



FACULTY RESEARCH SYMPOSIUM

APRIL 15, 2021

*“Research is a ceremony.
And so is life. Everything that
we do shares in the ongoing
creation of our universe.”*

—SHAWN WILSON

PROGRAM

SESSION 1:

WELCOME AND KEYNOTE SPEAKER PRESENTATION

9:00 AM OPENING REMARKS

DR. VALERIE HENITIUK
VICE-PRESIDENT ACADEMIC & PROVOST

9:15 AM KEYNOTE PRESENTATION: PROCUREMENT OF SAFE AND EFFECTIVE COVID-19 VACCINES FOR CANADA

DR. LORNE TYRRELL
FOUNDING DIRECTOR,
LI KA SHING INSTITUTE OF VIROLOGY,
UNIVERSITY OF ALBERTA

10:15 AM HIGHLIGHTED PRESENTATION FRONT OF PACKAGE FOOD LABELLING, INTERNATIONAL TRADE AND FOOD SECURITY FOR A HEALTHIER FUTURE

DR. ELIZABETH SMYTHE
SOCIAL SCIENCES, AND
2018 GERALD S. KRISPIN RESEARCH
AWARD RECIPIENT

10:45 AM COFFEE BREAK

PROGRAM

SESSION 2:

PRESENTATIONS FROM THE FACULTIES OF EDUCATION AND ARTS

**11:00 AM WE ARE INVISIBLE: A STUDY INTO
THE LIVED COMPLEXITIES OF TEACHER PARENTS
NAVIGATING A PANDEMIC**

DR. SIMMEE CHUNG AND DR. BRENT BRADFORD, EDUCATION,
AND 2019 GERALD S. KRISPIN RESEARCH AWARD RECIPIENT

**11:15 AM “WE ARE NOT SEEN AS HUMAN”: RE/
TELLING STORIES OF DIS/CITIZENSHIP**

DR. MUNA SALEH, EDUCATION

**11:30 AM OBJECTS AND RITUAL IN EGERIA’S
FOURTH CENTURY PILGRIMAGE TO JERUSALEM:
THE PROPS OF MY FAITH**

DR. STEVEN MUIR, PHILOSOPHY AND RELIGIOUS STUDIES, AND
2015 GERALD S. KRISPIN RESEARCH AWARD RECIPIENT

**11:45 AM PREVIEWING A NEW BOOK: ASSISTED
SUICIDE IN CANADA - MORAL, LEGAL, AND POLICY
CONSIDERATIONS**

DR. TRAVIS DUMSDAY, PHILOSOPHY AND RELIGIOUS STUDIES,
AND 2020 GERALD S. KRISPIN RESEARCH AWARD RECIPIENT

**12:00 PM COMMUNAL REFORMATION IN
THE NORTH GERMAN TOWNS: THE CASE OF
BRUNSWICK, 1527-1528**

DR. JOHN MAXFIELD, PHILOSOPHY AND RELIGIOUS STUDIES

**12:15 PM CONSERVATION OF RESOURCES AND
HELPING BEHAVIOR**

DR. ZDRAVKO MARJANOVIC, PSYCHOLOGY

12:30 PM LUNCH BREAK

PROGRAM

SESSION 3:

PRESENTATIONS FROM THE FACULTIES OF MANAGEMENT AND SCIENCE

1:30 PM SPIRITUALITY AT THE WORKPLACE
DR. MARK LOO, MANAGEMENT

**1:45 PM USING DECEPTION MECHANISMS FOR
NETWORK PROTECTION IN SINGLE PACKET
AUTHORIZATION**
DR. SERGEY BUTAKOV, INFORMATION SYSTEMS SECURITY
AND ASSURANCE

**2:00 PM EFFICIENT ALGORITHMS FOR IDEAL
LATTICES, WITH APPLICATIONS IN CODING
THEORY AND CRYPTOGRAPHY**
DR. HA TRAN, MATHEMATICAL AND PHYSICAL SCIENCES

**2:15 PM BRIDGING THE GAP BETWEEN
TRADITIONAL AND DATA-DRIVEN AI
TECHNOLOGIES FOR ACCELERATING INDUSTRIAL
APPLICATIONS DEPLOYMENT**
DR. BAIDYA SAHA, MATHEMATICAL AND PHYSICAL SCIENCES

**2:30 PM FOOD ALLERGY KNOWLEDGE,
PRACTICES, ATTITUDES, AND TRAINING IN
ALBERTA'S FOOD ESTABLISHMENTS**
DR. CECILIA BUKUTU, PUBLIC HEALTH

2:45 PM CLOSING REMARKS
DR. RAMSES ILARRAZA, ASSISTANT VICE-PRESIDENT
RESEARCH

3:00 PM ADJOURNMENT

DR. LORNE TYRRELL
FOUNDING DIRECTOR,
LI KA SHING INSTITUTE OF VIROLOGY,
UNIVERSITY OF ALBERTA



KEYNOTE PRESENTATION

D. Lorne Tyrrell OC, AOE, MD, PhD, FRCPC, FRSC, FCAHS is a Distinguished University Professor at the University of Alberta. He is the Founding Director of the Li Ka Shing Institute of Virology and has focused his research since 1986 on viral hepatitis. His work on the development of antiviral therapy was supported by CIHR and Glaxo Canada. It resulted in the licensing of the first oral antiviral agent to treat chronic hepatitis B infection – lamivudine – in 1998. Today, lamivudine is licensed in over 200 countries worldwide for the treatment of HBV. He has also been involved in the establishment of a biotech company-KMT Hepatech Inc. based on the first non-primate animal model for HCV.

Dr. Tyrrell was the Dean of the Faculty of Medicine and Dentistry from 1994-2004. Since leaving the Deanship in 2004, Dr. Tyrrell has taken on a number of important board positions in healthcare in Alberta and Canada. These include the Chair of the Board of the Institute of Health Economics, Chair of the Gairdner Foundation

Board, and member of the Research Advisory Council for the Canadian Institute for Advanced Research. He was appointed to the Science Advisory Board to Health Canada and was Chair of the Alberta Precision Laboratories Board. He is also Chair of the Board for Burcon NutraScience Corporation.

For his studies on viral hepatitis, Dr. Tyrrell has received numerous prestigious awards including the Gold Medal of the Canadian Liver Foundation (2000), Officer of the Order of Canada (2002), Alberta Order of Excellence (2000) and Fellow of the Royal Society (2004). He was inducted into the Canadian Medical Hall of Fame in April 2011 and was awarded the Killam Prize Health Sciences in May 2015.

Since the COVID-19 pandemic, he has worked on antivirals and vaccines for SARS-CoV-2. He is a member of the COVID-19 Vaccine Task Force that advises the Federal Government on the selection of COVID-19 vaccines based on efficacy, safety, and timely availability for Canada.

DR. ELIZABETH SMYTHE
SOCIAL SCIENCES, AND 2018 GERALD
S. KRISPIN RESEARCH AWARD
RECIPIENT



HIGHLIGHTED PRESENTATION

According to the UN Food and Agriculture Organization (FAO) “Food security exists when all people, at all times, have physical and economic access to sufficient safe and nutritious food that meets their dietary needs and food preferences for an active and healthy life” The aspect related to “nutritious food that meets their dietary needs” often gets less attention in discussions of food security. For the WHO and many national agencies, a growing concern about diet-related non-communicable diseases (NCDs) pre COVID-19 has already led to a desire to encourage access to nutritious food in the face of increased consumption of processed food. Motivated by health concerns and the development of NCDs public health regulators and advocates argued for simple, accessible front of package (FOP) mandatory food labels that give consumers clear and succinct information guiding them to healthy food choices. The concern

with the global increase of NCDs has become more urgent with the pandemic as those with NCDs are especially vulnerable. However, many corporate actors in the food system have raised objections to FOP labelling claiming the labels pose barriers to international trade. Unless FOP labelling becomes the international norm, countries opting for it could become the targets of international or bilateral trade disputes. This presentation will use case studies of food governance to examine the struggle over FOP food labelling and links to trade. The cases include the Codex Alimentarius, which is wrestling with setting global standards and the national governments of Mexico and Canada. They show how national policy space to promote access to healthy and nutritious food may be shrinking and shed light on the links between corporate influence, trade agreements and food security.

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