BURNABY FESTIVAL OF LEARNING
WWW.FESTIVALOFLEARNING.CA

FESTIVAL PROGRAM
MAY 6TH-10TH, 2022

ENIRONMENTAL SUSTAINABILITY

ECONOMIC SUSTAINABILITY

SOCIAL SUSTAINABILITY

CO-PRESENTED BY

SFU SIMON FRASER UNIVERSITY

City of Burnaby
WE ACKNOWLEDGE...

It is our honour and privilege to be doing this work in Burnaby on the ancestral and unceded homelands of the hən̓q̓əmin̓əm̓ and Skwxwú7mesh speaking peoples. We are grateful for the opportunity to be on this shared territory. We look forward to deepening our relationships with all the Indigenous peoples of these territories.

Burnaby Festival of Learning encourages all residents to learn more through Indigenous History in Burnaby, a guide created by Burnaby Village Museum in collaboration with a number of First Nations partners over the course of several years.

WELCOME

The Burnaby Festival of Learning takes place May 6-10th, 2022. We are so pleased to be back to in-person events this year and very excited to offer a new model in which to take in the BFOL experience – with a wide array of online events as well!

Now in its seventh year, the Festival continues to highlight community members, and all the incredible work that is happening in and around Burnaby! We set the stage for Burnaby’s diversity to shine as we celebrate the exciting initiatives that you – the people of Burnaby – are involved in creating.

The Festival is an initiative of Simon Fraser University and The City of Burnaby. A Festival by the community, for the community – we could not produce it without the incredibly dedicated and hard-working assistance of over thirty community partners who represent hundreds of individuals presenting us with a small taste of the sights, sounds and textures that make up this incredible, vibrant city.

The theme of this year’s Festival is: Sustainability, with three intersecting paths, social, environmental and economic sustainability. The community of Burnaby responded with a resounding “yes” through expressed interest that was unprecedented.

Our goal continues to be: community-building through on-the-ground learning opportunities. We aim to build lifelong learning opportunities through enlivening, creative and social events that ultimately catalyze new, long-term relationships and partnerships, adding depth to the social and cultural fabric of Burnaby.

We look forward to taking this learning journey with you.
FEATURED EVENTS

MAY 7, 2022

INVITATION TO COLLABORATE IN CO-CREATING THE BURNABy MOUNTAIN FESTIVAL

Saturday, May 7, 2021  |  10:00am – 12:00pm online workshop  2:00pm – 3:00pm group walk
Location: Meet at Rose Garden on Burnaby Mountain

Hosted By: Burnaby Mountain Festival

This Spring we are coming together to listen, learn, co-create, develop and plan a festival of Indigenous land acknowledgement on Burnaby Mountain. This event is an opportunity to put our words into practice by actively honouring and celebrating the stewards of the land upon which Burnaby Mountain stands. Land acknowledgements are now established as an expected community practice for institutions, events, etc., even signing off on one’s email, but what exactly is being said with that statement, and how sincerely are we using that land acknowledgement?

Come join us as we meet for an online workshop on land acknowledgment, and discuss how to take what we are learning back into our homes, our communities, and make meaningful steps to actively engage in deeper relationships to the land, waters, and Peoples of these territories.

Those who are involved will have opportunities to learn territorial protocols and find pathways for creating stronger, more reciprocal relationships with Tsleil-Waututh (People of the Inlet) and the places they care for.

Following our online workshop, we will be meeting on Burnaby Mountain for those who would like to continue our conversation on the land. We are calling this an invitation to walk and talk, feel and heal. Through the walk, we hope to emphasize that learning is a process that requires community participation and reciprocity.

Ultimately, this workshop is an opportunity for residents to identify how the Burnaby Mountain Festival can help strengthen and support relations between community members, Tsleil-Waututh, and the land itself.
FEATURED EVENTS

MAY 7, 2022

ART CUBE

Saturday, May 7, 2022 | 8:00pm – 9:30pm
Confederation Park picnic area, 300m north of Hastings on Beta Ave. Just look for the giant glowing cube!

Hosted By: Art After Dark & Burnaby Neighbourhood House

A free, all-ages pop-up art installation, featuring artists Grant Withers and Yunuen Perez Vertti. Join us for this amazing, projected performance art installation involving film, video feedback, music and other surprises. Art Cube was created for Stride Burnaby Arts Festival — and kicked off Grant and Yunuen’s Art After Dark series featuring free, innovative public art initiatives.

For one night only, the audience will experience this contemporary multimedia art installation in Burnaby’s Confederation Park – a forested urban picnic spot by day and a glowing, pulsing projected light and soundscape by night.

Like most of this duo’s projects, this film event is about creating unique, shared, community arts experiences while promoting curiosity and artful living. Grab your coat and your imagination. We’ll see you in the park after dark! Just look for the giant glowing cube!
FEATURED EVENTS

MAY 8, 2022

BURNABY SOUNDWALK
Sunday, May 8, 2022 | 10:00am – 6:00pm
Deer Lake Park
Hosted By: Martin Reisle

Experience the familiar in a new way. Let your ears lead you. Follow our planned route and take a Soundwalk to connect with the unique voice of your environment, your city, and the world around you in a safe, active, and musically interesting way.

“A Soundwalk invites participants to actively listen, opening ears and consciousness to the complex orchestration that the environment is composing at all times. It is a musical-sonic adventure that reveals the banal to be extraordinary!” –Vancouver New Music

This event is self-directed (with the aid of a sound-map and accompanying prompt sheet). There will be additional acoustic installations along the route!

FIREFASTER – THE STORY OF BANGARRA
Sunday, May 8, 2022 | 8:20pm – 10:00pm
Burnaby Civic Square: 6100 Willingdon Ave, Burnaby
Hosted By: DOXA Documentary Film Festival

Join us for a lively, free, outdoor screening of Firestarter – The Story of Bangarra. This is the story of how three young Aboriginal brothers – Stephen, David and Russell Page – turned the newly born dance group (Bangarra) into one of Australia’s leading performing arts companies. Through the eyes of the Page brothers and company alumni, Firestarter explores the loss and reclaiming of culture, the burden of intergenerational trauma and crucially, the extraordinary power of art as a messenger for social change and healing.
MAY 9, 2022

WILDLIFE IN OUR BACKYARD

Monday, May 9, 2022 | 11:00am – 12:00pm
Online

Hosted By: Burnaby Public Library, Johanna Wagstaff

Southern B.C. has seen everything from heat waves to snowstorms, tornados to flooding, wildfires to big waves – and that’s just in the past year! CBC’s Johanna Wagstaff will help us understand the science behind climate change and how it is affecting our daily weather. Discover what it’s like to be a meteorologist, and learn ways we can adapt to the wild weather and how we can stop the worst from happening.

Through sharing her new children’s book: Little Pinecone: Wildfires and the Natural World, Johanna will use story to illustrate how all kinds of weather is important for life on planet Earth and how humans are altering natural cycles.
# Festival Schedule

## Friday, May 6
- **Learning to Unlearn**
  11:00am – 2:00pm
- **Electric Vehicle Energy Management Systems: Complicated, or Fun?**
  11:30am – 12:30pm
- **Options for Retired Electric Vehicle Batteries: An Applied Research Perspective**
  1:00pm – 2:00pm
- **Cedar Weaving Workshop**
  2:00pm – 3:00pm
- **The Secret is in the Breath: Sustaining our Mental Health at Home and Work**
  2:00pm – 3:30pm
- **Learning the Rainbow Alphabet**
  2:00pm – 4:00pm
- **An Urban Understory (Day 1)**
  3:00pm – 5:30pm
- **Seedling to Side Dish: Explore Cultural Plants and Palettes**
  3:30pm – 5:30pm
- **Social Media & the Family**
  5:00pm – 8:00pm
- **From the Micro to the Macro: Finding our Place in the Stars**
  7:30pm – 9:00pm

## Saturday, May 7
- **Science Rendezvous and International Astronomy Day**
  9:00am – 6:00pm
- **Invitation to collaborate in co-creating the Burnaby Mountain Festival**
  10:00am – 12:00pm online workshop
- **Raising a Multilingual Child**
  10:00am – 11:30am
- **Minimize Your Risks, Maximize Your Profits: Tips and Tricks for a Successful E-commerce Business**
  10:00 am – 12:00pm

## Sunday, May 8
- **Burnaby Soundwalk**
  10:00am – 6:00pm
- **The Flora and Fauna of Deer Lake**
  11:00am – 1:00pm
- **DIY Vertical Gardening: Recycled Pop Bottle Garden Tower**
  1:00pm – 2:30pm
- **Snail Mail Revival - The Return of Letter Writing**
  3:00pm – 4:30pm
- **Multicultural Arts and Crafts Workshop**
  2:30pm – 3:30pm
- **An Urban Understory (Day 2)**
  4:00pm – 6:00pm
- **Reconnecting with Sleep and Waking Dreams**
  6:00pm – 8:00pm
- **Firestarter – The Story of Bangarra**
  8:20pm – 10:00pm

## Monday, May 9
- **Chair Yoga and Stretching for Seniors**
  10:00am – 11:00am
- **Wild Weather in Our Backyard**
  11:00am – 12:00pm

## Tuesday, May 10
- **SFU Explorations Day**
  9:00am – 5:00pm
- **What do we mean when we talk about Street Trees?**
  9:00am – 10:00am
- **A Glimpse into the Digestive and Nervous System**
  9:00am – 10:00am
- **Digitizing and Editing Photos**
  10:00am – 10:45am
- **Virtual Reality: Keeping us Together, Kilometers Away**
  10:00am – 11:00am
- **108 Empathy for Peace: Bridging Afghans and Canadians**
  10:00am – 12:00pm (workshop)
- **Social Purpose in Business: Transforming Business and Communities**
  10:30am – 11:30am
- **SFU Living Lab**
  2:00pm – 3:00pm
- **Discovering Wild, Native and Medicinal Plants as Teachers**
  6:00pm – 8:00pm
- **Absolute Beginner Ballet Class (Age 19+)**
  7:00pm – 8:30pm

Register for events at: [WWW.FESTIVALOFLEARNING.CA/EVENTS](http://WWW.FESTIVALOFLEARNING.CA/EVENTS)
COMMUNITY EVENTS

MAY 6, 2022

LEARNING TO UNLEARN
Friday, May 6, 2022  |  11:00am – 2:00pm
Online
Hosted By: The Social Echoes

With a desire to address the Truth and Reconciliation Commission’s 94 Calls to Action, The Social Echoes explores the symbolism of Michael Nicoll Yahgulanaas’ The Flight of the Hummingbird, looking for ways to invite relations within communities using curiosity, respect and humility. Safely unpack and unlearn some of the “truths” you’ve been taught. Through the use of relational learning, we invite you to learn and unlearn, to be guided and not to impose.

THE SECRET IS IN THE BREATH: SUSTAINING OUR MENTAL HEALTH AT HOME AND WORK
Friday, May 6, 2022  |  2:00pm – 3:30pm
Online
Hosted By: Burnaby Public Library

With so many changes in our social landscape brought about by the pandemic and other stressors, we can sometimes feel overwhelmed, anxious, and stressed. This virtual workshop led by Dr. Hiteshini Jugessur will introduce participants to the benefits of mindfulness. Dr. Jugessur will introduce you to accessible breathing exercises and mindfulness-based activities that you can do at home or at work. Learn how to build resilience and sustainable mental health practices into your daily life.

LEARNING THE RAINBOW ALPHABET
Friday, May 6, 2022  |  2:00pm – 4:00pm
Online
Hosted By: Burnaby Pride

This workshop will offer a safe space for beginners to learn about the spectrum of gender and sexuality, intersecting identities, language use, and how to be an ally. No prior experience or knowledge is necessary. Our workshops are a comfortable place where you can ask questions even when you aren’t sure if you know the right words. In this space, we are all learning together.

AN URBAN UNDERSTORY

Day 1
Friday, May 6, 2022  |  3:00pm – 5:00pm
Civic Square

Day 2
Sunday, May 8, 2022  |  4:00pm – 6:00pm
Room 103, Shadbolt Centre for the Arts
6450 Deer Lake Ave, Burnaby, BC

Hosted By: Naomi Steinberg

Have you ever wondered what was happening not far below the surface of concrete covering the city? There are great systems down there. Ecological infrastructure: creek, soil, water. Urban infrastructure: electricity, grey water, kilometers of pipes and wires moving stuff around.

Take part in a two day story-collecting workshop inspired by specific elements of urban infrastructure. Stories will be told in order to spark discussion, potentiate innovation, and encourage collaboration. Imagination and flights of fancy invited!
COMMUNITY EVENTS

MAY 6, 2022

SOCIAL MEDIA & THE FAMILY

Friday, May 6, 2022 | 5:00pm – 8:00pm
#108-7315 Edmonds St.
Hosted By: Edmonds Youth Education Centre

This interactive workshop will discuss digital technology use and its effects on family dynamics. Join us to explore the positive and negative impacts of digital technology and take the opportunity to analyze the effects of digital tools on individual and collective consciousness.

Come away from this session empowered to make sound choices related to digital tools, and gain practical information about which tools to choose and why.

SEEDLING TO SIDE DISH: EXPLORE CULTURAL PLANTS AND PALETTES

Friday, May 6, 2022 | 3:30pm – 5:30pm
Student Union Building (SUB), 8888 University Drive West
Hosted By: Embark Sustainability

Grow a garden as vibrant and diverse as Burnaby! Join Embark Sustainability to discover how you can cultivate and cook a culturally diverse array of fruits and veggies.

In this workshop, you’ll learn to grow plants and your palette by exploring the produce that different communities use to create their cultural meals. Walk through the process, from seedling to side-dish, learn about creating just food systems, and explore the accessibility of culturally significant foods. Seeds and recipe cards included!

FROM THE MICRO TO THE MACRO: FINDING OUR PLACE IN THE STARS

Friday, May 6, 2022 | 7:30pm – 9:00pm
Online
Hosted By: inHarmony inNature

Did you know that witnessing the night sky has a profound effect on the human psyche? Laura Cisneros and Lori Snyder invite you to join them in exploring how we could have an understanding of our place in the greatness of the Cosmos and create deeper roots in Mother Earth. This workshop will ask you to consider how our physical and emotional bodies respond to cosmic energy, and how we could possibly go back to planting within the rhythms of the Moon and the Sun.
COMMUNITY EVENTS

MAY 7, 2022

SCIENCE RENDEZVOUS AND INTERNATIONAL ASTRONOMY DAY (VIRTUAL EDITION)

Saturday, May 7, 2022 | 9:00am – 6:00pm

Science Rendezvous takes over universities, colleges and major cities, and stages the biggest Canadian national STEAM celebration – make sure you are a part of this! SFU Faculty of Science is back with more exciting and fun science activities that you can enjoy virtually! We will have live streamed magic chemistry shows, a special Meet an SFU Scientist virtual presentation with one of our astrostatistics faculty presenters, astronomy presentations via Zoom, live-streamed front-row remote access to our telescope on-campus, tours of our Trottier Observatory at our Burnaby campus for those who prefer to come onsite, and tons of online instructional videos and resources to help you engage in science from the comfort of your own home.

Learn about the experiment proposals that went up to space this spring. Middle school and high school students explored science questions on the effects of zero gravity on their favourite science ideas during our recent Student Spaceflight Experiment Program.

This is your chance to connect with our university scientists and researchers, experience the magic of their scientific discoveries, and build the breakthrough inventions that you can call your own!

MINIMIZE YOUR RISKS, MAXIMIZE YOUR PROFITS:
TIPS AND TRICKS FOR A SUCCESSFUL E-COMMERCE BUSINESS

May 7, 2022 | 10:00 am – 12:00pm
Online

Hosted By: Making HER Future!

When starting a business, the biggest misconception is: ‘all you need is an awesome idea’. In this workshop designed for women entrepreneurs, learn how to turn a simple idea into a successful business. Learning how to strategize by using research and a user-centered design, participants will gain practical skills, like how to list and validate assumptions, product design iteration, and digital marketing strategies. Come away with the knowledge to set up an e-commerce store of your own by using existing online platforms, and learn effective ways to reach potential customers using social media.
COMMUNITY EVENTS

MAY 7, 2022

RAISING A MULTILINGUAL CHILD

Saturday, May 7, 2022 | 10:00am – 11:30am
Online
Hosted By: Burnaby Public Library

Are you the parent or caregiver of a young child who is growing up bilingual? Are you worried that your child may lose their home language or that they will not learn English properly? Join us to learn practical tools you can use in your daily life to support your child as they grow up learning two or more languages. We will provide techniques and best practices to raise a bilingual child. This virtual workshop is presented by Dr Anne Rimrott from Bilingual Family Consulting, in partnership with Literacy Now Burnaby.

EATING FOR THE PLANET: WHAT DOES EATING SUSTAINABLY MEAN?

Saturday, May 7, 2022 | 11:00am – 12:00pm
Multi-Purpose Room #1
Christine Sinclair Community Centre, 3713 Kensington Ave, Burnaby
Hosted By: Lighter FoodPrint

When you visit a restaurant, what do you consider more: health or cost? How do greenhouse gas emissions enter into your equation? In this workshop, we will examine how food choices affect climate change and how to choose more sustainable meals.

Join Lighter Foodprint for a workshop filled with interactive discussions and activities, and leave with a clear plan to reduce the carbon emissions created by your diet.

108 EMPATHY FOR PEACE: BRIDGING AFGHANS AND CANADIANS

Saturday, May 7, 2022 10:30am – 12:00pm (panel)
Tuesday, May 10, 2022 10:00am – 12:00pm (workshop)
Online
Hosted By: MOSAIC & Baba Tree

MOSAIC & Baba Tree, have both led over 45 years of empowerment, empathic action, and social change.

During the panel event, you will meet MOSAIC staff, Afghan community members, and Nonviolent Communication (NVC) trainers who led training in peace-building and conflict resolution in Afghanistan, and you will learn about the contribution and challenges of Afghan’s diverse communities in BC.

In the introductory workshop, you will be introduced to some of the fundamental principles of NVC led by certified trainers with the Center for Nonviolent Communication.
COMMUNITY EVENTS

MAY 8, 2022

THE FLORA AND FAUNA OF DEER LAKE

Sunday, May 8, 2022 | 11:00am – 1:00pm
Dear Lake

Hosted By: Burnaby Village Museum

Artist John Preissl, Sto:lo from Leq’a:mel First Nation with ancestry in Squamish and Katzie Nation will lead a tour around Deer Lake, talking about the ecosystem, the waterways and the flora and fauna that are Indigenous to this area. John will share stories of the land, the people and of his family and their importance in creating a stronger relationship to each other and to the world around us.

The maximum number of participants is 12, so register early. Please note there is an age requirement of 10 years and up.

DIY VERTICAL GARDENING: RECYCLED POP BOTTLE GARDEN TOWER

Sunday, May 8, 2022 | 1:00pm – 2:30pm
Covered Picnic Site #1
Confederation Park, 250 Willingdon Ave, Burnaby

Hosted By: Refarmers

Vertical gardens may not solve world hunger by themselves, but growing edible plants from seedling to food is a small step toward understanding food justice and addressing nutrition security. And it’s fun, too.

Recycled Pop Bottle Garden Towers are a great way to vertically grow shallow-rooted edible plants like herbs, lettuce, strawberries, chives, baby greens, pak choi and many more. They are ideal in multiple small spaces.

SNAIL MAIL REVIVAL – THE RETURN OF LETTER WRITING

Sunday, May 8, 2022 | 3:00pm – 4:30pm
Edmonds Community Centre
7433 Edmonds St, Burnaby

Hosted By: Irene Lau

When is the last time you sent or received an actual letter? Take a break from technology and connect the analog way – through a handwritten letter! Learn why there has been a revival of letter writing during the pandemic, and get an introduction to letter writing – from how to write a letter to what to write about and to whom, we will cover it all! We hope to inspire you to put pen to paper and (re) make it a part of your life. Supplies will be provided.
COMMUNITY EVENTS

MAY 8, 2022

MULTICULTURAL ARTS AND CRAFTS WORKSHOP

Sunday, May 8, 2022 | 2:30pm – 3:30pm
TD Children’s Program Room
Tommy Douglas Library
7311 Kingsway

Hosted By: Culture Chats

Culture Chats Arts and Craft Workshops offer training and support for local community artists to work on traditional multicultural arts and crafts. In this workshop, you will create art using recycled materials. Enjoy a unique artistic experience – families and children welcome!

Led by Lori Goldberg, a Langara College Fine Arts, Ontario College of Art and Emily Carr University of Art and Design graduate, Lori seeks intersection with broader communities, and enjoys developing collaborative and mutually instructive inquiries about how art can affect positive environmental change.

RECONNECTING WITH SLEEP AND WAKING DREAMS

Sunday, May 8, 2022 | 6:00pm – 8:00pm
Online

Hosted By: Unfolding Senderos

Dreaming is an ancient art, long forgotten in our current times. Are you curious to learn how to practice this art? Explore how to sweeten your sleeping time, and subsequently, your dreaming time in this interactive dialogue and visual presentation. Participants will explore how to engage with dreams and will receive practices, habits, and rituals to enhance sleeping and dreaming time, as well as information about teas and plants that may help to enhance sleeping and dreaming time.

The presentation includes three short video clips from experienced dreamers of different cultures (North and South, Tsilhqot’in, Quechua, and Shuar). Join us for an exploration of dreaming practices!
COMMUNITY EVENTS

MAY 9, 2022

CHAIR YOGA AND STRETCHING FOR SENIORS
Monday, May 9, 2022 | 10:00am – 11:00am
Online
Hosted By: Voices of Burnaby Seniors Society
Chair Yoga (also called Seated Yoga) aims to increase the physical resilience of everyone, especially seniors. This gentle physical activity is performed in a seated position. Through a series of disciplined poses, controlled breathing, and flexing exercises led by a qualified instructor, you will build stamina, cleansing, balance and flexibility. Follow along in the privacy of your home! If you are new to Yoga and curious, join us to experience the benefits for yourself.

EARTH’S ENERGY-BALANCE: A CLIMATE MODELLING WORKSHOP
Monday, May 9, 2022 | 2:00pm – 4:30pm
Online
Hosted By: Christine Leclerc and co-facilitators
This workshop is an introduction to some of the key concepts that makeup our understanding of the Earth’s energy balance, including electromagnetic radiation, blackbodies, and thermal electromagnetic radiation. Receive a tutorial on the Python programming language so you can then take part in a hands-on lab activity – modelling the Earth’s energy! No prior coding experience required – the tutorial will help you understand how the model works so you can explore how changes in things like ocean depth or temperature affect the Earth’s energy.

ABSOLUTE BEGINNER BALLET CLASS (AGE 19+)
Monday, May 9, 2022 | 5:30 – 7:00pm
Tuesday, May 10, 2022 | 7:00pm – 8:30pm
Online
Hosted By: Sarah Hin Ching U
This beginner class is the perfect way to try ballet without the intimidation of a studio setting! The class offers the opportunity to learn from the comfort of home while receiving guidance and instruction from an experienced teacher. During the last 25 minutes, Sarah will share her personal experience of starting ballet at a late age and will offer her insight into the myth of “ballet body”. Sarah will also share her knowledge about ballet clothing, equipment and how to pursue further training.

MAY 10, 2022

SOCIAL PURPOSE IN BUSINESS: TRANSFORMING BUSINESS AND COMMUNITIES
Tuesday, May 10, 2022 | 10:30am-11:30am
Online
Hosted By: Social Purpose Institute, Burnaby Board of Trade, BCIT
The Social Purpose Institute at United Way (SPI), The Burnaby Board of Trade, and the City of Burnaby entered into a strategic partnership to make Burnaby a hub for the growth and acceleration of social purpose-led organizations. The first of its kind in Burnaby. BCIT recently launched a new course in social purpose business, a credential focused entirely on using business as a tool to address the interlocking crises of climate change, growing inequality, and systemic racism.
Join Social Purpose and Sustainable Business experts for a discussion about what the SPI’s historic partnership and BCIT’s purpose-focused educational programming mean for the City of Burnaby, and beyond!
COMMUNITY EVENTS

MAY 10, 2022

SFU LIVING LAB
Tuesday, May 10, 2022 | 2:00pm – 3:00pm
Online
Join us for this amazing lineup of online events, featuring four Living Lab projects, all aimed at meeting sustainability targets! This year’s projects explore transportation options through a commuter survey, optimized building retrofits, the life and afterlife of digital devices, and sustainable energy production through utilizing hybrid solar-rain cells.

SFU Transportation and Commuting Survey
Laura Beattie conducts a comprehensive survey across campuses to better understand commuting patterns and sources of GHG emissions from transportation-related sources.

Optimized Building Retrofit Strategy Tool
Milad Ebadi aims to design an Optimized Building Retrofit Strategy Tool (OBRST) to reduce each building’s energy demand for space cooling and heating, based on specific parameters, like location, working routine and construction material.

The Life and Afterlife of Digital Devices in Academic Research
Reese Muntean examines the gaps in sustainable human-computer interaction research and in university procurement through a visual and mixed-methods research study of technology procurement and the end of life of digital devices at SFU.

Sustainable Energy Production Through Utilizing Hybrid Solar-Rain Cells
Ribwar Ahmadi fabricates and tests silicon-based hybrid solar-rain cells to harvest the energy of sunlight and falling droplets of water, simultaneously.

DISCOVERING WILD, NATIVE AND MEDICINAL PLANTS AS TEACHERS
Tuesday, May 10, 2022 | 6:00pm – 8:00pm
Meet at Patterson Skytrain, tour in Central Park
Hosted By: Earth and Company
Indigenous Métis Herbalist, Lori Snyder invites you to join her on a walk through Burnaby Central Park to learn about wild, native and medicinal plants. You will be invited to consider plants as teachers, and you will learn how to practice reciprocity, shared responsibility and gratitude for the living world, and to deepen your understanding of your role as a steward of future generations. Handouts will be provided. Come with your tea, notebook and an open heart.

SFU’s Living Lab is an applied research program that facilitates sustainability-themed research at SFU by creating structured collaborations between staff, faculty and graduate students. The program aims to provide opportunities for applied research and experiential learning that improve the sustainability of SFU’s three campus communities.
SFU EXPLORATIONS DAY
MAY 10, 2022

SFU Explorations Day is back! This year, high school students have the chance to explore new adventures in online learning through a wide range of science, humanities and social science classes. Explorations Day is currently open to the Burnaby School District only, however, if you would like to enroll your school group, please contact: festivallearn@gmail.com

SFU Faculty of Arts and Social Sciences

WHAT DO WE MEAN WHEN WE TALK ABOUT STREET TREES?
Hosted By: FASS in the Class
Are street trees part of the “urban forest”? What valuable services do the trees on our streets offer the city and humans? As urban communities and climate activists look to trees as a way to mitigate the impacts of global warming, we often consider only how trees benefit humans. Through a series of examples from global cities, this presentation invites participants to consider the multi-species relationships to the trees around us and asks not what trees can do for humans, but what humans can do for the trees.

VIRTUAL REALITY: KEEPING US TOGETHER, KILOMETERS AWAY
Hosted By: FASS in the Class
Over the last decade, virtual reality has increased in popularity among academic and industry professionals. Unsurprising, many have come to see the potential for VR technology to promote human connections across the planet. Already, it is being used to create digital training platforms, virtual communities, research environments for studying human psychology, and of course, games. In this workshop, you will be introduced to a variety of ways in which virtual reality has been used to advance human interests, with a special emphasis on research being done by labs at Simon Fraser University. Participants will be shown how they can join the conversation online, as well as how they can use freely available online tools to build their social environments.
SFU EXPLORATIONS DAY

May 10, 2022
SFU Faculty of Arts and Social Sciences

CONSPIRACY THEORIES: A PHILOSOPHICAL APPROACH
Hosted By: FASS in the Class
Conspiracy theories have been increasingly popular over the past several years. Why might this be the case? What are conspiracy theories? Why are they so appealing to many people? Can they be defended? What are their social and political implications? This talk aims to contemplate these questions from a philosophical perspective.

IT’S A FACT! OR IS IT? THE TURBULENCE OF GENDER
Hosted By: FASS in the Class
Many societies and cultures think of gender as a system of binaries. But is gender really all that certain? What about those who do not fit into either of the two boxes? And how do different theories about gender help to shed light on these questions? It is an important topic to explore because the gender binary helps to create and sustain social hierarchies – including harmful ones. It is a key factor in perpetuating power, privilege, and status. However, there are always those who speak up and speak out to challenge the gender binary system in the struggle for equality, social justice, and fairness. Come and explore the turbulence of ideas in this important conversation.

TALES OF RUBBISH THINKERS
Hosted By: FASS in the Class
This session offers an introduction to the ways we think and write about waste and how we value beginnings and endings. Participants engage with the ideas of philosophers and artists who question the way we cast aside some items as worthless. Attendees will explore these narratives and question ideas of waste as an end-point, approaching the idea that “waste” is not so much what we do but rather how we think.
SFU EXPLORATIONS DAY

May 10, 2022

SFU Faculty of Applied Science

CIRCULAR ECONOMY CANDY CREATIONS
Hosted By: Science Alive

Please join us for an engaging discussion that will weave together principles of circular economy, sustainable engineering, and Indigenous worldviews. Indigenous groups have used the concept of a circular economy since time immemorial by sharing, reusing, repairing and recycling existing materials. Learn about these ideas, and explore how they get put into action by engineers who design sustainable and reusable plastic packaging!

This session is best for learners in Grades 6-9 and prompts investigation into personal and professional relationships, economic participation, and environmental awareness to meaningfully promote and support life on an interconnected planet.

SFU Faculty of Science

A GLIMPSE INTO THE DIGESTIVE AND NERVOUS SYSTEM
Hosted By: SFU Science in Action

Curious about the digestive and nervous systems? In this hands-on demonstration, students will have an opportunity to explore aspects of human anatomy, such as how our bodies digest different foods, how our nervous system helps control our body, and some mind-boggling brain tests. For the best experience, students should come prepared with two paper cups, a plastic tray/bowl, a sealable Ziploc bag, ½ pair of nylon socks, orange juice, crackers, and a banana.

CHEMISTRY IN ACTION
Hosted By: SFU Science in Action

In this interactive session, students will get to explore a wide variety of chemistry topics, from acids and bases to the difference between endo- and exothermic reactions. Students will watch a special demo featuring liquid nitrogen — which sits at negative 196 degrees Celsius and must be handled with care — and experience how acid/base reactions can create a myriad of colours right in front of their eyes!

CRITICAL MINERALS AND THEIR IMPORTANCE TO A GREEN ENERGY TRANSITION
Hosted By: SFU Science in Action

Students will learn about the common use of critical minerals in everyday life and why they are essential in the future of clean energy in this self-guided discussion. In addition, students will get to study the minerals’ properties and identify the social and environmental impacts of critical minerals extraction.

CATALASE AND ENZYMES
Hosted By: SFU Science in Action

Experience enzymes in action by producing oxygen inside a test tube! In this lab, students will use biological samples that contain the enzyme catalase to observe the following chemical reaction: $2 \text{H}_2\text{O}_2 \rightarrow 2 \text{H}_2\text{O} + \text{O}_2$. Students will have the opportunity to think like a scientist - by changing experimental variables and monitoring bubble formation in test tubes, students can measure the production of oxygen gas and determine its effect on enzymatic activity.

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OPTIONS FOR RETIRED ELECTRIC VEHICLE BATTERIES: AN APPLIED RESEARCH PERSPECTIVE

Friday, May 6, 2022 | 1:00pm – 2:00pm

Would you like to learn what happens to retired electric vehicle (EV) batteries? Join us in a discussion about what BCIT researchers are doing to mitigate the EV battery end-of-life challenges. The session will incorporate an overview of BCIT research methods, and it will conclude in a critical thought discussion about how this issue might impact community members, like you.

This session will be of interest to anyone interested in electric vehicles and reducing their carbon footprint.

CEDAR WEAVING WORKSHOP

Friday, May 6, 2022 | 2:00pm – 3:00pm

The Gathering Place, SW1-1524, BCIT, 3700 Willingdon Avenue

Learn about cedar weaving from Shy Watters, a member of the shishalh Nation (Coast Salish) who also has kwakwakawakw lineage. At this workshop, Shy will guide you in creating your own cedar friendship rose, sharing the cedar tree of life, exploring how the cedar is harvested and processed, and learning about the significance of cedar to our coastal nations. All materials will be provided. Please note there is a maximum capacity for 10 for this workshop, so register early!

ELECTRIC VEHICLE ENERGY MANAGEMENT SYSTEMS: COMPLICATED, OR FUN?

Monday, May 9, 2022 | 11:30am – 12:30pm

Learn how BCIT’s OASIS Electric Vehicle Charging Station manages to supply power to 10 EVs at once without disrupting the existing power needs of BCIT’s Burnaby campus. With a simple card game, you will experience how the power needs of electric vehicles can be met. Learn how the EVEMS juggles power supply so you can charge your car, and have fun doing it.

OPEN COURSES AND RESOURCES: FREE FOR THE TAKING AND USING

Monday, May 9, 2022 | 11:00am – 12:00pm

In this session, we will review open courses and resources and consider why institutions are putting effort and funding into creating resources that are freely available. Join us to learn what differentiates various open models and licenses, and to discuss “badging” and how it fits into self-directed learning and micro credentials.
MAY 9

THINK LIKE A SCHOLAR: HOW TO FIND FREE AND OPEN ACCESS SCHOLARLY RESOURCES
Monday, May 9, 2022 | 3:30pm – 4:30pm

Over the past few decades, research outputs from universities, governments, and other organizations have become increasingly accessible to the general public, and there are now many routes for individuals to access the same information that professional researchers do. Librarians from BCIT will explain how you can search and access this information for free. We will discuss databases such as Google Scholar and PubMed, full-text finders like Unpaywall, the copyright exceptions that allow article sharing, and a multitude of other available information resources.

MAY 9

POLLINATORS, PLANTS AND INVADERS - HOW BCIT IS BRINGING NATURE TO URBAN ENVIRONMENTS
Monday, May 9, 2022 | 1:00pm – 3:00pm

BCIT manages 154 acres that cover a network of habitats, from parking lots to treat zones and protected riparian areas. Join us as we explain three important aspects of managing these varied urban habitats to encourage biodiversity. Although BCIT manages a large area, much of the shared knowledge can be applied to your own garden!

We will be covering our BeeCIT pollinator program and the network of urban beehives that have been installed across our campuses. We'll look at how invasive species management can benefit biodiversity and how horticulture best practices and planting can encourage wildlife and water conservation.

MAY 10

DIGITIZING AND EDITING PHOTOS
Tuesday, May 10, 2022 | 10:00am – 10:45am

In this session, you will learn how to scan old printed photographs and restore them to their former glory through editing techniques. You will learn how to digitally store photographs to enable easy access and online sharing.
BURNABY FESTIVAL OF LEARNING TEAM

Tara Flynn  Festival Director
Festivals are fun, and they are a lot of work. Prior to my role at SFU, I worked at DOXA Documentary Film Festival and Vancouver International Jazz Festival. It is possible that I am irrationally drawn to the stress of producing large events. I am so fortunate that my role at the BFOL allows me to meet and work with some truly remarkable people in Burnaby and beyond.

In a past life I studied documentary filmmaking, photography, creative writing and completed a degree in Sociology and First Nation Studies. I am currently working towards an MA in Ecological Psychology.

Danny Yan  Event Assistant
As the event assistant for the Burnaby Festival of Learning, I work closely with the team in assisting them with the administrative, marketing, and communications part of the festival. I love working for the Burnaby Festival of Learning because they take part in bringing the community of Burnaby together by supporting local organizations and independent creators. With the festival happening both in-person and online this year, I am excited for all of the fun and new learning activities happening this year at the Burnaby Festival of Learning 2022.

Tiffany Chen  Communications Assistant
As a Communications Assistant of the SFU’s Office of Engagement team, I supported the Burnaby Festival of Learning team as an Event Assistant. I worked very closely with the BFOL team, helping in the administrative, marketing and communications for this years’ festival. I have found a deeper affection for community engagement throughout my journey as a Communications Student and supporting BFOL has just been amazing! This festival is really an amazing opportunity to get the community together and learn in a lively setting. Together we get to see different individuals come together to connect within the City of Burnaby. We’re excited to bring some in-person events back this year and we just can’t wait!

Janet Yan  Graphic & Web designer
As the Graphic & Web Designer for this year’s Burnaby Festival of Learning, I create visual concepts and ideas to inspire and engage our community members. I am extremely excited this year as we will be returning to some in-person events after a challenging pandemic for 2 years. There is no excuse to miss the fun. Can’t wait to see you all in May!

Producing a festival is a team effort! Without the numerous volunteer hours and dedication of all the folks above and below the radar, this event would not happen. A huge shout out to:

PLANNING COMMITTEE:
Chair: Bettina Cenerelli
(Faculty Arts & Social Sciences, SFU)
Ana Maria Bustamante
(Burnaby Intercultural Planning Table)
Angela Boal
(Marketing, City of Burnaby)
Asmita Lawrence
(Culture Chats)
Carol-Ann Flanagan
(Society to End Homelessness)
Cynthia Henson
(SFU Faculty of Science)
Deirdre Grace
(BCIT Library)
Heidi Schiller
(Burnaby Public Library)
Kevin Brandt
(Burnaby School District)
Liliane De Oliveira
(Burnaby School District)
Lois Dawson
(Special Events Officer, City of Burnaby)
Simone Brandl
(Burnaby Neighbourhood House)

SPECIAL ADVISORS:
Heather McCain
(Creating Accessible Neighbourhoods, QMUNITY & Chronically Queer)
Rebekah Mahaffey
(City of Burnaby, Social Planning)
2022 Sponsors & Partners

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City of Burnaby

With generous support by

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SFU Science in Action
The Social Echoes
Unfolding Senderos
United Way Social Purpose Institute

COMMUNITY PARTNERS
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BCIT Sustainable Business Leadership
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Burnaby Mountain Festival
Burnaby Pride
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Burnaby Village Museum
Culture Chats BC Association
DOXA
Earth and Company
Edmonds Youth Education Centre
Embark Sustainability Society
FASS in the Class
inHarmony inNature
Lighter FoodPrint
Making HER Future!

MOSAIC
North Burnaby Neighbourhood House
Pacific Institute for Climate Solutions
Voices of Burnaby Seniors Society
Refarmers
Science AllYe
SFU’s Climate Research Lab
SFU’s Faculty of Applied Science
SFU Faculty of Science

John Preissl
Kate Elliot
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Laura Beattie
Laura Cisneros
Lin Brander
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Matthew Murray
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Nagham Shireen
Olivia Lohan
Reema Faris
Reese Muntean
Regina Martinez
Ribwar Ahmadi
Robin Barrett
Scott Watts
Sherif Salem
Sherry Chenyu Shen
Shy Watters
Soraya Janus
Tessa Jordan
Tessa Vanderkop
Theo Guevara
Zarghoona Wakil

ARTISTS
Grant Withers
Lori Goldberg
Sarah Hin Ching U
Martin Reisle
Naomi Steinberg
Nel Minchin
Wayne Blair
Yunuen Perez Vertti

PRESENTERS
Alan Stewart
Anne Rimrott
Arianna Sihota
Borna Noureddin
Catherine Cadden
Christine Leclerc
Deirdre Grace
Eleina
Emma Choat
Farhad Ahmad Mohammadzai
Hiteshini Jugessur
Heather McCann
Ian Linkletter
Irene Lau
Isabela Ortiz
Jasleen Sidhu
Jesika Kula
Jesse Wiens Chu
Joey Dabell
Johanna Wagstaffe

SPECIAL THANKS
Each person here has provided tremendous behind-the-scenes contributions. Thank you for adding significantly to the success of this Festival!

Bettina Cenerelli
Chris Yakimov
Cynthia Henson
Danny Yan
Janet Yan
Lois Dawson
Matthew Grant
Nicole Preissl
Tiffany Chen
Simone Brandl

With the tremendous support and effort from these community members, artists, and individuals, this Festival has been produced with a passion for lifelong learning, growth and development. Thank you!