

## **TEDxUNBC 2019 Organizing Team**

**Kirk Walker** – Co-organizer and Director of Video Production

**Zarrah Holvick** – Co-organizer and Stage Manager

**Deb Nielsen** – Director of Curation and Programming

**Taylor Dodd** – Director of Fundraising

**Laura Parent** – Executive Producer

**Andrea Johnson** – Director of Communications

**Allan Stroet** - Director of Trade Show

**Erica Hargreaves** – Program Designer

**Wil Fundal** - MC

# **TED<sup>x</sup> UNBC**

**x = independently organized TED event**

**Thank you to all our volunteers!**

# **Past the Future**

Speaker Selection and Coaching Team

**Deb Nielsen, Zarrah Holvick, Kirk Walker, Andrea Johnson, and Ted Price.**



# A note from Co-organizers **Kirk Walker and Zarrah Holvick**

Thank you all for spending a day with us at this year's TEDxUNBC event. We first have to acknowledge the tremendous effort that Grant Bachand and his team put into bringing the very first event to Prince George in 2017. We could not have done this without his ground breaking drive, passion and spirit. This was his baby and we hope to have done him proud. Thank you Grant!

TEDxUNBC is a collaborative event between university staff and a tireless team of student and community Executive members who get things done. This event would not be possible without a group effort and we are both so happy to have worked with this amazing team!

We have a fabulous line up of speakers. They all brought an enthusiasm and openness to the process that cannot be matched, and we thank them for the countless hours of rehearsal and drafts, online and off. Their ideas are truly worth spreading, and we can't wait for you to sit back and enjoy it all.

Thank You.

## Attendee **Schedule**

### 10:00 AM

### Introductions and Greetings

Speaker 1

Lisa Dickson | *What is Education?*

Speaker 2

Judy Thompson | *Indigenous Languages Raises Us All Up*

Speaker 3

Reeanna Bradley | *Intelligent Diversity*

Speaker 4

Jaimie Boyd  
*Trust and Design: How Digital Can Save the Future of Government*

### 11:45 AM

### Lunch and Trade Show

### 1:00 PM

Speaker 5

Ronny Priefer | *The Growing Fear of Science*

Speaker 6

**Brittany Doncaster**  
*Is this Millennial Kid Really Telling ME to Get Off My Phone?*

Speaker 7

James Steidle | *The Unwanted Forest*

Speaker 8

Guido Wimmers | *How to Build Better Buildings*

### 2:15 PM

### Break and Snacks

### 2:45 PM

Speaker 9

Shelby Richardson  
*Choreography of Communication: Movement and Social Engagement*

Speaker 10

Ann Duong  
*You-trophication: Cleaning our Dirty Water with Something Dirty*

Speaker 11

Daryl Hatton  
*Philanthropy as Entertainment: Binge Watching for Good*

### 3:45 PM

### Wine and Cheese with Q & A

# Lisa Dickson



**TEDxUNBC would like to give a special **thank you** to our partners who helped make this event possible.**

## What is Education?

How does jumping out of a plane answer the question: “What is Education?” Education is a Wonder Engine, a place of transformation that prepares us to meet our future selves.

Lisa Dickson is an Associate Professor of Renaissance Literature in the English Department at UNBC. As a 3M National Teaching Fellow, she dedicates a lot of her time to thinking about teaching and learning, and to supporting others who are doing the same. She is a founding member and Project Leader of the 3M National Teaching Fellowship Mentoring Network, and a member the 3M NTF Council Executive. She has also been an adjudicator and mentor for the 3M National Student Fellowship. Currently, she is working on a book with two other 3M Fellows, focusing on the pedagogy of critical hope and empathy in the teaching of Shakespeare, a

project that is equally exhilarating and terrifying, as any worthwhile thing can be. She is happiest in spaces of learning and collaborating, both as a teacher and a student, and enjoys being terrible at dancing and slightly less terrible at other artistic and crafty pursuits. Being terrible at things makes her a better teacher. She loves being knocked sideways by the joys of learning and by the wonder and courage of students.





## Edōsdi Judy Thompson

### Indigenous Languages Raises Us All Up

The Tahltan language teaches me who I am. It connects me to the heart & soul of my Ancestors through our culture, worldview & land. The language contains the philosophy of how our people are to live with & treat others & how the world fits together. Located in northern BC, our territory is the only place on Earth that Tahltan is spoken.

Edōsdi / Judy Thompson is a member of the Tahltan Nation and was born and raised in Lax K'xeen (Prince Rupert, BC) on Ts'msyen territory. Besides being connected to the Tahltan communities of Tlego'in (Telegraph Creek) and Łuwechōn (Iskut) through her maternal grandparents, she also has roots in Gitw'angak (Kitwanga, BC) through her Gitksan paternal grandmother. She is a trained elementary school teacher and has taught in northern British Columbia at the post-secondary level for 25 years.

Over the last three decades, she has been learning the Tāitān language, which has included learning the culture, knowledge, wisdom, and ways of knowing of her people. As the Tahltan Language Reclamation Director, her research

and work has involved the development and implementation of a Tāitān language reclamation framework. The focus has been to create learning materials, as well as safe and supportive environments, for Tāitān learners and speakers to become more proficient in the language. In 2018, based on her language revitalization work, Edōsdi received the Distinguished Academic – Early in Career Award from the Canadian University Faculty Associations of British Columbia. In 2018, she was also a recipient of the Excellence in Teaching Award at the University of Northern British Columbia, where she was an Assistant Professor in First Nations Studies from 2015-2019. She is currently an Associate Professor in Indigenous Education at the University of Victoria.



## Reeanna Bradley

### Intelligent Diversity

Reeanna's talk explores the incredible powers of data to reinforce social inequity or liberate us from bias. She invites deliberate co-creation of artificial intelligence by outlining interventions for computer people, policy wonks, and the rest of us.

Reeanna Bradley is a diversity and inclusion consultant working with software engineers across multiple industries. She facilitates trainings and conducts workshops to reevaluate data decisions, interrogate assumptions, and imagine new relationships between computers and humans. With a Master's degree in Gender Studies from UNBC, she is equipped to think beyond outdated models of identity and society.

The example of nonbinary gender is a salient starting point for challenging the status quo by identifying destructive logic and replacing it with more holistic systems. She gathers teams of developers, analysts, researchers, and executives with legal, hospitality, human

resources and healthcare professionals to scour their hearts, minds, and code. This work shifts their individual perspectives and principles, which influences organizational policy, procedure, and programming changes.





## Jaimie Boyd

### Trust and Design: How Digital Can Save the Future of Government

Technology is making it easier for governments to serve citizens. The digital age has brought tremendous innovation, equipping organizations of all kinds to serve people faster and better. The Government of British Columbia's Chief Digital Officer will offer insight into how technology can help governments around the world provide services to their citizens. She'll explore a few case studies, explore challenges, and talk about how together, governments and citizens can build a brighter future for everybody.

Jaimie Boyd serves as the Chief Digital Officer of the Government of British Columbia, Canada. She leads efforts to embrace digital change, helping government to better serve citizens using modern technologies. She previously served as the Director of Open Government in the Government of Canada, supporting government transparency, accountability and citizen engagement. Jaimie previously held several positions in the Government of Canada and the private sector.

She is an alumnus of the Government of Canada's Accelerated Economist Training

Program, Action Canada, the Institute for Technology and Society's Global Policy Fellowship and the Organization of American States' Fellowship on Open Government in the Americas. In 2018, Apolitical named her amongst the World's Top 20 Most Influential Young People in Government. Find her on Twitter at @jaimieboyd.



## Ronny Priefer

### The Growing Fear of Science

Ronny will explore the current trend of the fear of science and scientific claims, what the causes might be, and what this trend means for society.

Dr. Ronny Priefer performed his doctoral work at McGill University focused on organic and polymer chemistry after obtaining his BSc in Chemistry from the University of Northern British Columbia. He next had the opportunity to work in two industrial settings at Stark Associates and Neurochem Inc. before segueing back into academia.

Prior to joining the School of Pharmacy at the Massachusetts College of Pharmacy and Health Sciences University (MCPHS) as a Professor of Medicinal Chemistry, he was at the College of Pharmacy at Western New England University (WNE) for six and a half years. Before that

he was in the Chemistry and Biochemistry department at Niagara University (NU) for seven years. Over this time he had had more than fifty students working with him.

While at NU, WNE, and now MCPHS, he has expanded his range of projects to include medicinal, analytical, educational, and materials chemistry. To date, he has completed forty-four scientific articles and six patents as a PI, including manuscripts on organic synthesis, physical organic chemistry, analytical chemistry, medicinal chemistry, material chemistry, and chemistry education.



## **Brittany Doncaster**

### **Is this Millennial kid really telling ME to get off my phone?**

Brittany covers the evolution of the stress response and how stress is changing in the digital age.

Mental Health and Addictions Clinician Brittany Doncaster received a Bachelor of Science in Psychology at University of Northern British Columbia and is currently working toward a Master of Arts in Counselling Psychology at Yorkville University. After completing her undergraduate degree, Brittany fell happily into the clinical setting, where a passion for direct patient care was ignited. In her practice, she emphasizes education, accountability, and empathy. An evolutionary psychology

perspective informs her position on favourite topics such as stress, boundaries, and technology. When she is not working or reading, she can almost certainly be found at the dog park.



## **James Steidle**

### **The Unwanted Forest**

Trembling Aspen forests are one of the most widely distributed forest types in Canada, but it's often considered a pest. Would we look at these unwanted forests differently if we knew they can reduce wildfire, sequester more carbon, and support more wildlife?

James Steidle grew up south of Prince George in the bush and worked as a treeplanter and at Clear Lake Sawmills in his youth before receiving a Masters in Public Policy at SFU after which he worked in the Legislative Assembly and for the Canadian Labour Congress. He then started a woodworking company called Steidle Woodworking. He focuses on using local woods,

and mills up the lumber himself. He works with aspen wherever he can. He currently spends his free time advocating for aspen and broadleaf forests as part of Stop the Spray BC.



## **Guido Wimmers**

### **How to build better buildings**

The method of construction and design in North America has not changed much in the past 100 years. Guido examines the reasons why this needs to change, and argues for a new approach which can keep up with more demanding energy efficiency requirements.

Dr. Guido Wimmers is an Associate Professor and Chair of the Master of Engineering Program in Integrated Wood Design at the University of Northern British Columbia. He holds a Master Degree in Architectural Engineering and a Ph.D. in Engineering Science from the University of Innsbruck. Guido is a Registered Architect in the EU and a Professional Engineer in British Columbia.

Prior to moving to Canada in 2007, he worked on modern timber design and Passive House Projects in Austria, Germany, and Italy, including large non-residential buildings and various research projects in the field of massive timber construction and prefabricated building envelopes.

Since moving to British Columbia, he has actively engaged in numerous Passive House projects across the nation and specifically throughout

the Pacific North West. He was pivotal in the implementation of higher energy efficiency goals in Canadian design and construction practice. Guido is one of the initiators of Canada's first Passive House, Canada's first application of Cross Laminated Timber and Dowel Laminated Timber and has worked on sustainable projects countrywide. In 2010 Guido became the co-founder and managing director of the Canadian Passive House Institute, today's Passive House Canada, and taught extensive courses across the country. Since 2014, Guido is leading the unique and innovative Master of Engineering Program, which combines an interdisciplinary approach of modern Timber Engineering with Building Physics, Passive House and "hands-on" experience, including project work. In 2018 he was also pivotal for the construction of the Wood Innovation Research Laboratory, a certified Passive House in a harsh climate which became the most airtight building in North America.



## **Shelby Richardson**

### **The Choreography of Communication: Movement and Social Engagement**

We often don't think of our bodies, but dancers do. Through a sensorial experience, Shelby will examine how movement is a corner stone of human communication and engagement.

Shelby Richardson is a choreographer, curator and designer located in Prince George, BC. Her research over the years has spanned various disciplines including Performance Art, Museology, Anthropology, as well as Art and Design History. Shelby first completed a BFA in Criticism in Curatorial Practice from the Ontario College of Art and Design, in Toronto. She then went on to complete her Master's Degree in Anthropology from the University of Victoria in 2012. During this time, Shelby's research focused on the ways in which institutions, such as Museums and Art Galleries, worked to relay and represent Indigenous ideologies and identities through uses of space and curatorial projects.

Over the years, Shelby has taught and choreographed for various studios and companies across Canada. Her choreographic work has been recognized internationally and

she has received numerous awards and grants pertaining to her research in the realms of Anthropology and the Arts. Her current research focuses on the ways in which dance, and other art forms, can be integrated into local communities to help prompt social exchange and dialogue. She works with her students to understand complex theories underlying contemporary art forms and the ways in which they speak to our current socio-political climate. Currently, Shelby is working at the University of Northern British Columbia and is an instructor and choreographer of Modern Dance at Judy Russell's Dance Enchainment.



**Ann  
Duong**

### **You-trophication: Cleaning our Dirty Water with Something Dirty**

Water is life - but much of the world's drinking water is contaminated. What if we could change that. Ann explores a new technique of purification that relies on the earth itself.

Ann is a UNBC alumni with a bachelor honours degree in Biochemistry and Molecular biology. She joined the Northern Analytical Laboratory Service in the Summer of 2018 where she has been in an awesome team of individuals who care about making the planet better.

In her past life prior to UNBC, she studied in a 15th century English castle, couchsurfed around the world and performed in many theatre performances, including at the Edinburgh and Toronto Fringe Festival. Although she loves science, music and art is her other half and she likes to jazz up her life by capturing the beauty of the world on canvas or violin.

When she's not making a mess in the lab, she likes to play with her wolf, Romca, she enjoys jamming out with her friends and hiking in the beautiful outdoors of Prince George. If you would describe her as a molecule, she is probably water, since she loves to dissolve everything! So, keep your head open, as she would say.



**Daryl  
Hatton**

### **Philanthropy as Entertainment: Binge watching for good**

When we make a donation, we actually buy an experience of generosity and the good feelings that go with it. Nonprofits that create great philanthropic entertainment experiences by telling personalized stories of the impact of each donor's contributions encourage donors to give again and again.

Daryl leads FundRazr, an innovative, award-winning global enterprise crowdfunding platform. He is a serial entrepreneur who loves the challenge of building companies from scratch, has founded multiple start-ups and helped bring one, Optio Software, to a successful NASDAQ IPO in 1999.

Daryl is frequently called upon for expert commentary on nonprofit fundraising and crowdfunding topics for media sites including CBC, CTV, Global News, TVO, PostMedia, BBC, Forbes and Bloomberg.

Today, Daryl serves as board member and advisor to multiple Canadian and Silicon Valley based start-ups including Canadian securities crowdfunding site FrontFundr.

He is a Director of the PayPal Giving Fund (Canada), Director of the National Crowdfunding and Fintech Association of Canada and sits on the Crowdfunding Working Group for #GivingTuesday.