

Event Schedule & Presentation List

Excellence in Graduate Research Symposium

Wednesday, October 23, 2024

8:30 am

Participant Registration Opens (Session 1)

Lobby, Halpern Centre

- EGRS Participants check in in the GSS Lobby
- Poster set-up time for Session 1
- A/V Check: Session 1 presenters may test audio and projection equipment in Side Project

8:45 am

Coffee & Tea

Grad House

- Free coffee & tea will be available while quantities last

9:00 am

Territorial Acknowledgement & Opening Remarks

Grad House

- Kyla Turner - Graduate Students' Society
- Dr. Robin Hicks - Faculty of Graduate Studies
- Jonathan Bengtson - UVic Libraries
- Alexandra D'Arcy - Office of the Vice-President Research and Innovation

9:30 am - 11:40 am

Session 1

Grad House, Side Project, Room 108

- Poster Session 1 - Grad House
- Presentation Session 1 - Side Project
- Virtual Session - Room 108

11:40 am - 1:30 pm

Lunch Break & Poster Take-down / Set-up for Session 2

GSS Lobby / Grad House

- EGRS Participants check in in the GSS Lobby
- Poster take-down & set-up time for Session 2
- A/V Check: Session 2 presenters may test audio and projection equipment in Side Project

1:00 pm

Coffee & Tea

Grad House

- Free coffee & tea will be available while quantities last

1:30 pm - 3:40 pm

Session 2

Grad House, Side Project

- Poster Session 2 - Grad House
- Presentation Session 2 - Side Project

2:00 pm

Extended Happy Hour Begins

Grad House

- Happy Hour from 2pm - 6pm

4:00 pm

Research Wrap-Up

- Session 2 poster take-down time
- All judges' scoring submitted

4:00 pm - 5:00 pm

'Getting the Most out of your Supervisory Relationship' Panel

Side Project

- Hosted by the Faculty of Graduate Studies
- Panellists will include faculty, graduate students, and the VPRI Post-Doc Administrator

5:00 pm

Closing Remarks & Awards

Grad House

- Kyla Turner - Graduate Students' Society
- Dr. Robin Hicks - Faculty of Graduate Studies

*The 2024 Excellence in Graduate Research Symposium is hosted by
the UVic Graduate Students' Society*

in partnership with

*the Faculty of Graduate Studies,
UVic Libraries,*

and the Office of the Vice-President Research & Innovation

The GSS respectfully acknowledges and thanks the many generations of stewards of the unceded land on which we are situated that gives us life, and the air we breathe, from the Lək'wəḡən (Songhees and Esquimalt) Peoples on whose territory the university stands, and the Lək'wəḡən and W̱SÁNEĆ peoples whose historical relationships with the land continue to this day. We commit ourselves to truth, reconciliation, and decolonization.

Presentors List

Poster Session 1

*Poster Session Presenters are ordered alphabetically by last name.
Their poster can be found at the accordingly numbered board in the Grad House.
Please consult the Abstract Booklet for further reading on each presentation.*

- 1 THE HOST PROTEOME DURING INFLUENZA A VIRUS/STAPHYLOCOCCUS AUREUS CO-INFECTION
Veerle Appels *Biochemistry & Microbiology*
- 2 WHAT CAN LITTLE GALAXIES TEACH US ABOUT DARK MATTER?
Daniel Boyea *Physics & Astronomy*
- 3 MEXICO/CANADA, A SHARED AGENDA ON PLANETARY HEALTH AND CLIMATE ACTION
Matilde Cervantes Navarete *INTD, Centre for Global Studies Graduate Fellow*
- 4 STORYING EXPERIENCES OF USING MENTAL HEALTH SERVICES AT UVIC THROUGH APPLIED THEATRE RESEARCH
Emily Clegg *Theatre*
- 5 C-SNIFF: CULTURED RANA [LITHOBATES] CATESBEIANA TADPOLE OLFACTORY EPITHELIUM IS A SENSITIVE SYSTEM FOR DETECTING THYROID HORMONE INDUCTION AND DISRUPTION
Emma Field *Biochemistry & Microbiology*
- 6 THE UTILITY OF ALKENYL CARBOXYLATES IN PD-CATALYZED REACTION
Gregory Gaube *Chemistry*
- 7 MICROBIAL PIONEERS: UNRAVELLING THE MYSTERIES OF AKKERMANSIA COLONIZATION IN THE GUT
Kayla Hargrove *Biochemistry & Microbiology*
- 8 COMMUNICATING MODELS OF COMMUNITY GOVERNANCE FOR EMERGING RENEWABLE ENERGY TECHNOLOGIES
Nicolas Jekill *Geography*
- 9 FUNCTIONAL π -CONJUGATED NANOMATERIALS VIA LIVING CRYSTALLIZATION-DRIVEN SELF-ASSEMBLY
Harvey MacKenzie *Chemistry*

- 10 BROADCAST INDEPENDENCE AND BROADCAST PACKING OF SPLIT GRAPHS
Kiara McDonald *Mathematics*
- 11 A GEOMORPHIC INVESTIGATION OF ACTIVE FAULTING ON FLORES ISLAND, BC
Taryn Neligan *Geography*
- 12 INVESTIGATING THE PROTECTIVE EFFECTS OF A NEW ANTIBIOTIC ALTERNATIVE AGAINST A PRIORITY PATHOGEN IN THE POULTRY INDUSTRY
Teagan Parkin *Biochemistry & Microbiology*
- 13 NEWCOMER CHILDREN'S VOICES & STORIES ON IDENTITY IN CANADA
Tatiane Rigonati Silva *Curriculum & Instruction*
- 14 THE LANGUAGE PRACTICES AND LINGUISTIC REPRESENTATIONS OF FRENCH-SPEAKING IMMIGRANTS IN GREATER VANCOUVER
Jacqueline Rutherford *School of Languages, Linguistics & Cultures*
- 15 EXPLORING THE CHALLENGES OF MENTORSHIP PROGRAMES TO WOMEN LEADERS IN HIGHER LEARNING INSTITUTIONS IN TANZANIA (EAST AFRICA)
Tabitha Rutonda *Education Psychology & Leadership Studies*
- 16 EXPLORING LIABILITY, RIGHTS, AND REMEDIES FOR SEXUAL MISCONDUCT IN ELITE-LEVEL SPORTS: AN INTERDISCIPLINARY ANALYSIS
Lauren Sapic *Law (LLM)*
- 17 UNVEILING THE MICROBIAL ECOLOGY OF BIOSAND FILTERS
Samira Sarkardei *Civil Engineering*
- 18 RECOGNITION AND RESTORATION: EXPLORING ONGOING COMMEMORATION AT ONTARIO'S PSYCHIATRIC HOSPITAL CEMETERIES
Ethan Small *History*
- 19 FISHING IN TURBULENT WATERS: RESILIENCE, RISK, AND TRUST IN BRITISH COLUMBIA'S DECLINING COMMERCIAL SALMON FISHERY
Elias del Valle *Environmental Studies*

Presentation Session 1

Held in Side Project

20 minute presentation slots include a 5 minute question period.

Please allow for adjustments to the times listed here.

For Virtual Presentations, please see the next section.

Please consult the Abstract Booklet for further reading on each presentation.

- 9:30 - 9:50 BIODEGRADABLE TWO-DIMENSIONAL PLATELETS WITH TUNABLE SIZES FROM POLYCARBONATE-BASED BLOCK COPOLYMERS
Hannah Schnicke *Chemistry*
- 9:50 - 9:55 HOW DOES MODIFIABLE AND NON-MODIFIABLE ESTROGEN INFLUENCE GREY MATTER VOLUME?
Heather Kwan *Psychology*
- 9:55 - 10:15 TRUTH IN ADJUDICATION: TRUTH AS REMEDIAL, NORMATIVE AND OVERRIDING
Jason Gratl *Faculty of Law*
- 10:15 - 10:20 SYNTHESIZING PROTEINS OUTSIDE OF THE CELL: A MORE RAPID AND COST EFFECTIVE MEANS OF PRODUCING ANTIMICROBIAL PEPTIDES
Anna Dema *Biochemistry & Microbiology*
- 10:20 - 10:40 MAPPING THE TUMOUR MICROENVIRONMENT WITH MALDI MASS SPECTROMETRY IMAGING
Madison Shiyuk *Biochemistry & Microbiology*
- 10:40 - 11:00 UNDERSTANDING LINKAGES BETWEEN ATMOSPHERIC EVENTS AND SEA ICE VARIABILITY IN BAFFIN BAY DURING RECENT HIGH AND LOW ICE YEARS
Adrià Blanco Cabanillas *Geography*
- 11:00 - 11:05 A COMMUNITY OF JOY AND PRIDE IN QUEER BODIES
Elisa Do *Psychology*
- 11:05 - 11:10 CONFLICT RESOLUTION IN EXPECTANT COUPLES: BEHAVIORAL PATTERNS AND THEIR LONG-TERM EFFECTS ON RELATIONSHIPS
Sean Morgan *Psychology*

- 11:10 - 11:15 USING SIMULATIONS TO UNDERSTAND NANOMATERIALS
Jesse Delmage *Chemistry*
- 11:15 - 11:20 FROM EMOTION TO ACTION: LINKING EMOTIONAL KNOWLEDGE,
EMOTION REGULATION, AND DISORDERED EATING
Alice Shen *Psychology*
- 11:20 - 11:25 SPACE, PLACE AND IDENTITY IN ETHNIC “MINORITY” COMMUNITIES
IN RUSSIA
Semyon Drozdetskii *Anthropology*

Virtual Session

Join the session in-person in Room 108

20 minute presentation slots include a 5 minute question period

The Zoom link to join will be available at gss.uvic.ca/gsaw-egrs/

Please consult the Abstract Booklet for further reading on each presentation

- 9:30 - 9:50 **MEASURING SOIL HEALTH USING TEA BAG LITTER DECOMPOSITION**
E. Brooke Hayes *Environmental Studies*
- 9:50 - 10:10 **PANDEMIC OF INEQUALITY: HOW DID COVID-19 IMPACT LONELINESS AND DISCRIMINATION FOR 2S/GBTQ+ PERSONS LIVING WITH DISABILITIES?**
Anthony Theodore Amato *Social Dimensions of Health*
- 10:10 - 10:30 **BARRIERS FOR NEWCOMERS TO HEALTH SERVICES ACCESS AND UTILIZATION IN CANADA**
Noura Abusamaan *Public Administration*
- 10:30 - 10:35 **TEACHERS' PERSPECTIVES OF SCHOOL BELONGING AS EDUCATORS AND STUDENTS: A NARRATIVE INQUIRY**
Tara Poole *Educational Psychology*
- 10:35 - 10:55 **DETERMINATION OF LEPTOSPIRA ENDOTOXIN DIVERSITY IN HOST-LIKE ENVIRONMENT**
Sophie Culos *Biochemistry & Microbiology*
- 10:55-11:15 **INTERGENERATIONAL STORIES OF RESISTANCE, SYSTEMIC RACISM, AND THE CHINESE STUDENTS' STRIKE**
Mikaela Chia *Educational Psychology & Leadership Studies*

Poster Session 2

*Poster Session Presenters are ordered alphabetically by last name
Their poster can be found at the accordingly numbered board in the Grad House
Please consult the Abstract Booklet for further reading on each presentation*

- 1 FROM DIVISION TO CONFLUENCE: BUILDING KNOWLEDGE IN CONVERSATION WITH ONE-ANOTHER TO REIMAGINE HUMAN-NATURE RELATIONS
Serap Asar Brown & Aleks Waliszewska *Curriculum & Instruction: Leadership Studies*
- 2 EVALUATING THE IMPACT OF PUBLICLY FUNDED RESIDENTIAL TREATMENT FOR SUBSTANCE USE ON VANCOUVER ISLAND: THE ROLE OF TRAUMA AND ACQUIRED BRAIN INJURY
Nazanin Babaei *Psychology*
- 3 THE POLITICS OF SUSTAINABLE SUPPLY CHAINS: CANADIAN POLICY AND LEGISLATION
Emma Bowick *Geography*
- 4 HOW IDENTITY EFFECTS STUDENT SATISFACTION AT THE UNIVERSITY OF VICTORIA: AN ANALYSIS OF DATA ACROSS TIME
Hannah Brown *Sociology*
- 5 SUMOYLATION OF RECQ: WRESTLING FOR SPACE AT DNA DOUBLE-STRANDED BREAKS
Elizabeth Burke *Biochemistry & Microbiology*
- 6 REACTIVITY REVEALED: HARNESSING MASS SPECTROMETRY TO EXPLORE THE REACTIVITY OF NEXT-GEN PALLADIUM PRECATALYST.
Ian C. Chagunda *Chemistry*
- 7 ADDUCT FORMATION IN MO(0) PHOSPHENIUM COMPLEXES UNLOCKS METAL-CENTERED HYDROPHOSPHINATION
Nick Dyck *Chemistry*
- 8 SPATIALLY FRACTIONATED RADIOTHERAPY WITH VERY HIGH ENERGY ELECTRONS
Jade Fischer *Physics & Astronomy*

- 9 POWERING THE FUTURE: YOUTH INCLUSION FOR AN EQUITABLE ENERGY TRANSITION
Bonnie Gao *Geography*
- 10 CUMULATIVE RISK AND PROTECTION IN COGNITIVE AGING: AN APPLICATION OF STAC-R
Zoë Gilson *Clinical Neuropsychology*
- 11 UNDERSTANDING WOOD DECAY DISEASES IN WESTERN REDCEDAR THROUGH ITS-SEQUENCING AND DEVELOPMENT OF QPCR ASSAYS
Sydney Houston *Biology/Forest Biology*
- 12 A MUGHAL SENSORIUM: THE ART OF FEASTING
Bella Jacobs *Art History & Visual Studies*
- 13 3 BARRIERS : EQUAL OPPORTUNITY IN EDUCATION AT HIGH SCHOOLS
Sema Kaya *Educational Psychology & Leadership Studies*
- 14 DEI THAT MAKES A DIFFERENCE: FROM POLICY TO PRACTICE
Kristi Koons *Educational Psychology & Leadership Studies*
- 15 THE MARGINALISED VOICE: CAMPUS EXPERIENCE OF POST-SECONDARY MIDDLE-YEAR STUDENTS WITH DISABILITIES
Vivian Lo *Educational Psychology & Leadership Studies*
- 16 EXPLORING THE INTERSECTION OF WEIGHT AND DISABILITY STIGMA IN CANADA: AN INTERSECTIONALITY-INFORMED APPROACH
Tara McSweeney *Counselling Psychology*
- 17 IN SEARCH OF EQUITABLE DECARBONIZATION: ENGAGING REGIONAL CITIZENS AND COMMUNITIES TO PROVIDE RENEWABLE ENERGY TO CITIES
Adam Regier *Geography*
- 18 FIVE FACTOR FRAILTY MEASURE
Stacey Voll *Psychology*
- 19 LAND AND ENERGY: EXPLORING THE SPATIALITY OF CLUSTERING RENEWABLE ENERGY FOR A LOW-CARBON FUTURE
Maya Willard-Stepan *Geography*

Presentation Session 2

Held in Side Project

20 minute presentation slots include a 5 minute question period

Please allow for adjustments to the times listed here

Please consult the Abstract Booklet for further reading on each presentation

- 1:30 - 1:50 DEVELOPMENT OF SEXUAL AGENCY IN LESBIAN, BISEXUAL AND QUEER WOMEN AND INDIVIDUALS: IMPLICATIONS FOR SEXUAL HEALTH AND EDUCATION PRACTICES IN TÜRKIYE
Yasmeen Barakat *Education Psychology & Leadership Studies*
- 1:50 - 2:10 UNRAVELING DOLLY VARDEN SURVIVAL PATTERNS: A BAYESIAN MULTI-STATE APPROACH WITH COVARIATE CONSIDERATIONS
Arjun Banik *Mathematics & Statistics*
- 2:10 - 2:30 ROLL FOR PERCEPTION: GAMES AS A SITE OF DECOLONIZATION
Camryn Riccitelli *Geography*
- 2:30 - 2:35 FIVE MINUTES ON RACHEL FANE'S MAY MASQUE (1627)
Mahayla Galliford *English*
- 2:35 - 2:40 METABOLITE QUANTITATION IN SMALL SAMPLES USING NANO-FLOW LIQUID CHROMATOGRAPHY
Kate McMurray *Biochemistry & Microbiology*
- 2:40- 3:00 MAPPING MIGRATION: A QUALITATIVE ANALYSIS ON THE FEDERAL IMMIGRATION PROCESS AND EXPERIENCES OF SIKH WOMEN IN CANADA
Jasmine Padam *Sociology*
- 3:00 - 3:20 THE ROLE OF TOPOLOGICAL DEFECTS IN THE MECHANICS OF ADDITIVELY MANUFACTURED 2D ARCHITECTED HONEYCOMB METAMATERIALS
Chiara Choi *Mechanical Engineering*
- 3:20 - 3:25 CREATING QUEER LIVABLE SPACES: QUEER MUSLIMS CHALLENGING THE VISIBILITY PARADIGM IN QUEER MIGRATION PROCESSES
Asma Noureen *Educational Psychology & Leadership Studies*
- 3:25 - 3:30 HERMIT CRAB PARASITES ARE H-O-T-T-O-G-O
Madeleine Abbott *Biology*