



2016

TRU Undergraduate
**Research
& Innovation
Conference**
March 18 & 19

Friday Poster Exhibit:
3rd Floor House of Learning
**Saturday Lectures
and Presentations:**
International Building

See ugc.sites.tru.ca for details

**discover
explore
learn**

social sciences • arts • tourism
science • theatre • business
visual arts • more

Free! Everyone welcome



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Acknowledgements

The TRU Undergraduate Research and Innovation Conference would like to acknowledge Dr. Will Garrett-Petts, Associate Vice-President Research and Graduate Studies, and Brenda Mathenia, University Librarian, whose financial contributions make this conference possible. Many thanks for your ongoing generosity and support.

We would also like to acknowledge the contributions of the following:

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...and all of the student and faculty volunteers who have given so generously of their time to make this event a success!

Conference Organizing Committee

Chair: Elizabeth Rennie

Students: Robin Arundel, Hayfaa Bibi Zafiirah Golap Khan, and Chris Miller

Faculty and Staff: Lyn Baldwin, Bruce Campbell, Bart Cummins, Nancy Flood, Kathy Gaynor, John Hull, Wendy Krauza, Brian Lamb, Mohammad Mahbobi, Blair McDonald, Kim Naqvi, Susan Purdy, Ginny Ratsoy, Brenda Smith, Joanna Urban, Heidi Verwey, and Tom Waldichuk

11th Annual TRU Undergraduate Research and Innovation Conference

Conference at a Glance

Friday March 18, 2016

Time	Location	Event
12:00 – 6:00 pm	3 rd floor House of Learning	Student Poster Exhibit & Reception
6:30 – 8:30 pm	Black Box Theatre	Selected one-act plays from the TRU Actors Workshop Theatre's 17 th Annual Directors Festival & dessert prepared by TRU Culinary Arts

Saturday March 19, 2016

Time	Location	Event
9:00 – 9:30 am	IB Foyer	Registration & Breakfast
9:30 – 9:50 am	IB 1015	Opening Remarks from Will Garrett-Petts, AVP Research and Graduate Studies
10:00 – 11:00 am		Concurrent Sessions A1, A2 & A3
11:15 – 12: 15 pm		Concurrent Sessions B1, B2, B3 & B4
12:15 – 1:45 pm	IB 3035	Lunch
12:30 – 1:30 pm	IB 1015	Lunchtime entertainment: Battledecks!
2:00 – 3:00 pm		Concurrent Sessions C1, C2 & C3
3:00 – 3:30 pm	IB Foyer	Refreshment Break
3:30 – 4:30 pm		Concurrent Sessions D1, D2 & D3
4:30 – 6:00 pm	Panorama Room	Wine & Cheese; Closing Remarks from Brenda Mathenia, University Librarian

Friday, March 18, 2016

Student Poster Exhibit Presenters

Kayla Anderson	Biological Sciences (Nancy Flood)	Birds Beware! Guard Cat on Duty: A Statistical Analysis on How Education Can Affect Residents' Opinion of Cat Licensing in Kamloops
Parta Ansari Pirsaraei	Biological Sciences (Cynthia Ross Friedman)	Rate of Crystal Formation and its Impact on Purity: An Investigation Using Scanning Electron Microscopy and X-Ray Spectroscopy
Robin Arundel	English and Modern Languages (Ginny Ratsoy)	Collective All Night Study Events: Do They Work?
Lisa Bajkov Regena Bauchman Brandy Barnes Devon Jones Mallory Slack	Psychology (Jenni Karl)	How the Presentation of Health Statistics and Severity of Illness Influence Perceived Risk
Peter Barsevskis	Physics (Joanne Rosvick)	Variable "Be" Stars in the Perseus Constellation
Anton Bukreev	Computing Science (Andrew Park)	Tangible Human-Computer Interfaces
Megan Campbell Justin Hardy Julianna Brooker Sarah Chaudhary	Psychology (Jenni Karl)	The Effects of Gender and Facial Expressions on the Facilitation of Interactions among University Students
Leah Chadwick Anna Savchenko Nicole Phillips Karlle Stecko Zanele Bhebhe	Psychology (Jenni Karl)	Effects of Facial Expression and Socioeconomic Status on Approachability

Chad Fawcett	Computing Science (Kevin O'Neil)	Automated Water Sampling: Using Electric Colour Sensors and Micro Controllers
Cheryl Fraser	Geography (Tom Waldichuk)	Sense of Community in the City's Countryside: The Examination of Miner's Bluff Rural Neighbourhood in Monte Creek, BC
Cheryl Fraser Lauren DiMambro Ethan Lavoie	Geography (Tom Waldichuk)	The Commodification of Agriculture: An Examination of Wine Tourism in the Rural Urban Fringe
Tsz Yin Fung	Psychology (Reid Webster)	Perceived Social Support, Social Interest and Mental Health: Testing a Mediator Model
Sarah Gomes	Biological Sciences (Naowarat Cheeptham)	Preliminary Screening of New Brunswick Cave Bacteria for Antimicrobial Activity against Pathogenic Bacteria
Lucas Hampel	Biological Sciences (Cynthia Ross Friedman)	Plants, Fungi, and Freeloaders: Examining Fungal Species Richness in <i>A. americanum</i> throughout its Growing Season
Katherine Hawrys Tanis Lerner	Geography (Tom Waldichuk)	Migration to the Rural-Urban Fringe: An In Depth Look at a Higher Quality of Life As a Driving Factor
Chantal Holm	Biological Sciences (Naowarat Cheeptham)	Diagnosis of Urinary Tract Infections Using Matrix Assisted Laser Desorption/Ionization Time-of-Flight Mass Spectrometry (MALDI-TOF-MS) for Detection of <i>Escherichia coli</i> in Urine Samples

Mitchell Johnson	Biological Sciences (Naowarat Cheeptham)	It'll Drive you Batty: Looking for Environmental Cues that Trigger Hibernation Arousal in Hibernating Bats
Vincent Jones Anja Wieck Nathan Lynn Abdullah Shinan	Psychology (Jenni Karl)	Labyrinthine Tasks: The Effects of Mental Tasks on Recollection
Jackson Kusack	Biological Sciences (Matt Reudink)	Chasing HOFI: An RFID Approach to Tracking Movement and Behaviour in the House Finch
Cindy Lam	Biological Sciences (Naowarat Cheeptham)	Investigation of Bacteriophages Isolated from Local Kamloops Water Sources for Potential Antimicrobial Activity against methicillin-resistant <i>S. aureus</i> and Antibiotic-resistant <i>E. coli</i>
Patrick Lam Brian Beck Darrick Fletcher	Computing Science (Andrew Park)	Temporal Analysis of Radical Dark Web Forum Users
Nikia Leuschen Stephanie Tucker Sarah Wolrich Victoria Booth Lucas Kiefuk	Psychology (Jenni Karl)	Parts of Speech and the Effect on Short Term False Recall
Kaitlin Lomas Sydney Jacobsen Heidi Reul	Psychology (Jenni Karl)	Short Term Memory Recall: Testing Highlighted Words and Decay Theory
Robyn McArthur	Biological Sciences (Naowarat Cheeptham)	Antagonism in Caves: The Search for Potential Biological Control Agents Against <i>Pseudogymnoascus destructans</i> , the White Nose Syndrome Fungus

Ainslie McLeod	Biological Sciences (Louis Gosselin)	Snail Trails: Use of New Technology to Discover How Far Intertidal Snails Disperse and Where They Live
David Mendez	English and Modern Languages (Ginny Ratsoy)	Exploring the Main Cross-Cultural Adaptation Tools Used by International University Students: Motivation for Psychological Adaptation and Intelligibility as a Social Adaptation Tool
Lieren Jean Milton-Wood	Biological Sciences (Jonathan Van Hamme)	Production of a Commercial Yeast Culture Collection by Growth on Brewer's Malt
Connor Milton-Wood	Biological Sciences (Jonathan Van Hamme)	Subcloning of the ISGA 1218 NtaA Gene from <i>Gordonia sp.</i> Strain NB4-1Y for Large Scale Protein Production
Kayla Morrison Chris Wilson LaRae Dolan Daniel Du	Psychology (Jenni Karl)	The Effects of Music on Short-Term Memory
Elise Paine	Biological Sciences (Naowarat Cheeptham)	Exploring the Production of Bioactive Compounds from Iron Curtain Cave Microbes for New Drug Discoveries
Zachary Parsons	Physics (Mark Paetkau)	The Fundamentals of CT Scanning
Janelle Paulson	Biological Sciences (Lauchlan Fraser)	The Effect of Reduced Snow Cover and Summer Drought on Temperate Grasslands in the Southern Interior of British Columbia
Emma Persad	Biological Sciences (Naowarat Cheeptham)	Viral Warriors: Screening Water Samples for Bacteriophages Against Multiple Drug Resistant Bacteria

Alysha Piva	Human Service Diploma (Tanya Pawliuk) English and Modern Languages (Jan Duerden)	The Unexposed Secret: Understanding Factors of Sexual Abuse that Influence Breastfeeding Practices
Carlee Poleschuk	Chemistry (Kingsley Donkor)	Do Green Tea Catechins and Omega-3 Fatty Acids Hug? An Interaction Study Using Capillary Electrophoresis
Bogdana Prymak Jacob Plato	Economics (Peter Tsigaris)	Linking Economic Inequality and Climate Change
Siobhann Richmond- Justice	Biological Sciences (Don Nelson)	Targeted Manipulation of the Gut – Microbiome for Use in Targeted Medicine
Aaren Ritchie-Bonar	Natural Resource Science (Wendy Gardner)	Effects of a British Columbia Wildfire on Soil Water Repellency
Carley Rookes Rachel Windhorst Kim Goodall	Geography (Tom Waldichuk)	Waste Not, Want Not: The Application and Use of Biosolids in British Columbia’s Rural Urban Fringe
Samantha Shandal Tim Killough Laurianne DaCruz	Psychology (Jenni Karl)	The Effects of Eye Closure and Preparedness on Memory Recall Performance
TingYun Shiue	Biological Sciences (Naowarat Cheeptham)	Chemical Control of Crown Gall Disease in Grapevines at Harper’s Trail Winery, Kamloops, BC
Noor Shubear	Psychology (Zdravko Marjanovic)	The Effect of Conscientious Responders Scale on the Random Responding Rate in Psychological Questionnaires
Erin Slade	Biological Sciences (Matt Reudink)	Influence of Relatedness and Nest Site Characteristics on Return Rates in Burrowing Owls

Cara Snell	Biological Sciences (Matt Reudink)	Do Mountain Chickadees (<i>Poecile gambeli</i>) Alter their Vocalizations to Reduce Aggression from Black-capped Chickadees (<i>Poecile atricapillus</i>)?
Chris Solecki	Natural Resource Science (John Church)	UAVS and Precision Ranching; A Side-by-Side Visual Comparison of the Zenmuse X3 and X5 Cameras
Kaitlin Sparrow	Biological Sciences (Matt Reudink)	Do Conditions on the Mexican Moulting Grounds Influence Carotenoid Content and Composition of Bullock's Oriole (<i>Icterus bullockii</i>) Feathers?
Kailee Streichert	Natural Resource Science (Brian Heise)	Assessing Control Methods for Yellow Flag Iris (<i>Iris pseudacorus</i>) and their Impact on Aquatic Invertebrates
Alistair Sutter	Computing Science (Kevin O'Neil)	The Bird Moves: A Project to Automate Bird Observations
Dominic Torheiden	Biological Sciences (Lyn Baldwin)	Truth or Lie? The Sexual Advertising of Sagebrush Buttercups, <i>Ranunculus glabberimus ssp. Ellipticus</i>
Lyndsey Ulrich	Biological Sciences (Naowarat Cheeptham)	Minerals and Microbes: Exploring the Relationship between Microbial Communities and Speleothem Samples Collected from Helmcken Falls Cave, Clearwater, BC
Chengcheng Wang	Computing Science (Andrew Park)	Developing a Three Dimensional Modeling Tool: Chamfer that Cuts Edges Nicely
Maeghan Watkinson	Visual Arts (Alan Brandoli)	The BC Ranching Lifestyle: Challenging Ideals of Ranchers and Cowboys
Nick Welychko Conlan Sprickerhoff	Geography (Tom Waldichuk)	Environmental Impacts of Exurban Development on a Global Perspective

Alexis Wilson	Psychology (Jenni Karl)	The Development of Visually Guided Grasping
Dylan Ziegler	Biological Sciences (Cynthia Ross Friedman)	An Ace in the Hole: Scanning Electron Microscopy Reveals that Stomata May Play a Role in Explosive Seed Discharge of Dwarf Mistletoe

Introduction to Community Service-Learning Posters

Introduction to Community Service-Learning (SERV 1000) has been offered every semester at Thompson Rivers University since Fall 2009. It is a very popular general elective course open to first to fourth year international and domestic students from a variety of program areas across campus. Every semester each student volunteers at one of approximately 40 local non-profit organizations for a full semester. Students are required to complete 24 hours of service connected to their course work. In this poster session, 9 local non-profit organizations will be represented by 24 SERV 1000 students. They will demonstrate: personal reflections on their service experiences, how their experiences connect to the course work and their organizations, and what they will take back to their own communities after the course is over.

Faculty Supervisor: Wendy Krauza

Students representing their not-for-profit organizations:

Yun Chen Chencheng Pan	JUMP
YaoKun Huang Maitham Almohammedsaleh Abdulrahman Alhazmi	JUMP
Jinah Park Tianna Billyboy-Sulin Ju Young Choi SungYoung Hur	BC SPCA
Abdullah Alos haiwan Mazen Mukhayzin	St. John Ambulance

Amina Aljumiah
Vishavjeet Singh
Mohammed Alabdullatif

Overlander Residential Care

SeungEun Kang
Long Zhang
Susumu Koizumi
KyuBum Hwang

The X Radio

Ghufran Alhajji
Fatimah Alrasasi
Sakinah Alrastel

Kamloops Food Bank

Yuki Mori

Kamloops Immigrant Services

Nan Wang

The ReStore – Habitat for Humanity

Kwangyoul Lee

Operation Nicaragua

Walking the Talk: Moving Indigenous Studies from the Classroom to the Community

A presentation by the students of Anthropology 4050: Canadian Status/Treaty Indian Reserve Communities.

In this session students will showcase their final assignments from the course ANTH 4050. Throughout the course we have discussed the complexities of the history of the reserve system in Canada, the nuances of the Treaty process, the rigidity of the Indian Act, the traumas of residential schools, and lived implications of forced relocations on Indigenous communities. We have examined how colonial relations are spatialized and how this spacialization translates into lived social relations. This showcase represents our desire to share what we have learned and why it matters with our TRU community in the hopes of nurturing a space of understanding, compassion, and mutually respectful conversation.

Faculty Supervisor: Dr. Lisa Cooke

Melissa Aird
Jolene Anderson
Kiely Bartella
Sonya Charley
Suzette Cuthbert
Ashlie Daniels
Larae Dolan
Andrew Doolan
Wynona Edwards
Megan Fenkhuber
Lisa Folk
Daniel Freeze
Jeanette Frith
Brittany George
Katie Head
Shannon John
Hannah Kempston
Amanda Lamb
Kristina Langs
Jennifer MacDonald

Shianna McAllister
Barneet Mundi
Charlotte Munroe
Petermax Neumann
Kristy Palmantier
Tiffany Peterson
Jacob Plato
Kristen Rex
Cheryl Robertson
Katrin Schmid
Ainsley Semenoff
Karin Solde
Breanne Stallard
Lena Stengel
Daniel Stultz
Julian Trigona-Harany
Michael Wesley
Natalie West
Charmayne Wilson
Jennifer Wlodarczyk

A Macroeconomic Tour around the World

The Good, the Bad and the Ugly of Economic Fluctuations and Growth

Posters

Each student in this Economics class gathered and analyzed the income per person (as measured by GDP per capita) of a nation of their choice over a long period of time. They examined the pattern of economic fluctuations around trend levels and major economic upswings and downturns from the early 1900s to 2015 for various nations across the world. Each nation, irrespective of development, experiences economic shocks along a long-term growth path. Major shocks were identified and an explanation is provided as to the cause of the shocks and their duration, along with remedies that lead the economic system to return to its long-term growth path. Whether nations are developed, developing, or underdeveloped, they all face “good, bad, and ugly” economic times, and this symposium is meant to explore these periods. Participants will enjoy a macroeconomic tour around the world and learn about: Greece’s recent economic crises; the US 2008 “Great Recession” and its impact around the world; the Asian financial crises; oil shocks and Nigeria’s economy; the Great Depression; the impact of wars on economies; the breakdown of the Soviet Union; and many other major events across the world.

Faculty Supervisor: Peter Tsigaris

Argentina:	Marisa McGillivray
Australia:	Shane Tjomsaas
Bangladesh:	Sabbir Ahmed
Brazil:	Satish Pooja
Canada:	Joint effort from all students
Chile:	Kostiantyn Siryi
China:	Yue Yang
Equatorial Guinea:	Jesse Neufeld
France:	Chloe Joubert
Germany:	Marius Schult
Greece:	Eden Houghton
India:	Brayden Hearne
Iran:	Parta Ansari
Japan:	Kurt Fuoco
Lithuania:	Kelsey Lee
Mexico:	Roman Malmas
Nigeria:	Mariam Babatunde
Pakistan:	Feroz Khan
Russia:	Kolby Klassen
Singapore:	James Bergen

South Africa:	Aswei Dodo
South Korea:	Sara Fertile
Spain:	Lucas Flundre
Sweden:	Brennan Eklund
Taiwan:	Anna Na
Thailand:	Ed Blakeborough
Ukraine:	Brandon Turner
United Kingdom:	Josh Otway
USA:	Barneet Mundi
Zimbabwe:	Tsungai Mhembere

Actors Workshop Theatre: Directors Festival
6:30 – 8:00 pm in the Black Box Theatre

Every year students from THTR 4010, the senior directing class, each stage a one-act play as their final project, and these one-acts are presented as our final show of the season – The Directors Festival. 3 of the 8 one acts will be presented as part of the Undergraduate Conference:

SUBTRACTION by Kevin McFillen

Director	Maddison Hartloff
Melanie	Jocelyn Webber
Walter	Tyrell Waterston

RECENSIO by Eddie De Santis

Director	Celine Majcher
Sammy	Jeff Daniels
Jenny/Patricia	Morgan Benedict

THIS IS A PLAY by Daniel McIvor

Director	Travis Hatt
Female Actor	Hannah Abbot
Older Female Actor	Lina Higgins
Male Actor	Erik Stephany

Saturday, March 19, 2016

Session A1: 10:00 – 11:00 IB 1015

Media Analysis: Review the Tape

Alexis Wilson	Psychology (Jenni Karl)	The Development of Visually Guided Grasping
Braden McKenzie	Anthropology (Lisa Cooke)	The Real Issue: Missing and Murdered Indigenous Women in Canada
Amber Knight	Interdisciplinary Studies (Tracy Penny Light)	Mirror Mirror on the Wall, Who is the Most Oppressed of Them All: Female Beauty Prescriptions and Gender Roles in Disney Princess Films and Wedding Magazines

Session A2: 10:00 – 11:00 IB 1020

Research and Research Applications

Sarah Cooke	Geography (Gilles Viaud)	The Development of Geographic Information Systems and Its Applications in Urban Studies
Arnott Kidner	Mathematics (Roger Yu)	Domination of Hypercubes
Christopher Herbert	Sociology (Monica Sanchez-Flores)	Intellectual Monopolies: Intellectual Property Rights and the Pharmaceutical Industry

Session A3:**10:00 – 11:00 IB 1010****The Bard: Bridging Cultures**

Natassja Barry	English and Modern Languages (Connie Brim)	A Mind Diseased: Examining the Fallibility of the Mind in Shakespeare's <i>Macbeth</i>
Pam Erikson	English and Modern Languages (Connie Brim)	"All Is Uneven": Balance and Opposition in <i>Richard II</i>
Chris Miller	English and Modern Languages (Connie Brim)	To Bardly Go Where the Pretentious Have Gone Before

Session B1:**11:15 - 12:15 IB 1015****Movements and Migrations**

Katherine Hawrys Tanis Lerner	Geography (Tom Waldichuk)	Migration to the Rural-Urban Fringe: An In Depth Look at a Higher Quality of Life as a Driving Factor
Yuri Andrianov	Economics (Ehsan Latif)	The Impact of Macro-Economic Factors such as Unemployment Rate, GDP Growth, and Exchange Rate on Post-Secondary Enrollment in Canada
Jackson Kusack	Biological Sciences (Matt Reudink)	Chasing HOFI: An RFID Approach to Tracking Movement and Behaviour in the House Finch

Session B2:**11:15 - 12:15 IB 1020****Representation and Identity**

Maeghan Watkinson	Visual Arts (Alan Brandoli)	The BC Ranching Lifestyle: Challenging Ideals of Ranchers and
Cheryl Fraser	Geography (Tom Waldichuk)	Sense of Community in the City's Countryside: The Examination of Miner's Bluff Rural Neighbourhood in Monte Creek, BC
Annie Slizak	Philosophy, History and Politics (Bruce Baugh)	A New Way of Seeing: Selfies as Art in Modern Society

**Session B3:
Mutation, Biosolids, and Psychopathy
(Oh My!)**

11:15 - 12:15 IB 1010

Emma Persad	Biological Sciences (Naowarat Cheeptham)	Viral Warriors: Screening Water Samples for Bacteriophages Against Multiple Drug Resistant Bacteria
Carley Rookes Rachel Windhorst Kim Goodall	Geography (Tom Waldichuk)	Waste Not, Want Not: The Application and Use of Biosolids in British Columbia's Rural Urban Fringe
Kaleb Crossley	Business Administration (Amy Tucker)	Corporate Psychopathy and Harassment

**Session B4:
Cradle to Grave: A Lifespan of Research**

11:15 - 12:15 IB 1008

Kelsey Arnouse	English and Modern Languages (Jan Duerden)	Raising an Infant in a Jumpsuit: Canada's Need for a More Contemporary Approach to Prison Nurseries
Alexa Morrison	Interdisciplinary Studies (Reid Webster)	Benefits of Art Therapy with Children Affected by Trauma
Nick Welychko	Geography (Gilles Viaud)	The Suburban Way of Life: What Are the Risks?

Lunch

12:15 - 1:00 IB 3035

Boxed lunches are available in IB 3035. Head outside or to the IB Foyer to take a break, or come and watch our fun noon-hour "Academic Improv" event: Battledecks!

Battledecks!

12:30 - 1:30 IB 1015

Session C1:**2:-00 – 3:00 IB 1015****Green Spaces and Practices**

Katherine Hawrys	Geography (Gilles Viaud)	Urban Quality of Life: Does Greenspace Affect Quality of Life?
Nick Welychko Conlan Sprickerhoff	Geography (Tom Waldichuk)	Environmental Impacts of Exurban Development on a Global Perspective
Jennifer Lam	Natural Resource Science (Lyn Baldwin)	Planting Seeds of Sustainability

Session C2:**2:-00 – 3:00 IB 1020****Making Contributions**

Amira Maddison	Interdisciplinary Studies (Sarah Osberg)	Outdoor Education and Ecologically-Based Non-Profits: The Creation of Environmental Stewards
Alexis Karakatsoulis	Geography (Gilles Viaud)	A Lifetime of Contributions: A Review of the Work of Chauncy D. Harris in the Field of Urban Geography
Laurianne da Cruz Eunice Aniogbe	Philosophy, History and Politics (Robert Hanlon) Sociology (Monica Sanchez-Flores)	The Fate of Charity Organizations in Cambodia

Session C3:**2:-00 – 3:00 IB 1010****Research Over Time**

Matt Miller	Geology (Nancy Van Wagoner)	Chemical Analysis and SEM Imaging of the McAbee Fossil Beds
Kim Goodall	Geography (Gilles Viaud)	A Study of Income Inequality in the City Over Time: A Canadian Perspective
Jennifer MacDonald	Psychology (Marjanovic)	Factors Influencing Random (Zdravko Responding: Questionnaire Length and Psychological Reactance

Refreshment Break**3:00 – 3:30 IB Foyer**

Session D1:**3:30 - 4:30 IB 1015**

A Taste of Research: Wines, Teas, and Fruits

Cheryl Fraser Lauren DiMambro Ethan Lavoie	Geography (Tom Waldichuk)	The Commodification of Agriculture: An Examination of Wine Tourism in the Rural Urban Fringe
Carlee Poleschuk	Chemistry (Kingsley Donkor)	Do Green Tea Catechins and Omega-3 Fatty Acids Hug? An Interaction Study Using Capillary Electrophoresis
Dylan Ziegler	Biological Sciences (Cynthia Ross Friedman)	An Ace in the Hole: Scanning Electron Microscopy Reveals that Stomata May Play a Role in Explosive Seed Discharge of Dwarf Mistletoe

Session D2: The Impact of Education

3:30 - 4:30 IB 1020

Erin-Adel Hrycan	Education (Ginny Ratsoy)	Soulful Knowledge: Using Indigenous Perspective to Construct New Pedagogies for Whole Learning
Gudrun Andrews	Interdisciplinary Studies (Lisa Cooke)	Unfolding the Truth: Can We Learn About Canadian Indigenous Studies In Today's Educational System?
William Primrose	English and Modern Languages (Ginny Ratsoy)	What Goes Up Need Not Come Down the Same: Exploring the Positive Impacts of Study Abroad on 21st Century Students

Session D3:

3:30 - 4:30 IB 1010

Sociability, Culture, and Games

Michael Riddle	English and Modern Languages (Mervyn Nicholson)	The Importance of Human Sociability: Applying Samuel Johnson's "Rasselas" to the Problems of Modern Day Human Interaction
Tsz Yin Fung	English and Modern Languages (Jan Duerden)	Introduction of Taijin Kyofusho and the Underlying Japanese Cultural Specific Social Contributors
Paolino Caputo	Visual Arts (Alan Brandoli)	Reimagining Gender: Negotiating Codified Gender in Games

Wine & Cheese

4:30 – 6:00 Panorama Room
