

# UNBC Research Week

Thursday, March 4<sup>th</sup>, 2021

**Session 1: 10:00am–11:00am**

## **Taking Stock: The Community Development Institute's Housing Research for Non-Metropolitan Canada**

*Marleen Morris, Co-Director, Community Development Institute and Adjunct Professor, Geography  
Julia Good, Research Associate, Community Development Institute*

**Zoom link:** <https://ca01web.zoom.us/j/64769164657>

**Passcode: 607938**

The CDI's research on housing in non-metropolitan Canada has found that the housing stock in these areas no longer meets community needs and expectations. Our research identified significant challenges and gaps emerging as a result of demographic change, age of the housing stock, and size of dwellings.

This presentation will discuss the CDI's findings, the implications for government policy-makers, and the need for further research.

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**Session 2: 10:00am–11:00am**

## **Research Data Management**

*Sarah Giesbrecht, Data Services Librarian*

**Zoom link:**

<https://ca01web.zoom.us/j/64548324580>

**Passcode: 133991**

Many grants and scholarly publishers now require researchers to publish their research data and this introductory workshop on managing your research data and materials will provide you with the tools and resources you need to fulfill your research data obligations. This session will include information on data management plans, data documentation, storage, security, and sharing. Key tools and resources including UNBC's Dataverse and Data Management Plan (DMP) Assistant will be demonstrated and attendees will have the opportunity to have their questions of Research Data Management answered.

Sarah Giesbrecht is covering the position of Data Services Librarian for Susie Wilson this year. Sarah previously worked as the Project Archivist at the Northern BC Archives & Special Collections here at UNBC. She has Masters degrees in Archival, Library, and Information Studies from University of British Columbia with a background in History from York University and the University of Toronto.

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**11:00am–11:30am Break**

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**11:30am–12:30pm**

**Pacific Institute of Mathematical Sciences (PIMS)-UNBC Distinguished Colloquium: Case importation and community spread: post-pandemic control of the spread of SARS-CoV-2 in low density populations**

*Dr. James Watmough, Department of Mathematics and Statistics, University of New Brunswick*

**Zoom link:**

<https://unbc.zoom.us/j/69507231948?pwd=S2dlOTdZZVZNRnhqelVwY1RzZlFLdz09>

**Meeting ID: 695 0723 1948      Passcode: 862887**

It has been just over one year and 100 million cases since we first heard of a novel coronavirus with pandemic potential. We are now all far too familiar with epidemic curves and would very much like to see the tail of this one. In this talk, I will review the simple mathematical models for the transition from pandemic to endemic and what they tell us about this tail. For the past year, Canada has kept case numbers relatively low through a combination of community quarantine and travel restrictions. In theory, this has implications for how we approach and manage the new normal of endemic SARS-CoV-2. I will focus on what this might mean for Atlantic Canada.

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**12:30pm–2:00pm Break**

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**2:00pm–3:00pm**

**NSERC Alliance Grants**

*Pam Giberson, Manager at NSERC Pacific*

**Zoom link:** <https://ca01web.zoom.us/j/68301377527>

**Passcode: 710331**

NSERC is Canada's largest federal agency that supports research in the natural sciences and engineering, with an annual budget of \$1.2 Billion.

NSERC's Partnership grant, Alliance, is designed to bring non-academic partners (companies, not for profits, government departments) and academic researchers together to find solutions to technical challenges, foster long term research collaborations, and provide economic, social and/or environmental benefits to Canada.

Dr. Pam Giberson, Manager at NSERC Pacific, will provide an overview of Alliance along with some helpful best practices for preparing a winning application.

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**3:00pm–4:00pm**

**IP 101**

**Zoom link:** <https://ca01web.zoom.us/j/67714436051>

**Passcode: 020167**

*Join us for a talk on intellectual property fundamentals including patents, trademarks, Copyright, industrial designs and trade secrets. The talk will include the differences between these types of intellectual property and the process of obtaining them as well as other useful tips and tricks.*