special and Operations & Maintenance Appropriation
Fiscal Years 2010 - 2020

Operations and Maintenance Funds
Ag State Special Funds
Connecting every county with the University of Minnesota

87% Extension offices are strategically located across the state.

65% percent of Extension faculty and staff work in Greater Minnesota

35K+ trained volunteers multiply our reach

2021 budget

Grants, gifts and other: $19.9 million (20.8%) Individuals and organizations provide support for valuable Extension opportunities important to them.

Counties: $17.4 million (22.8%) Investments in county 4-H and other Extension programs are delivered locally.

State: $21 million (37.6%) Investments are leveraged through collaborations with Minnesota state agencies, including departments of agriculture, health, human services, natural resources, and education.

Federal: $10.6 million (13.8%) The U.S. Department of Agriculture supports Extension research and Extension education.

During the COVID-19 pandemic, Extension is at work across rural, suburban, urban and tribal communities.

More than 1,000,000 people are reached annually by Extension education.

Shaping a lifetime of leadership in young people through Minnesota 4-H.

Minnesota 4-H hosted 89 local shows across the state that engaged more than 3,000 youth, 2,500 volunteers, and 4,200 judges.

Strengthening Minnesota’s food and agriculture

Extension research and education improves crop yields, animal health, farm productivity and water conservation across Minnesota’s 68,000 farms.

Encouraging responsible lawn and garden practices through a 2,400-stong Master Gardener volunteer force

Applications for the Master Gardener volunteer program rose by 160% in 2020.

Creating healthier families for 193,000 people through SNAP-Ed.

X,772 Minnesotans learned how to create a two-week grocery and meal plan to prepare for possible quarantine exposure to COVID-19. The plan was made flexible for food shelf clients.

Protecting natural resources, including soil, water, and woodlands

Last year, more than 2,000 Minnesota Master Naturalists and community science volunteers found and reported invasive species, revealed public lands, and collected scientific data for researchers.

Understanding what makes communities welcoming, economically vibrant and well-lived.

100+ economic analyses inform local community decisions each year and 25 communities are Extension learning groups.

University of Minnesota Extension

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Extension 2020-21 budget: $77M

- State: 37.6%
- Federal: 22.8%
- County: 13.8%
- Grants, Gifts and Other: 25.8%
MN Extension
State Specials and O&M FY10-FY21
Extension funding trends
CFANS RESEARCH

FY20 YEAR IN REVIEW

TOTAL SPONSORED PROJECT AWARDS

The College of Food, Agricultural and Natural Resource Sciences (CFANS) is a national leader in innovative scientific discovery. The work of its talented researchers cultivates breakthrough solutions to today's greatest challenges, all with an exemplary commitment to diverse views and research ethics.

AWARDS AND SUBMISSIONS

195 distinct funders provided funding for CFANS researchers in FY20

413 sponsored project awards received by CFANS in FY20

681 sponsored research proposals submitted by CFANS in FY20

INTELLECTUAL PROPERTY

CFANS projects with discoveries. The University is in the top 10 for technology transfer and 2nd in the Big Ten for "Innovation Impact."

FUNDING SOURCES

Funding for CFANS cutting-edge research comes from partners of all sizes and specialties.

5 New startup launches in FY20

11 Inventions and patents issued in FY20

31 New publications in FY20

11 Inventions and patents freely available in past five years

80 New inventions in the past five years

233 New inventions in the past five years

CFANS vision is to advance Minnesota as a global leader in food, agriculture, and natural resources through extraordinary education, research, and outreach. CFANS supports a dynamic public engagement that reaches people and enhances the environment in which we live.
College of Food, Agricultural, and Natural Resource Sciences
2019-2020 Resources: $158.2 Million

- **Tuition and Fees**: $34.4 million (22%)
- **Operations and Maintenance**: $36.0 million (23%)
- **Sales and Other Revenue**: $30.5 million (19%)
- **Gifts**: $23.0 million (14%)
- **ICR**: $7.2 million (5%)
- **State Special**: $22.0 million (14%)

**Federal Allocation**: $5.3 million (3%)
College of Food, Agricultural, and Natural Resource Sciences
Major Fund Area Trends (Millions)

- Operations and Maintenance
- Tuition and Fees
- Sales and Other Revenue
- Gifts
- ICR
- Federal Allocation
- State Special
College of Food, Agricultural, and Natural Resource Sciences
State Funding Trends (Millions)

- $33.4 (2013/14)
- $32.3 (2014/15)
- $32.9 (2015/16)
- $33.1 (2016/17)
- $33.9 (2017/18)
- $34.8 (2018/19)
- $36.0 (2019/20)

- $22.0 (State Special)
- $22.0 (Operations and Maintenance)
Advancements

Meeting the demand for veterinary care
A partnership with South Dakota State University will produce more veterinarians in rural areas in Minnesota and the Upper Midwest. Meanwhile, a community medicine initiative is teaching students to work in underserved communities.

Improving COVID-19 surveillance
An on-campus study is investigating COVID-19 infection rates and the performance and efficiency of PCR testing instead of blood testing. Results suggest saliva and nasal swabs are more reliable, supporting our ability to serve animal health during recent outbreaks.

Measuring antimicrobial use in livestock
With NSF-AP funding, faculty developed a lab system for collecting and analyzing antimicrobial use data from beef, dairy, swine, poultry, and chicken production settings. The goal is to increase our ability to use effective antimicrobials to treat human and animal disease.

Enhanced disease surveillance
The Minnesota Veterinary Diagnostic Laboratory is increasing its surge capacity to deliver faster services to farmers when an infectious disease breaks out. Recent outbreaks have demonstrated the value of fast, accurate results that drive decision-making.

Service
Veterinary Diagnostic Laboratory
- Official laboratory of the Minnesota Board of Animal Health
- 1 million procedures completed annually
- Federally accredited and networked

Veterinary Medical Center
- Over 32,000 patient visits — one of the busiest veterinary teaching hospitals in the world
- 57 veterinarians and nearly 100 technicians in 15 service areas

The Raptor Center
- More than 900 raptors treated in 2020
- Educating thousands of people through virtual programming
- Training veterinarians and students from around the world in raptor medicine and rehabilitation

Funding (FY 2020)
Revenue: $130.2 million

Expenses: $126.1 million
Revenues – FY2020
$130.5 million

- Tuition: $19.3 million (15%)
- Sponsored: $36.1 million (28%)
- Clinical Income: $38.7 million (30%)
- VDL State Special: $3.5 million (3%)
- AES/MES: $1.8 million (1%)
- Indirect Cost Recovery: $4.2 million (3%)
- Other: $9.9 million (7%)
- Operations and Maintenance: $16.9 million (13%)
Expenses – FY2020
$126.1 million

- Salary and Fringe: $60.1 million (48%)
- Research: $26.6 million (21%)
- UM Infrastructure: $18.1 million (14%)
- Lab/Medical Supplies: $7.1 million (6%)
- Other: $11.3 million (9%)
- Construction/Equipment: $2.9 million (2%)
Funding Trends – 2013-2020

The graph illustrates the trend of various funding sources from FY14 to FY20. The categories include:
- State
- AES/MES
- VDL State
- Tuition
- Sponsored Research
- Clinical & Diagnostic Income
- Indirect Cost Recovery
- Other

Each category is represented by a line graph showing its financial trend over the years.
Thank you!