

WORKSHOPS

CROSS BORDER CONFERENCE 2020

LEAPING INTO ACTION: TEACHERS RISE FOR CLIMATE CHANGE



Schedule of the day

12:00 pm - 12:50pm Arrival, sign up for workshops, table displays, coffee & light snacks

12:50 pm - 2:30 pm Aboriginal welcome
Keynote with Teen Panelists and Professor Claudia Ruitenberg

2:45 pm - 4:15 pm Workshop #1

4:25 pm - 5:55 pm Workshop #2

6:00 pm - 6:30 pm Musical Playnote with Luke Wallace

6:30 pm - 7:30 pm Dinner and networking

Double Sessions

2:30 pm - 5:40 pm with a break

Climate Movement Art

Presenters: Emily Thiessen and Hannah Gelderman **Suitable for:** Open to All **Room:** A113

Students are realising dealing with climate change will take collective action, and teachers want to back them up. Successful social movements don't win without strong visuals, so this workshop is about how to skill-up climate activism using art. We will look at examples of creative action throughout social movement history, and then learn how to make DIY banners and flags for the next Global Climate Strike.



Emily Thiessen

Emily Thiessen is an illustrator and climate justice organizer with a fire for creative troublemaking. She comes from Malaysian-Chinese and Mennonite roots and grew up on beautiful Lekwungen territories.



Hannah Gelderman

Hannah Gelderman is an artist, educator and arts-based community organizer currently living on the unceded territory of the Lekwungen People, in Victoria, British Columbia. Hannah is a settler of Dutch descent who grew up and lived until recently in the region called Amiskwaciwâskahikan and also known as Edmonton, Alberta. She is currently doing a Master of Education in Leadership Studies at the University of Victoria, with a focus on arts-based community education and engagement.

Indigenous Perspectives and Climate Change

Presenters: Mary Hotomanie, Donna Morgan, Kristina Carley **Suitable for:** K-12 Teachers **Room:** B117

How do we talk about Climate Change using an Indigenous perspective and focus? How can we talk honestly about climate issues while still encouraging optimism and action from our students? This workshop will be a précis of a 3 part series run with Burnaby teachers using the FNEC Science Guides and the Green Teacher publications *Teaching Kids About Climate Change* and *Teaching Teens About Climate Change*. We will share readings, activities and outcomes.



Kristina Carley

Kristina Carley is an intermediate teacher in the Burnaby School District, with a passion for teaching about social and environmental justice. She has a Master's degree in Curriculum & Instruction in Ecological Education, as well as a Bachelor of Education and a Bachelor of Arts Degree from Simon Fraser University. Kristina aims to empower students to take action in their communities by providing them with opportunities to connect with and care for the places they live.



Mary Hotomanie

Mary Hotomanie is Saulteaux/Anishinaabe from the Zagime First Nations in Southern Saskatchewan on her mother's side and Assiniboine/Nakoda from the Cega'kin First Nations, also from Southern Saskatchewan on her father's side. As an Indigenous educator with the Burnaby School District with a background in Social Justice and Environment issues, Mary has a vested interest in working with educators around climate change that includes Indigenous perspectives.



Donna Morgan

Donna Morgan is an immigrant/settler from Wales in the UK to Coast Salish territory. I am a long time math/science/environmental science teacher who is currently the Math/Science Program Consultant for the Burnaby School District. I am passionate about the environment, science, math, assessment and just about everything. Twitter: @donnamorgan8

Re-Imaging Climate

Presenters: Anita Olson and Robin Eriksson **Suitable for:** Teaching staff, regardless of age, grade or development, and students alike will gain insight into climate issues. **Room:** B115

Creativity is the best medicine for “the nothing-can-be-done-disease” (Paul Goodman). Therefore, this workshop is designed to provide educators with an art-based take-away to energize imaginations in their classrooms and unpack complex subjects, provide multiple perspectives and entry points into discussion.



Anita Olson

Utilizing the arts, song, storytelling/making, paint, sculpture, drawing and acting, Anita has spent many days holding space and offering tools to strengthen the parent child relationship in the non-profit sector. She is a mother, artist, and lover of the sea.



Robin Eriksson

Robin is an interdisciplinary artist who spends her days mentoring community members on how to find and share their voice through radio-making. Most recently, she’s been facilitating community workshops to explore what it means to be a 50+ woman in her project Aging with Imagination.

Theatre of the Oppressed for Climate Awareness

Presenter: Angelo Moroni **Suitable for:** Elementary/Secondary Teachers **Room:** THEATRE

This is a social theatre workshop, based on the techniques of Theatre of the Oppressed and adapted for children and youth. Teachers who attend this workshop will learn how to create safe spaces for children and teens to explore and find solutions to conflicts that occur in the classroom and on school grounds. Teachers will also learn how to help students communicate their concerns about climate change, create dialogue, and develop strategies to deal with this global issue.



Angelo Moroni

Angelo has spent 18 years practicing and exploring the techniques of Theatre of the Oppressed, and has presented in numerous Universities, Neighbourhood Houses and Organizations.

Action Table

Gratitude & Solidarity Cards in the Capitalocene

Presenters: Olivia Chan and Donna Clark **Suitable for:** Open to All **Room:** Main Foyer

Olivia and Donna will host an interactive writing place, in the main conference area. throughout the conference, they will give participants a chance to express their gratitude & solidarity with all living beings, in the context of the climate emergency & mass extinction.



Olivia Chan

1st generation Indigenous-Burmese and Chinese Settler
Burnaby Teacher Candidate



Donna Clark

3rd and 4th generation White Settler
Burnaby Visual Art Teacher

To accomplish this grand task by humble means, they will provide cards to write on and/or embellish, as a form of socio-cultural intervention.

Participants can:

1. "pull a writing prompt" & write & /or draw:
 - ask for solidarity.
 - write a love or gratitude letter to your favourite bird, animal, insect, fish or plant facing extinction.
 - write the coast Salish to express your gratitude for their caretaking of the lands and waters.
 - write an imaginary colleague to tell them what they can do to make a difference. write to yourself in 2030.
 - write your child in 2050.
2. Snap a photo of your work to share on Facebook and Instagram. #cardsforalllifeontheplanet

Session 1

2:30 pm - 4:00 pm

A Disability Centered Approach to Teaching Climate Change

Presenters: Lillie Crow and Rachel Cermak **Suitable for:** Secondary – Generalist and Special Education Teachers **Room:** B108

Disability often gets left out of conversations about climate change. However, students with disabilities have found a real hero in Greta Thunberg who openly talks about her disability. This workshop will walk participants through one secondary SPED class's project: the creation of curricula about climate change for other students with disabilities and their peer allies!



Lillie Crow

Lillie Crow is a secondary special education teacher at Fir Ridge in Portland, OR who had an IEP as a public school student! Lillie is the creator of the Iterative Comix Praxis curriculum.



Rachel Cermak

Rachel Cermak is a licensed math teacher at Fir Ridge and also loves comix!

Climate Change Challenge

Presenter: Aman and Shiv **Suitable for:** Secondary Teachers **Room:** B110

The Climate Change Challenge is a workshop where we share activities, games and resources that participants can bring into the classroom when engaging students on the topic of climate change. We will also be walking through how to create our own climate change challenges for our classrooms to use for the future.



Rochelle Prasad

Rochelle is the founder and CEO of a thriving Non-Profit called Camp We Empower Foundation. Camp We Empower Foundation offers life education to students in various provinces in Canada. She is also the author of the book titled Because We Can and continues to travel the world in pursuit of building sustainable communities in developing countries.

Connecting to Biodiversity in the City - a Tool for Building Climate Change Resilience

Presenter: Pamela Zevit **Suitable for:** Grades 6-10+ Teachers **Room:** B118

This session will focus on identifying and addressing the “wicked problems” of biodiversity loss, climate change and our growing disconnect from the natural world. How can we engage students in a meaningful and constructive way to seek and find solutions, build understanding and create leaders as we face these existential threats to our planet? Learning outcomes will be drawn from climate change adaptation, sustainability and biodiversity conservation approaches being applied by the City of Surrey, BC’s fastest growing city.



Pamela Zevit

Pamela Zevit is the Biodiversity Conservation Planner for the City of Surrey working to develop and implement policy and practices to protect the City’s “green infrastructure”. As a Registered Professional Biologist, Pamela has an extensive background in ecological literacy, conservation and youth engagement through programs like Species at Risk in the Classroom and Science World’s Science and Innovators in the Schools program.

Cool It! Climate Activation

Presenters: Jen Fischer and Laura Bamsey **Suitable for:** Grade 4-12 Teachers **Room:** B112

This workshop aims to delve into tangible climate actions that encourage students to feel empowered. Jen and Laura will start by exploring the impacts of climate change, having the group participate in an experiential and interactive climate-fortune-game that looks to the year 2050 in British Columbia. We will briefly explore municipal climate emergencies coupled with student mobilization and discuss how new mobilizations are shaping the climate dialogue and agenda. We will move from impact to action by demonstrating actions that empower students to make change: from teaching students how to make their own toxic-free cleaners, learning where their clothes come from and mapping their community assets.



Jen Fischer

Jen Fischer is an Environmental Education Program Officer for British Columbia Sustainable Energy Association, developing and delivering climate change programming for elementary and high school students in the Lower Mainland. She has a Masters of Education from UBC in Education in Sustainability, with a passion for climate change pedagogies. Jen is currently a teacher candidate at SFU.



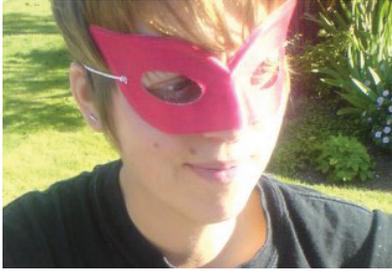
Laura Bamsey

Laura is a leader in sustainability and environmental education for youth and adults, with over 10 years of experience in non-profit management, community-based program development and facilitation. Laura is passionate about supporting youth to be empowered to take action in their communities and has done this by developing and facilitating workshops on energy and water conservation, zero-waste, food sovereignty with Outdoor education schools, the Katimavik Program, the Destination Conservation Program and Metro Vancouver's Youth 4 Action Program. She co-Directed the Elements Society, working with 12 districts across Alberta and BC to support sustainability action in schools. In 2007, she supported the administration of BCSEA's Climate Change Showdown (now Cool It!) Program and is excited to be back facilitating Climate Leadership Training across the Lower Mainland.

Creating Climate Change Heroes

Presenter: Heather Kelley **Suitable for:** Open to All **Room:** B111

Workshop participants will consider barriers to teaching about the climate change emergency and develop solutions to overcome these barriers. Teachers will also learn strategies to support students in using critical thinking skills to approach climate change through a solutions based approach.



Heather Kelley

LGBTQ curriculum/resource specialist, SOGI School Lead, Pride Prom Organizer

Living and teaching on the unceded territories of the Musqueam, Skxwu7mesh, Tslei-Waututh, Kwikwetlem, Kwantlen, Katzie, Semiahmoo, Sto':lo and Squamish peoples.

Finding Your Voice - Songs in the Classroom

Presenter: Luke Wallace **Suitable for:** Elementary Teachers **Room:** B107 CHOIR ROOM

Join Folk Singer Luke Wallace for a session focused on bringing music and song into your classroom as a vehicle for teaching earth awareness and climate action. This is an opportunity to find your voice, and it's also for those who have always wanted to sing with their classes but are in need of some songs and basic singing tips. Luke will facilitate discussion, singing and song sharing. Participants will leave with a tool box of songs and inspiration ready for their classroom. This will also be a space for teachers to share how they have successfully used music to raise environmental awareness with their students.



Luke Wallace

Luke Wallace is a folk singer and community activist living along the Salish Sea. Luke tours his music year round, using it to amplify the voices of communities fighting to protect the systems the help them thrive.

How to Look After Our 12 Screaming Children (12 Body Systems) Using Traditional Medicines in these Times of Climate Change

Presenter: Dr. Jeanne Paul **Suitable for:** Secondary/University Teachers, Educators **Room:** B109

This is a lecture and demonstration about plant medicine that grows in February or early spring. It will also be a chance to taste that medicine to understand more deeply traditional medicines that help our 12 body systems (the 12 Screaming Children). Understand that using these medicines on a monthly basis and following the growth of these plants supports and helps your body system to stay healthy and well throughout the year. Melding western and traditional medicines newest techniques and research is paramount. We will also look at how the effect of climate change has affected these medicines in terms of growth, their use and the harvest time.



Dr. Jeanne Paul

Dr. Jeanne Paul is a Coast Salish from the Tla'amin band. She graduated in 1991 from Naturopathic Medical University in Oregon making her the first First Nations person to graduate in this profession for Canada. She now has left Family Practice to dedicate her career to spread knowledge of traditional medicines throughout B.C. to as many Native villages as possible who want to learn the medicines that grow in their territory.

La Loteria - Celebrating the Trans Border Collaboration of Juan Felipe Herrera and Artemio Rodriguez

Presenter: Charles Sanderson **Suitable for:** Secondary Teachers **Room:** B113

Participants explore the work of the United States' first Latino poet laureate Juan Felipe Herrera and the artwork of Artemio Rodriguez, as they reinvent the magical world of La Loteria. We'll analyze the intersection of art, poetry and politics and create our own Loteria Card that celebrates or dismantles the world in which we live.



Charles Sanderson

Charles Sanderson teaches at the Wellness, Business and Sports School in Woodburn, Oregon. His classroom strives to be a mirror, window and bridge for all.

No Time Like Now: Authentic Learning for Climate Justice

Presenter: Maureen Jack-LaCroix **Suitable for:** Secondary/Middle School Teachers **Room:** A108

In this workshop participants will explore SLC: Student Leadership for Change inquiry-based learning resources. SLC flips the classroom to support students in developing critical thinking skills and a sense of agency while learning about climate justice and global sustainability issues. This workshop will create space for participants to express their concerns about bringing climate justice education into the classroom. The workshop will also outline different pedagogical approaches to support educators in offering holistic climate justice learning that does not overwhelm students but rather empowers them to recognize their agency as change makers.



Maureen Jack-LaCroix

Maureen is the founder of BTCEA, an SFU PhD candidate in Environmental Education and an inspiring speaker, curriculum designer and environmental educator with 15+ years of experience delivering engaging workshops and assemblies to teachers and students in secondary schools. Maureen co-created the Student Leadership for Change resources and teacher aides with BC teachers.

Organizing 101... for Justice!

Presenter: Karine Ng **Suitable for:** Anyone who is committed to social and climate justice **Room:** D213

This workshop is intended to increase the capacity of participants to organize strategically and in solidarity for actions towards justice and liberation. Presenters are fellow learners who share and listen to different organizing experiences. Questions to be discussed are: What is “justice” and “liberation”? How and for what am I organizing? How to identify leaders already in your networks? Who is a natural leader? How do I, as an educator or teacher, begin to take action immediately?



Karine Ng

I am a public school teacher, union activist, and a budding community organizer who has been dreaming for a more just and liberated society since the age of 4 or 5. Emerging from many years of capitalism-induced depression, I reach for help and in support for all those who share the same dream.



Nancy Espinoza

Nancy Espinoza has explored healing stories and resilience in her work as a counsellor. She is interested in writing collectively poetry and short stories in her work as a teacher in Vancouver. She has learned about collaboration reflecting about farmers’ experiences in Mexico.

Sowing Seeds of Hope, Resilience, and Love

Presenters: Kat Vriesema-Magnuson **Suitable for:** Elementary/Middle School Educators, Parents, Students **Room:** B116

Climate grief is real, for students and teachers alike. While grief and anger can motivate us to speak out, it is hope that will help us find solutions, resilience that will give us strength through trying times, and love that will keep us connected to each other and the world we live. Workshop participants will explore how garden-based learning and schoolyard environmental education can develop those traits in their students, and we'll go outside to try some activities to connect students to place in just about any setting.



Kat Vriesema-Magnuson

Kat is the Experiential Learning Manager with Fresh Roots, a Vancouver, B.C.-based charity growing Good Food For All on schoolyard farms and food lands in the Greater Vancouver area. A graduate of the University of Washington (M.Ed.) and Island Wood with over a decade of experience in environmental education, Kat loves empowering teachers to get their kids outside and get their hands dirty!

Students Go to Court- How to Use Climate Court Actions to Teach Climate Change

Presenter: Jennifer Nathan **Suitable for:** Open to All **Room:** D206

Governments have not responded to climate science warnings so students are taking them to court! We will learn about how climate science is being brought into the courts where facts matter and legal rulings can make a difference. Students in Canada and the U.S. are involved in huge cases using the Charter argument of a right to a healthy climate. You can involve your students by learning about the young people and their cases and by following their movement through the courts. We will also brainstorm ideas on how you can use the climate information from the cases in different ways - from your own mock trial to supporting your own student plaintiffs.



Jennifer Nathan

Jennifer has worked as a park naturalist in northern B.C. and the Yukon, Scientists in the Schools coordinator, and science teacher. She is currently involved in a legal challenge in the Supreme Court of British Columbia on whether the emissions committed to from oil sands expansion would keep Canada within Paris Accord commitments, the unanswered question throughout the Trans Mountain pipeline approval process.

Teaching Climate Justice

Presenter: Bill Bigelow **Suitable for:** Secondary/Middle School Teachers **Room:** D208

Terms like “climate change” and “global warming” can make this issue seem both huge and remote. One challenge we have as teachers is to “story” the climate crisis by helping students encounter real people for whom climate change is not happening in some distant future, but is happening now — and to introduce students to activists who are addressing the roots of the crisis. This workshop demonstrates ways to help students explore the connection between climate and social justice.



Bill Bigelow

Bill Bigelow taught high school for almost 30 years, and is now the curriculum editor of Rethinking Schools magazine, and author or editor of numerous books. He co-directs the Zinn Education Project.

Film Screening

Necessity: Oil, Water, and Climate Resistance

Presenter: Jasmine Eppelsheimer **Suitable for:** Open to All **Room:** D207

This session includes a screening of the one-hour documentary **Necessity: Oil, Water, and Climate Resistance**, about the fight in Minnesota against the expansion of pipelines carrying toxic tar sands oil through north America, and about indigenous activists and non-indigenous allies making use of the necessity defense to make a moral and legal case for acts of civil disobedience. the film making team is currently exploring the possibility of follow-up episodes and developing an educators’ guide, and will be seeking feedback on using the film in classrooms. you can view the film’s trailer at www.necessitythemovie.com.



Jasmine Eppelsheimer

Jasmine Eppelsheimer is a mental health worker in Portland, Oregon and works with individuals to maintain healthy lives. she completed a bachelor’s of arts in philosophy with an emphasis in global ethics, and has the privilege to also work as an assistant producer for the film necessity: oil, water and climate resistance.

Session 2

4:10 pm - 5:40 pm

Affordable sustainability

Presenter: Cheryl Lewis **Suitable for:** Open to All **Room:** B118

Are you curious about your ecological footprint and want to learn more about lower impact living? The Affordable Sustainability workshop is a simple and common-sense approach to lower impact living. The workshop is interactive and will engage participants in a conversation on the many benefits of living more sustainability and the power of using your voice to affect change. Attendees will have an opportunity to determine their own ecological footprint and learn potential areas where they can decrease it.



Cheryl Lewis

Cheryl Lewis is a mother of two and she started her lower impact journey over 10 years ago because of her deep concerns about climate change.

Approaching Climate Action through Bridge Building

Presenters: Frances McCoubrey, Jenna Dunsby, Ella Kruus and Julia Zirnhelt **Suitable for:** Open to All **Room:** B116

In this workshop we will share our rural, resource industry community experience of building understanding and support around the climate crisis at a time when division and misconceptions dominate the conversation. Join us to hear how we are building capacity for change by rooting climate change education and advocacy in the development of strong relationships. We will share tools to help navigate challenging conversations and foster the deep relationships and trust needed. We see this as critical to building the bridges across current divisions in our communities that are hindering climate mitigation and adaptation. Two Grade 7 students will also share their perspectives on the impact of climate change in our community and their experience organizing Williams Lake's climate strikes.



Frances McCoubrey

Frances teaches Grade 7 through Outdoor Education and supports place-based, outdoor learning in SD 27. She is excited by the opportunities she sees in her community and province to build appreciation for our landscapes and communities through public education and time spent connecting to each other on the land.



Jenna Dunsby

Jenna Dunsby is a community facilitator who has worked with various organizations including the Dasiqox Tribal Park and the Tsilhqot'in Nation.



Ella Kruus and Julia Zirnhelt

Ella and Julia organized the first climate strike in Williams Lake and are Grade 7 students at Columneetza Middle School.

ARTivate: Engaging Students and Climate Justice through the Arts

Presenters: Shelley MacDonald and Emily Beam **Suitable for:** All Teachers **Room:** B108

The artistic process is a powerful tool for activating and engaging students. Bringing art and artists into your classroom can give students a way to learn and express themselves around important topics such as climate justice and Indigenous ways of knowing. Learn how you can bring artists into your classrooms, implement arts-based activities, and see your students thrive, particularly those who usually struggle. Emily will speak about resources available to BC schools through ArtStarts in Schools and Shelley will take you through some “hands-on” arts based activities that you can take back to your classroom to encourage student voice.



Shelley MacDonald

Shelley MacDonald is an award winning performing artist, educator, and filmmaker who is of Mi'kmaq “Ugpi’Ganjig,” Eel River, New Brunswick and Scottish ancestry. She has over 25 years experience as an artist/educator and has partnered with different school districts, universities, artists, Elders, television networks, film productions and community organizations across Turtle Island creating meaningful arts and culture experiences that focus on social justice issues to help create systemic change.



Emily Beam

Emily Beam is a settler who lives on the lands of the Squamish, Musqueam, and Tsleil-Waututh people. She supports community organizations, schools, and artists to access resources and build capacity. She has worked as a grantor, lender and facilitator for various non-profits, foundations, and social enterprises. As the Director of Programs, she leads the planning, collaboration, and evaluation of ArtStarts programs as well as overseeing the granting programs.

Bridging Student Knowledge, Community Resources, and Your Climate Change Curriculum

Presenter: Katie Gavenus **Suitable for:** Secondary Teachers and Upper Elementary Teachers **Room:** B110

Youth and communities are already experiencing the very real impacts of climate change. During this session, I will share some experiences from Alaska and discuss ways to weave students’ lived experiences and community resources into the school curriculum. How can we connect classroom activities with organizations, community leaders, and families working to mitigate, document, and adapt to climate change? As a group, we will consider how best to nurture these relationships in our own school-community systems to empower and equip youth to deepen their understanding of environmental change and take action that is locally appropriate and personally meaningful.



Katie Gavenus

Katie Aspen Gavenus grew up in Homer, Alaska and now splits her time between Homer and Washington State, where her partner and his daughter live. She is an environmental educator and program director for the Center for Alaskan Coastal Studies. Katie believes that science education - and education more broadly - should be a collaborative process, locally relevant, culturally sustaining, inspiring, and empowering.

Climate and Social Justice Across all Subject Areas

Presenters: Ciera DeSilva, Kirsten Dallimore **Suitable for:** K-12 Teachers **Room:** B112

Learn how to address climate, environmental and social justice in meaningful ways across all subject areas, while being fueled by the curiosity and passion of your students. Practice designing local place-based, project-based learning with international connections that allow your students to understand what it means to live in a globalized world. Action-based projects that involve and connect students with community will be the focus. Curriculum standards (of BC, WA and OR teachers) will be addressed.



Ciera DeSilva (from Sierra Club BC)

Ciera is the Education Program Manager at Sierra Club BC. Ciera DeSilva immigrated to Canada at age 11 and has been fortunate to live, study and volunteer in Mexico, France and Peru. She studied International Relations before becoming a certified BC teacher in 2016.



Kirsten Dallimore (from Sierra Club BC)

This is Kirsten's fifth year of working with Sierra Club BC. Kirsten Dallimore is passionate about learning and teaching about how to use Traditional Ecological knowledge to connect deeper with nature and to gain a sense of place on this Earth. She holds degrees in Environmental Studies and Elementary Education.

Climate Justice Action Planning

Presenter: 'Check Your Head' Team **Suitable for:** Secondary Teachers and Students **Room:** D112

In this workshop we invite participants to dig deep into the Climate Justice issues they care about, why they're important, and how to plan effective, meaningful, and actionable projects addressing these issues. How do we make sure our solutions are equitable instead of perpetuating inequalities? How do we take local action on this global issue? We explore privilege and power and our capacity to effect change! We hope to inspire action that has at its heart intersectionality, addressing root causes, and takes into account our own positionality! Walk away from this workshop with tools and an action plan for your climate justice activism!



Check Your Head Youth

Check Your Head Youth Peer Facilitators are not experts, but rather skilled facilitators, trained in anti-oppression and in eliciting the lived experience of folks in the room to dive in deep to these discussions.

Exploring Place-Based Learning

Presenter: Jonathan Dyck **Suitable for:** Elementary/Secondary Teachers **Room:** D211

What are your connections to place? What is place-based education (PBE)? How does PBE support action for social and climate justice? How can your teaching practices feature place as a core foundation? Join us for an interactive discussion about place-based learning and pedagogy, including some activities you can use to engage your students in their local communities and environments!



Jonathan Dyck

Jonathan Dyck is a secondary teacher in Powell River, BC. He holds undergraduate degrees in English literature and education, and a Master's degree in curriculum and instruction, with a focus on ecological education. He is also the president of the Environmental Educators' Provincial Specialist Association (EEPSA).

Incorporating More Environmental Action in the Classroom

Presenter: Kierny Matthews **Suitable for:** K-12 Teachers **Room:** B113

Using BC Green Games projects as examples, this workshop will demonstrate some best practices and helpful resources for integrating place-based, solutions-focused projects into the classroom. This will be followed by a discussion of the group's experiences with environmental education and a grade-specific example of how to frame outdoor learning into your classroom. The group will then be challenged to create environmental action plans linked to different parts of the curriculum.



Kierny Matthews

Kierny is very passionate about sustainability with a background in environmental science. She has lots of informal education experience and currently manages Science World's BC Green Games eco-storytelling program.

Innoculating Against Fossil Fueled Propaganda

Presenter: Jennifer Nathan **Suitable for:** Open to All **Room:** D206

Despite the clear science of climate change, the media is full of misinformation resulting in catastrophic delay in climate action. Providing students with the methods media working for fossil fuel companies use to create confusion inoculates them from the false narratives created around policies like banning fracking near schools in Colorado, carbon taxes, or building pipelines. Many millions of dollars have been spent to spin the science around climate action, disempowering the alternate messaging is a much needed tool in our climate action arsenal. After investigating many of the methods used, you will be challenged to break down the messaging in a propaganda video. These tools can then be quickly put to use in your classroom, no matter what you teach.



Jennifer Nathan

Jennifer has worked as a park naturalist in northern B.C. and the Yukon, Scientists in the Schools Coordinator, and science teacher. She has worked on many climate campaigns including pushing for IPCC targets with her municipality and local school board. When teaching climate science, she realized that it became imperative to break down the climate denial messaging that popped up on Youtube ads and newspaper columns and frame the climate struggle through the bigger picture of extractive industry influences on our democracy.

School Garden to School Cafeteria, Sustainable Food Systems in Action on School Grounds

Presenters: Drew Landry **Suitable for:** Secondary Teachers, Environmental Science, Culinary Arts, Social Justice **Room:** D213

North Surrey Secondary is home to Spartan Gardens, a food-producing garden and outdoor classroom. In collaboration with the school's Culinary Arts program, secondary students have a direct role in making a meaningful impact on the school food system, contributing vegetables, herbs, and fruit to daily lunches sold in the cafeteria. This workshop will provide educators with a template for planning, funding, and building out your own school garden.



Drew Landry

Drew Landry is a teacher and counsellor at North Surrey Secondary. His garden, outdoor classroom and advocacy for school gardens in Surrey has resulted in a district-wide resource and policy allowing for up to 15 new school gardens per year in the district. Drew is also president of SEED36, a local chapter of EEPSA (Environmental Educator's Provincial Specialist Association), working with educators to advocate for environmental education and professional development opportunities for teachers.

Supporting Leadership for Climate Action at school: What's working? What's needed? What's Next?

Presenters: Samantha Lin, Alex Balbino, Joanna Xu, Naia Lee, Samantha Candelaria, Laura Bamsey, Bruce Ford & Youth Leaders from across Metro Vancouver
Suitable for: K-12 Teachers, Youth Leadership Supporters
Room: D210

This session will introduce and explore key ingredients for effectively supporting Youth Leadership for climate action in Metro Vancouver Schools. This highly participatory session is inspired engaged youth leaders from across Metro Vancouver, including the Sustainabiliteens, organizers of recent Climate Strikes in Metro Vancouver. Teachers together with student leaders will celebrate what's working and identify what's still needed while exploring ideas and strategies for collaborative action.



Bruce Ford and Laura Bamsey

Bruce Ford and Laura Bamsey lead Metro Vancouver's Youth4Action programs. Together they work with and learn from high school youth and teacher leaders from across Metro Vancouver who have been actively influencing action and awareness for sustainability in schools for decades.



Samantha Lin

Samantha Lin, Grade 12 Student, Youth Leader, Sustainabiliteen Sam is a Grade 12 student strike organizer with Sustainabiliteens, where she has helped organize Global Climate Strikes in Vancouver. She is a passionate climate justice activist who strives to create stronger communities and build positive solutions. She also serves as the Chair of the Vancouver School Board Sustainability Conference and works with other local initiatives.



Alex Balbino

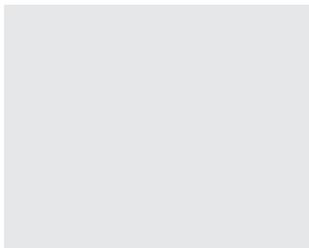
Alex is a grade 11 student from Saint Thomas More Collegiate passionate about influencing sustainability within schools. He participated in the Metro Vancouver Sustainability Toolbox & leads his schools green team.

**Joanna Xu**

Joanna is a grade 11 student from Sir Winston Churchill Secondary School who wants to see improvement in sustainability education within schools. Since childhood, she has been active in her schools' environmental clubs and has led her own.

**Naia Lee**

Alex is a grade 11 student from Saint Thomas More Collegiate passionate about influencing sustainability within schools. He participated in the Metro Vancouver Sustainability Toolbox & leads his schools green team.

**Samantha Candelaria**

Samantha Candelaria is a grade 12 student at New Westminster Secondary School. She is passionate about social sciences and the arts. She is currently studying her grade 10 piano repertoire for the Royal Conservatory of Music and is diligently rehearsing for her school's upcoming musical production of Beauty and the Beast. Samantha participated in the Metro Vancouver Sustainability Toolbox of 2019 where she developed a newfound passion for sustainability awareness and education. She is currently working towards a zero-waste lifestyle, and hoping to inspire those around her.

The Climate Crisis and Poetry

Presenters: Linda Christensen **Suitable for:** Poetry lovers and all teachers **Room:** D208

Poetry allows students to inhabit the lives of others, to use their imagination to humanize the abstraction of climate change vivid enough for the reader—and the writer—to be moved by people and their circumstances: Vanished sea ice. Skies choked with wildfire smoke. The Yakama fighting coal exports on the Columbia River. Students in the streets demanding change. This workshop demonstrates ways to help students explore the connection between climate and social justice through poetry.



Linda Christensen

Linda Christensen is the Director of the Oregon Writing Project (OWP) in the Graduate School of Education at Lewis & Clark College. She is also the author of *Reading, Writing, and Rising Up: Teaching about Social Justice*, 2nd Edition, *Teaching for Joy and Justice: Re-Imagining the Language Arts Classroom*, and *Rhythm and Resistance: Teaching Poetry for Social Justice*. She has also co-edited several books, including *Rethinking Elementary Education*, *The New Teacher Book: Finding Purpose, Balance, and Hope During Your First Years in the Classroom* and *Rethinking School Reform: Views from the Classroom*.

Unearthing Educators' Emotional Needs in a Time of Social and Ecological Crises: Re-imagining Narratives for Change

Presenters: Laura Piersol and Gillian Judson **Suitable for:** K-12 Educators **Room:** D207

In this dialogical session we hope to uncover the complex emotions we experience as educators as we live in times of crisis. We will also consider the important role of story for educators and for their students as a means of articulating emotional needs and expressing possibilities for future action. Story can serve cathartically to unleash our inner pain but also can serve to guide us and help mobilize us in our future work. We will collaboratively imagine future possibilities through which to share these stories, stay connected and take tangible steps with our students.



Dr. Gillian Judson

Dr. Gillian Judson is Executive Director of the Centre for Imagination In Research, Culture and Education (www.circsfu.ca) at Simon Fraser University. She also teaches in the Faculty of Education and supervises programs in Imaginative Education. Her research and teaching are primarily concerned with the role of imagination in all learning but she is especially passionate about ecological education.

Dr. Laura Piersol

Dr. Laura Piersol is Faculty Associate in Field Programs at Simon Fraser University. She teaches in Place- and Nature-based education. She currently is involved as a researcher at the NEST (Nature Education for Sustainable Today's and Tomorrow's) school on the Sunshine Coast.

Water Rights

Presenter: Heather Kelley **Suitable for:** Open to All **Room:** B111

Focusing on the global water crisis through a social justice lens, participants will explore the connections between water access/water privatization issues, human rights, and social justice. Through an inquiry model, teachers will consider how water resource conservation issues are relevant in the classroom, the community, nationally and globally. The workshop will provide opportunities for teachers to explore water rights teaching resources and to develop a plan to support students in taking concrete actions.



Heather Kelley

LGBTQ curriculum/resource specialist, SOGI School Lead, Pride Prom Organizer

Living and teaching on the unceded territories of the Musqueam, Skxwu7mesh, Tslei-Waututh, Kwikwetlem, Kwantlen, Katzie, Semiahmoo, Sto':lo and Squamish peoples.

We are the Land and the Land is Us!

Presenter: Candace Campo and Johan Stroman **Suitable for:** Suitable for Teachers - K to 12 **Room:** D214

Projects on the Arctic Ocean in NWT and in Urban Vancouver highlight the opportunities and challenges of bringing climate change education to school systems. Massive change impacts all communities. Climate change, economics, systemic inequity and first nations history and the need for reconciliation are drivers. It can feel overwhelming. How can educators, community ambassadors, leaders and future leaders explore collaboration to sustain our future using education and cross-cultural education as a vehicle. What is needed in this approach is real collaboration. Indigenous people are sought extensively to provide their perspective and fuel the social platform but is it reciprocal? To consider and address climate change, we need to collaborate and investigate, look within our relationships with each other, skalamixw (humans), our relationship to the land and come to understand, intimately and pragmatically, our disconnects and how it impacts our institutions, governments, educational systems, our children, our unborn. How can we help by inviting others to the table? We investigate emergent themes from the groups' shared perspectives and consider next steps for ourselves. We are the Land and the Land is Us!



Candace Campo

Candace Campo is a Shísháhlh entrepreneur and tour leader with Talaysay (www.talaysay.com) for 15 years. She brings a practiced First Nations Lens and rich perspectives on sustainability, leadership and how we tackle climate change challenges with students and teachers alike.



Johan Stroman

A biologist to start, Science-Maths teacher for 12 years, Johan now creates sustainability and change resources and facilitates teacher and classroom sessions. He brings local government and non-profits experiences along with a BSc and a MA in Environmental Education. He loves being outdoors with his kids on the Sunshine Coast.