

Physicians Fear Rapid Incline of Third Wave COVID-19 Variant Crisis

Hosted by:

Calgary and Area Medical Staff Society

Supported by:

Edmonton Zone Medical Staff Association

April 7, 2021

Introductions

Dr. Scott Beach

President, Calgary and Area Medical Staff Society

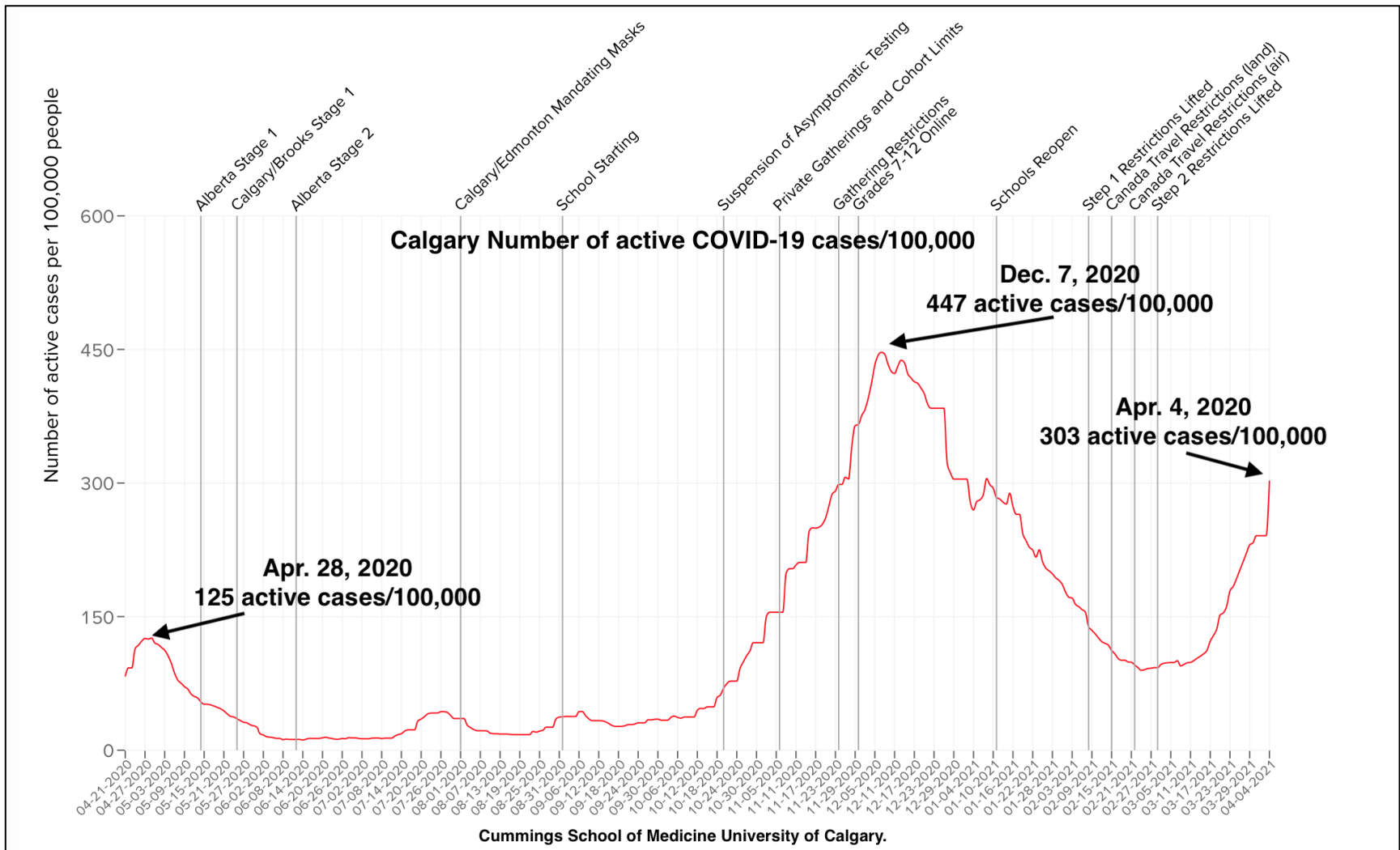
Dr. Cheryl Mack

Vice-President, Edmonton Zone Medical Staff Association

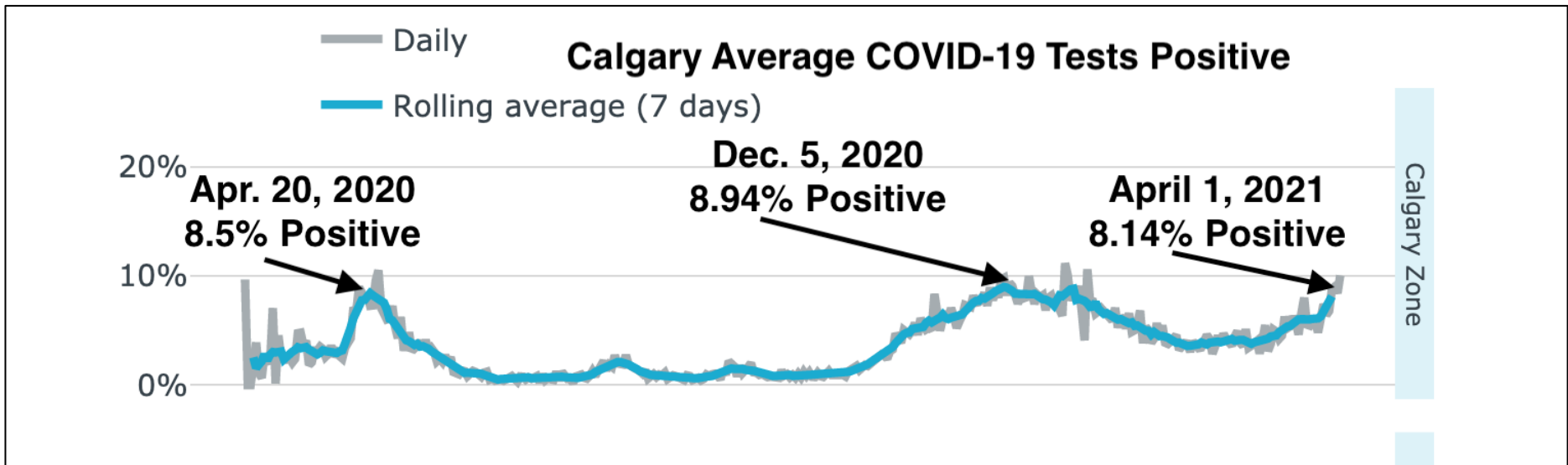
Calgary COVID-19 Data Trends

Dr. James Talbot

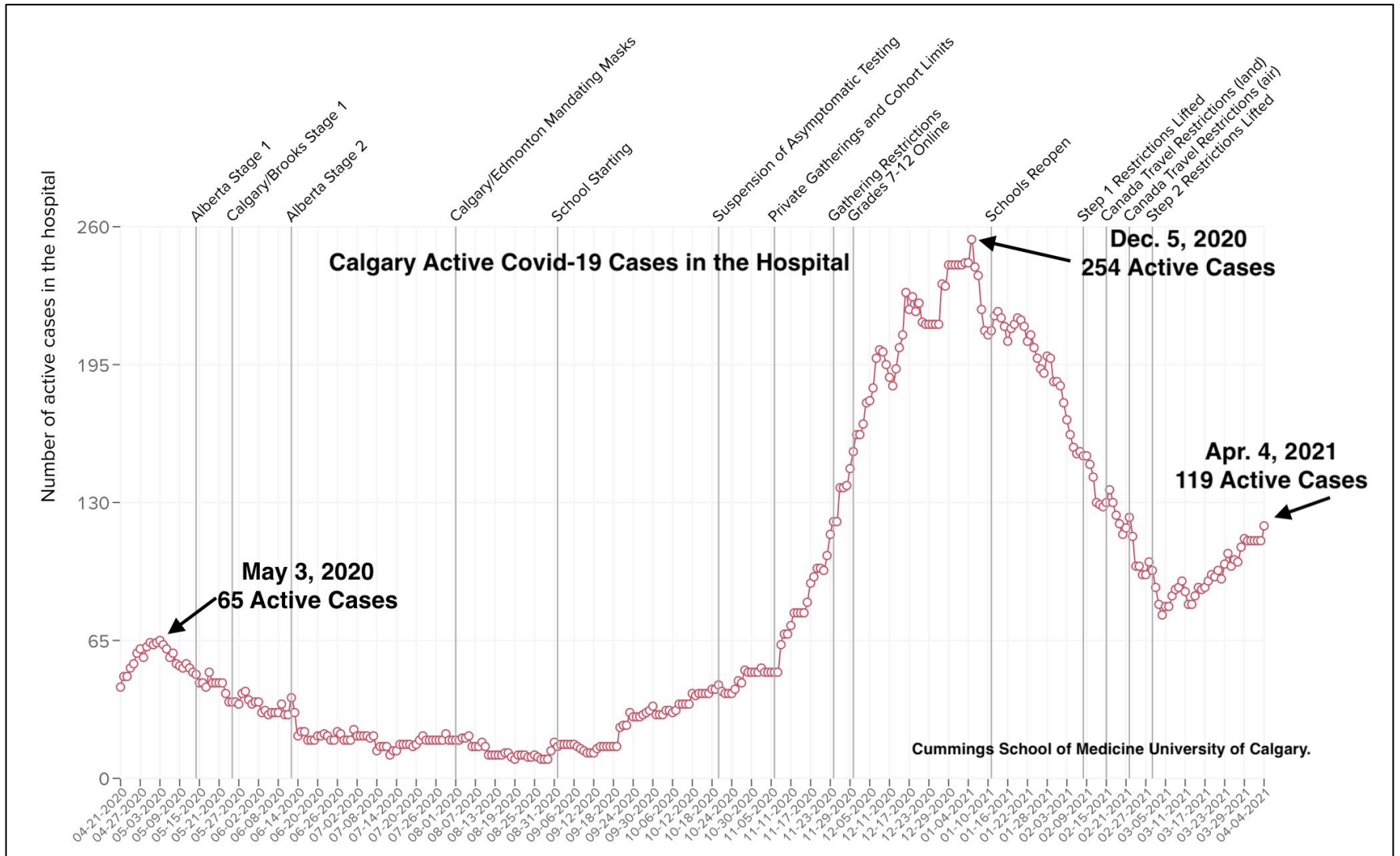
Co-Chair, Strategic COVID-19 Pandemic Committee of the
Edmonton Zone Medical Staff Association, and
Adjunct Professor, School of Public Health, University of Alberta



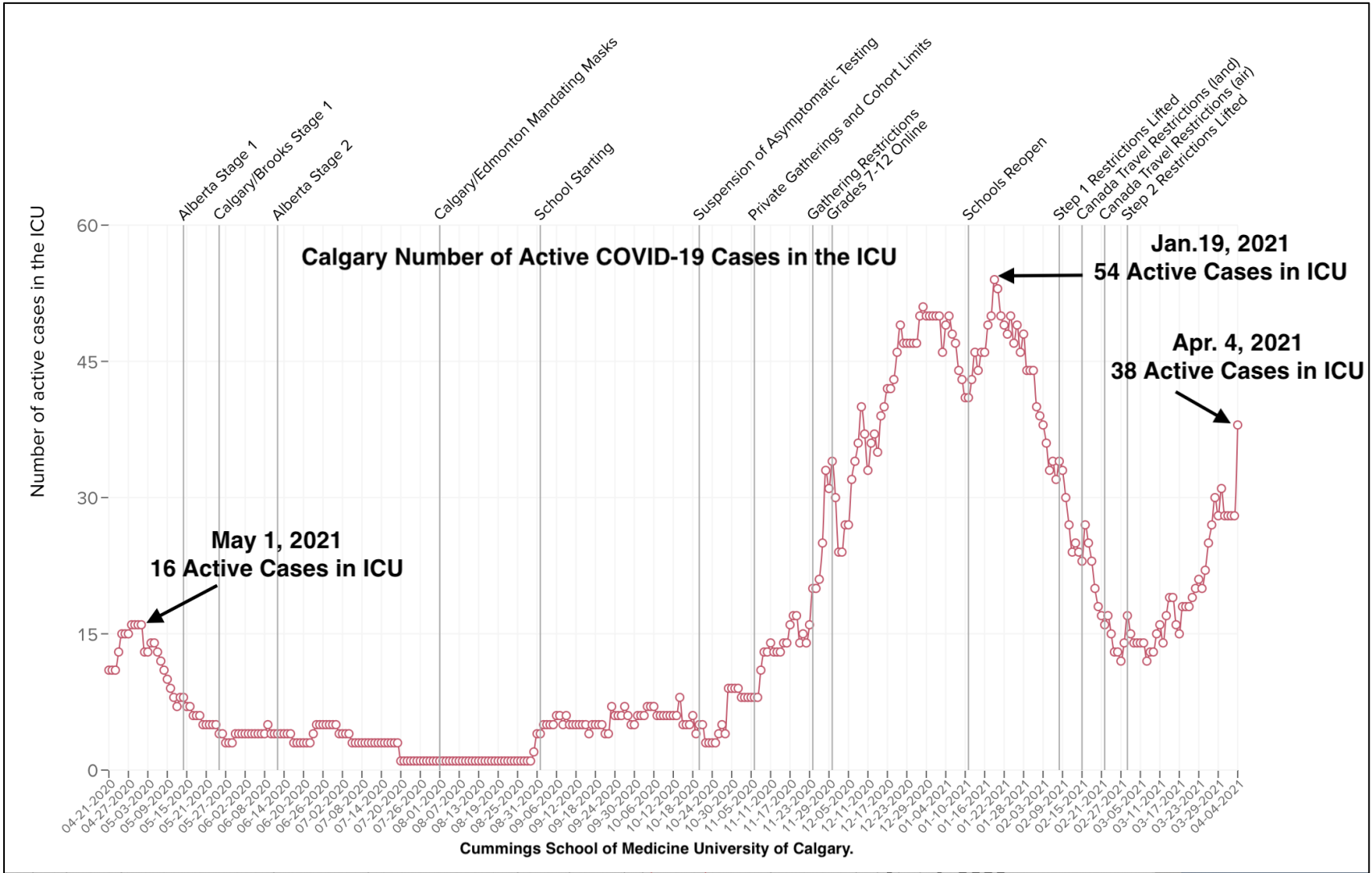
Data Source: Centre for Health Informatics, Cumming School of Medicine, University of Calgary
 Analysis: Dr. James Talbot



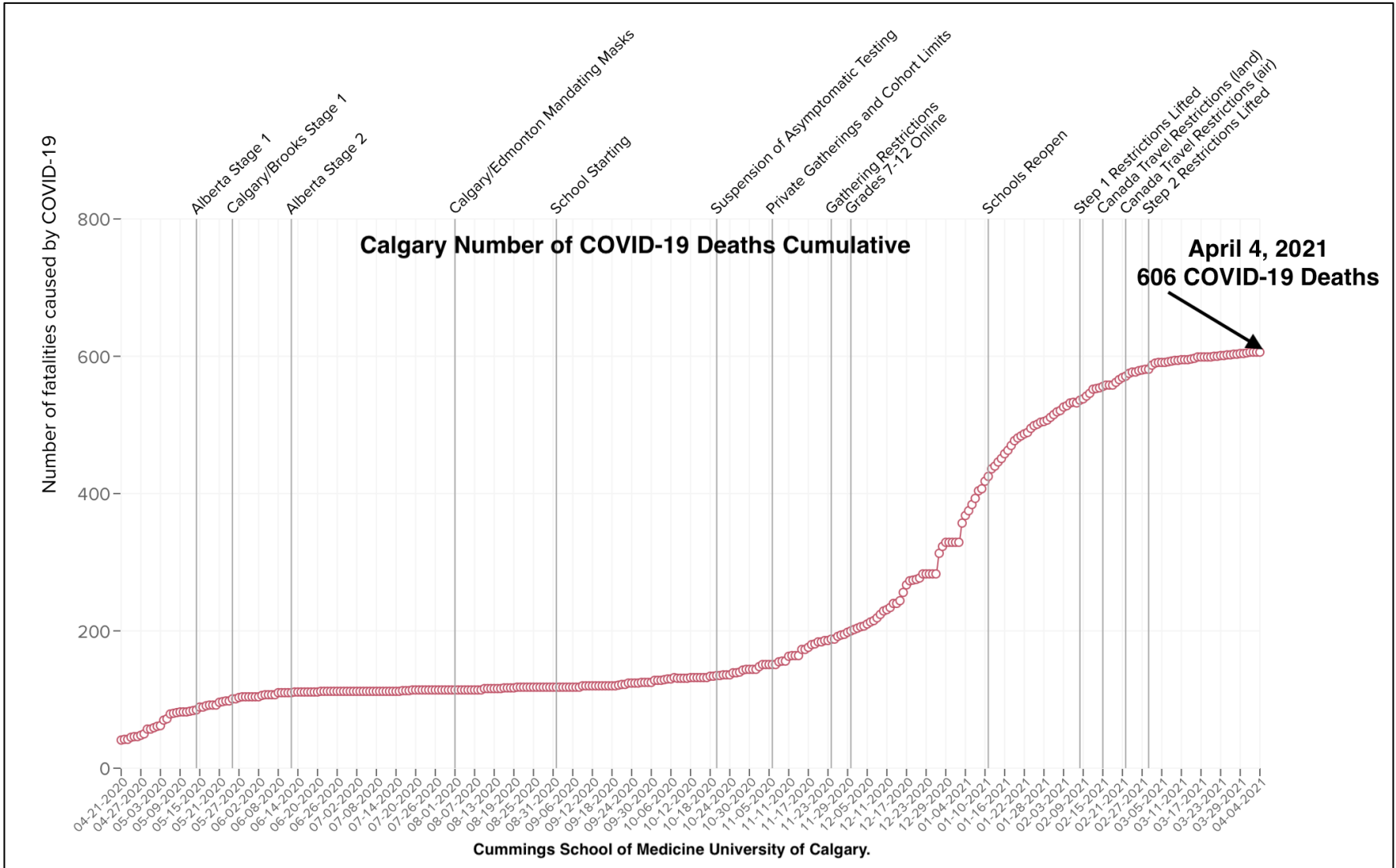
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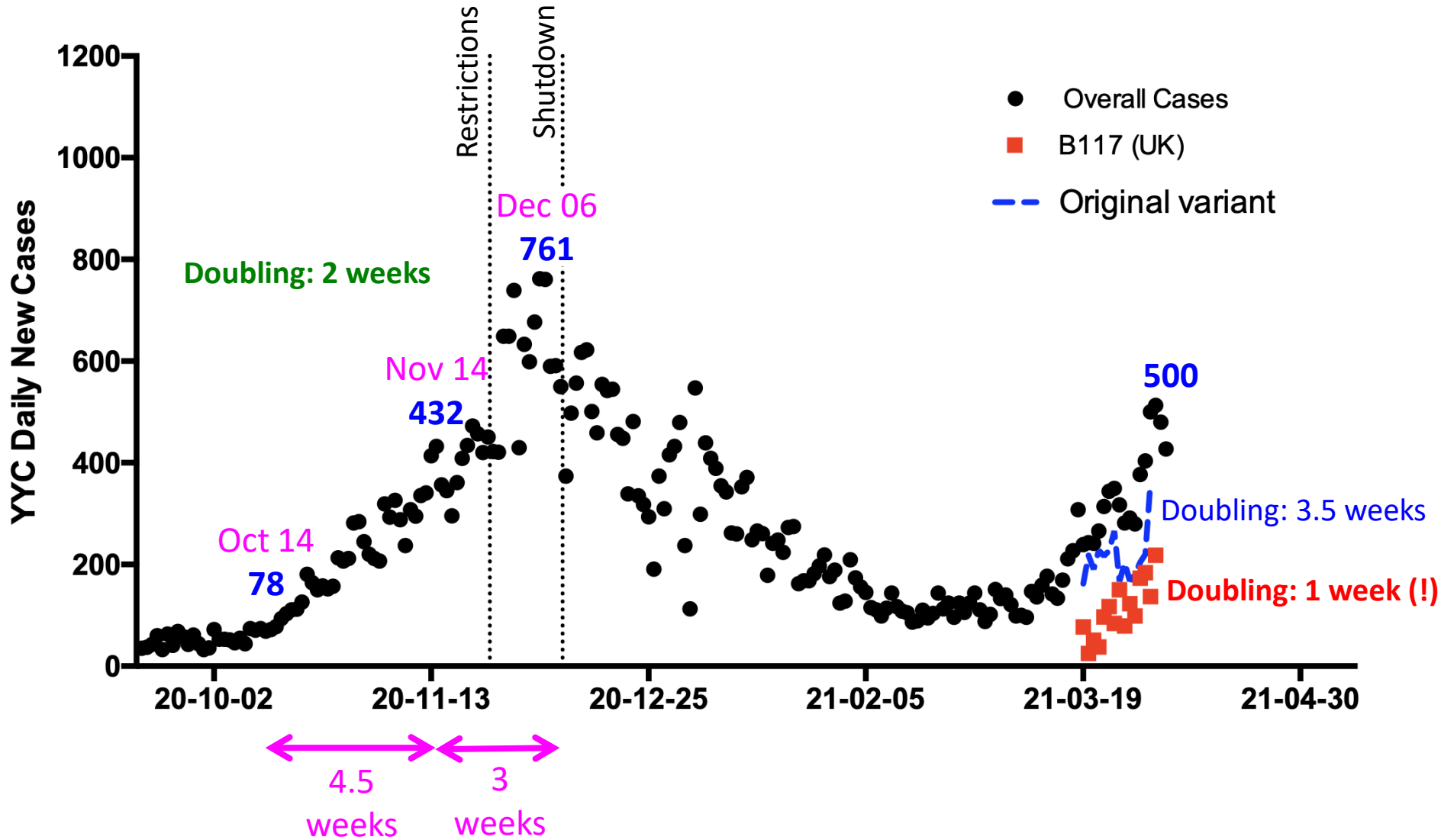
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Calgary COVID-19 Spread Projections

Dr. Malgorzata (Gosia) Gasperowicz

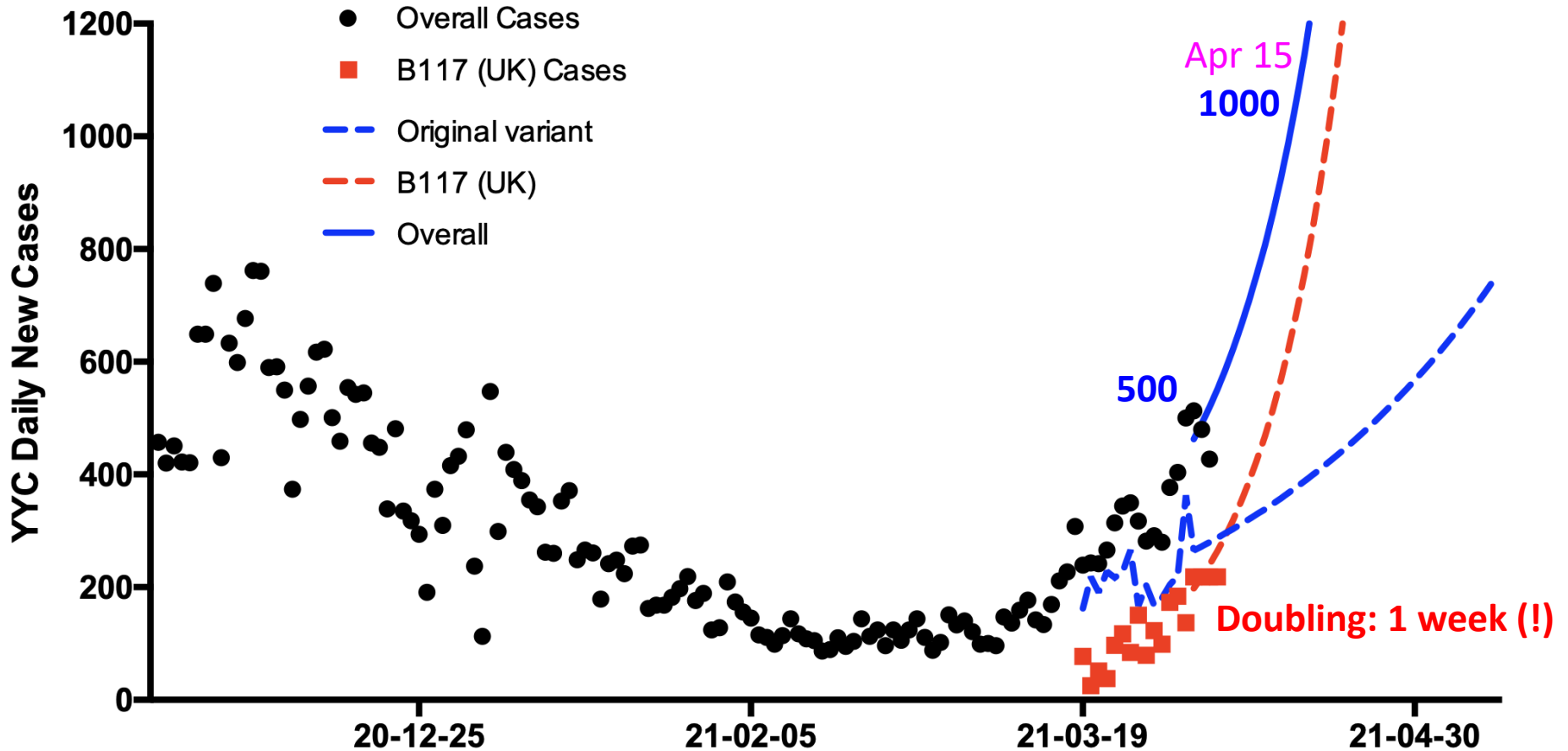
Developmental Biologist, Faculty of Nursing, University of Calgary

COVID-19 Spread in Calgary



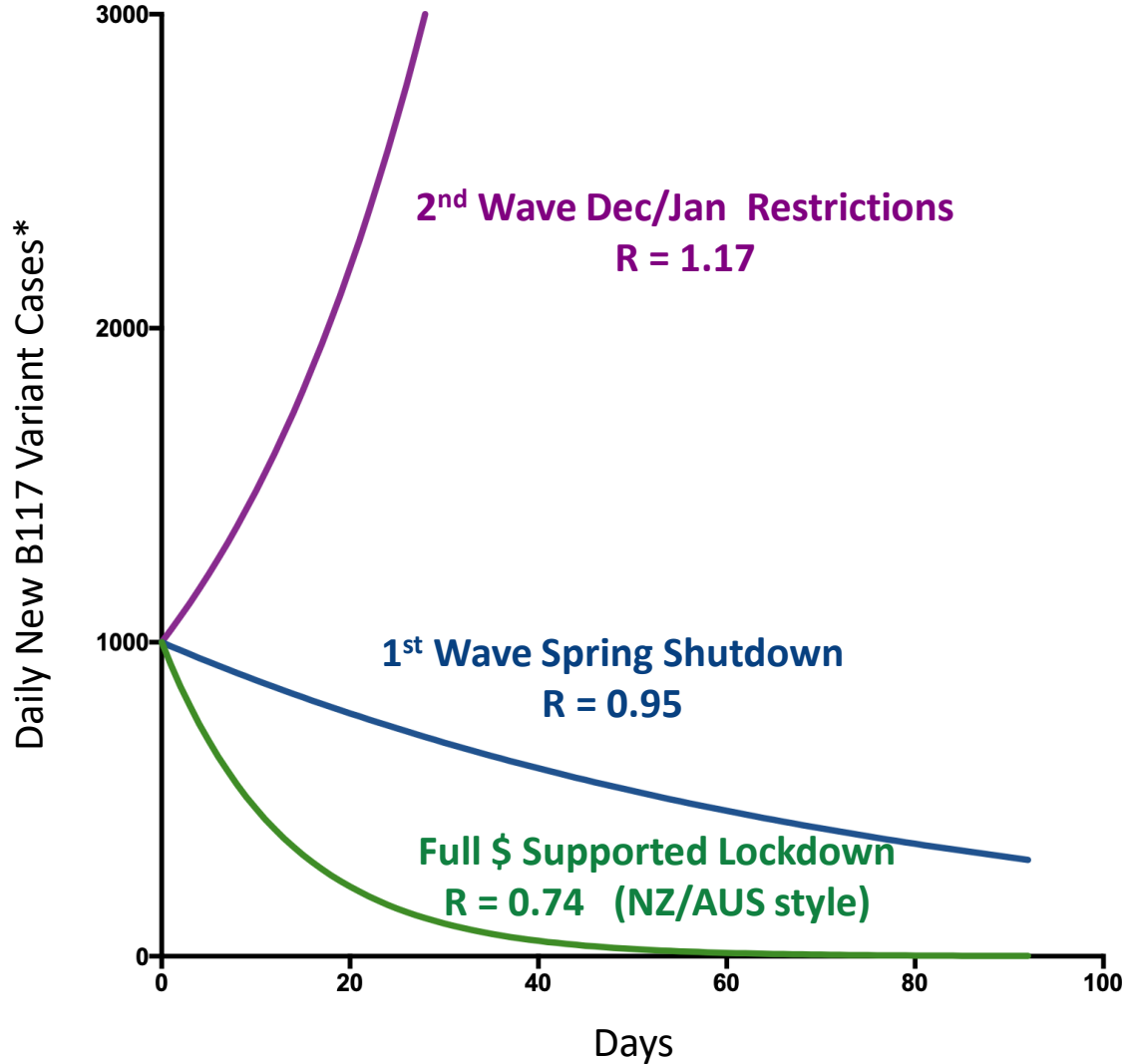
COVID-19 Spread in Calgary

Apr 24
2000



How Strong the Restrictions Need to be to Bend the Variant Curve?

B117 Variant is ~36% more transmissible → 36%↑ R value than the Original Variant



*Projection

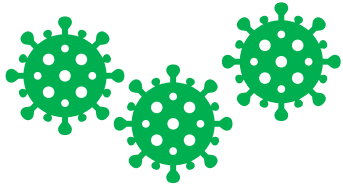
Infectious Disease Implications

Dr. Craig Jenne

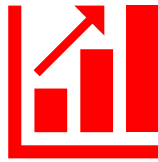
Assistant Professor, Department Microbiology, Immunology
and Infectious Diseases, University of Calgary

COVID-19 Spread in Alberta

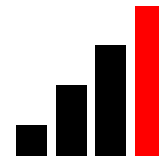
As of April 5, 2021



New Daily Cases
Tripled since Mar
1



Active Cases
Doubled since Mar
1



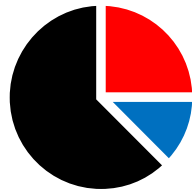
Most Active Cases
Per Capita in
Canada

9.9

**Test Positivity
Rate**



76 Patients in ICU



39% of Active Cases
due to Variants of
Concern



**Alberta Represents
Majority (41%) of
all Confirmed
Variants in Canada**



**R value is
approaching 1.2**
(transmission rate is
increasing rapidly)

Calgary Clinical Care Implications

Dr. Daniel Niven

Intensive Care Physician, Peter Lougheed Centre, and
Assistant Professor, Departments of Critical Care
Medicine & Community Health Services, Cumming
School of Medicine

Need to Take Action

Dr. Shazma Mithani

Assistant Clinical Professor, Department of Emergency Medicine,
University of Alberta
Emergency Physician, Royal Alexandra and Stollery Children's
Hospitals