Colorado State University is a research powerhouse, consistently counted among the top performing research universities in the nation – with more than $400 million in expenditures. Our researchers are leaders in atmospheric science, energy, water, veterinary and translational medicine, natural resources, chemistry, occupational therapy, and anthropology, and with ongoing and traditional strength in areas such as engineering and food production.

$407.3M in research expenditures in fiscal year 2020

**1** University for sustainability research
Source: 2020 Sustainable Campus Index

**#3** Veterinary Medicine program in the Nation
Source: 2019 U.S. News & World Report

**#1** Ten best universities solving the coronavirus pandemic
Source: 2020 SuccessfulStudent.org

**TOP 25** Public Health University in the Nation
Source: 2019 U.S. News & World Report

**ALAN RUDOLPH**
Vice President for Research
Alan.Rudolph@colostate.edu

**Intellectual Property, Licenses and Startups**

177 PATENT APPLICATIONS
116 INVENTION DISCLOSURES
69 ISSUED PATENTS
32 LICENSE AGREEMENTS
5 STARTUP COMPANIES

**VICE PRESIDENT FOR RESEARCH**
**COLORADO STATE UNIVERSITY**

Explore articles, photos, videos, and illustrations about research projects from across Colorado State University.
Source.colostate.edu

- Solving the COVID-19 Pandemic is a significant undertaking
- Research In the News
The CIP mission is to facilitate and position Colorado State University, through the creation and support of interdisciplinary research teams tackling grand societal and scientific challenges, to achieve global solutions, in accordance with our land grant heritage.

- $23M+ awarded to the first two CIP cohorts
- 8 teams between cohort 1 & 2
- 168 PUBLICATIONS
- 289 PLUS internal team members
- 8 PLUS external team members 77+

**RESEARCH** Expenditures (FY20)

*Dollars in millions*

- Engineering: $42.7
- Geosciences, Atmospheric Sciences, and Ocean Sciences: $67.6
- Life Sciences: $237.6
- Non-S&E Fields: $21.0
- Physical Sciences: $11.6
- Social Sciences: $11.2
- Computer Information Sciences: $4.3
- Mathematics and Statistics: $4.2
- Other Sciences: $4.0
- Psychology: $3.3

**Total**: $407.3 MILION

- Center for Environmental Management of Military Lands, CEMML
- Scientists will have provided wildland fire support at multiple Air Force installations across the country, among other projects.

- Cooperative Institute for Research in the Atmosphere, CIRA
- Scientists will have collaborated on projects with the National Weather Service Meteorological Development Lab and continue work on CloudSat, a satellite mission designed to measure the vertical structure of clouds from space.

- Colorado State Forest Service
  - This included $7 million from the USDA Forest Service’s Forest Legacy Program to help oversee the permanent protection of the 16,723 acre Banded Peak Ranch in Colorado’s southern San Juan Mountains.
  - Partners involved in the project include The Conservation Fund and the Forest Service.

- Infectious Disease Research Center
  - Including $6 million from the Coalition for Epidemic Preparedness Innovations CEPI to develop a human vaccine against Rift Valley fever, a potentially fatal virus is found across Africa and now emerging in the Middle East.

- Department of Microbiology, Immunology and Pathology
  - This included a project to study viral pathogens of bats in Uganda among others.

1 of 6 universities in the U.S. to be designated as an Innovation and Economic Prosperity University

Five National Academy of Sciences Members

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