

# COVID-19: How is UCalgary helping?



UNIVERSITY OF  
CALGARY



## Research and Expertise

**Over 80** COVID-related research projects are underway



**Testing local wastewater to detect outbreaks earlier**



**Analyzing AHS data to inform local pandemic response**



**Reopened a Biosafety Level 3 (BSL-3) lab for research and health innovation**



**Developed a new rapid test that provides results in 30 minutes**



**Timely testing for Alberta's International Border Testing Program**

The UCalgary COVID Analytics and Strategic Group **is analyzing Alberta Health Services data** to inform response recommendations for Calgary and Alberta.

UCalgary-led research teams have received over **\$10 million in government funding** to address COVID-19.

UCalgary **experts in nursing and social work** are leading and contributing to a national initiative for vaccine education and myth-busting.

UCalgary, AHS and The City of Calgary are identifying outbreaks by **testing local water**.

## Entrepreneurship and Innovation

Innovate Calgary **is supporting more than 8 new projects that are commercializing innovations to support the fight against COVID-19**. Examples:

- Double mask CPAP
- Multi-ventilator system
- Emergency ventilators
- Rapid diagnostic tools
- 3D printed swabs and other devices

The Creative Destruction Lab - Rockies **is delivering CDL Recovery**, a new program that will accelerate the development of data-based solutions to manage COVID-19.

Innovate Calgary **is supporting firms at the Life Sciences Innovation Hub** who are pivoting their businesses to produce **essential medical goods and services**.

The Hunter Hub for Entrepreneurial Thinking hosted the COVID-19 Intervention Challenge (CIC) **engaging 200+ students in 56 teams from 10 post-secondary institutions** to build innovative solutions for non-traditional COVID-19 care spaces.



## Education and Training

The Cumming School of Medicine is upskilling physicians to respond to the pandemic:

**225+ physicians** completed PPE simulation training

**1,400+ physicians and residents** have registered for PPE equipment certification

**19+ COVID Corner webinars for 10,000+ healthcare professionals**

UCalgary

**100** spring and summer courses added in response to increased demand.



## Resources, Supplies, and Support

### The Cumming School of Medicine

- **Coordinated institutional contributions** to address shortages for reagents and PPE.
- **Recruited over 765 volunteers** to help with contract tracing.
- **Coordinated the Calgary zone front-line clinical duties call** for MD Workforce volunteers.

Over 100 Cumming School of Medicine students volunteered to provide childcare, pet-care and grocery pick-ups for healthcare practitioners.

### The Werklund School of Education

**Coordinated online volunteer tutors** for K-12 students. Over 220 pre-service teachers provided free individualized support for over 400 Alberta primary and secondary students.

## Fundraising

### UCalgary

Two new funds in response to the pandemic:

**\$113,383 raised for COVID-19 Research Funds**

**\$26,171 raised for COVID-19 Student Relief Fund.**

### UCalgary's Giving Day

**raised more than \$170,000** for other COVID-19-related funds, including those that advance vaccine research and health-care readiness.