

Event Schedule & Presentation List

Excellence in Graduate Research Symposium

Wednesday, November 5, 2025

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 projection equipment in Room 108

8:45 am

Coffee & Tea

Side Project

- Free coffee & tea will be available while quantities last

9:00 am - 9:30am

Territorial Acknowledgement & Opening Remarks

Grad House

- Jonathan Bengtson, University Librarian
- Dr Cedric Littlewood, Associate Dean
- Kyla Turner, GSS

9:30 am - 12:10 pm

Session 1

Grad House, Room 108, Zoom

- Poster Session 1 - Grad House
- Presentation Session 1 - Room 108
- Virtual Session - Zoom

12:10 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 projection equipment in room 108

1:30 pm - 4:10 pm

Session 2

Grad House, Room 108

- Poster Session 2 - Grad House
- Presentation Session 2 - Room 108

2:00 pm

Extended Happy Hour Begins

Grad House

- Happy Hour from 2pm - 7pm

4:10 pm

Research Wrap-Up; Post-EGRS Social Begins

- Session 2 poster take-down time
- All judges' scoring submitted
- Enjoy a drink & happy hour pricing at the Grad House!

4:45 pm

Closing Remarks & Awards

Grad House

- Krista Godfrey, Head of Advanced Research Services
- Dr Cedric Littlewood, Associate Dean
- Kyla Turner, GSS

*The 2025 Excellence in Graduate Research Symposium is hosted by
the UVic Graduate Students' Society*

in partnership with

*the Faculty of Graduate Studies
& UVic Libraries*

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 TRACING A “ZOMBIE DRUG POLICY”: INTRODUCING THE GENEALOGY OF INVOLUNTARY TREATMENT FOR PEOPLE WHO USE DRUGS IN BRITISH COLOUMBIA
Aaron Bailey *Public Health & Social Policy*
- 2 THE ROLES OF DOMINANT PLANT TRAITS, DIVERSITY, AND CLIMATE IN GRASSLAND RESISTANCE TO EXTREME DROUGHT EVENTS
Diana Bertuol Garcia *Environmental Studies*
- 3 TOWARD PLURIVERSAL FUTURES: INDIGENOUS METHODOLOGIES AND BIOCULTURAL DIVERSITY IN PLANETARY HEALTH RESEARCH
Matilde Cervantes Navarrete *Individual Interdisciplinary Program*
- 4 THE KIDS ARE NOT ALRIGHT: EXPLORING DEPRESSION STIGMA IN POST-SECONDARY EDUCATION
Marissa Donaldson *Educational Psychology & Leadership Studies*
- 5 PLACE, POLICY & CULTURE IN A BLUE-GREEN URBAN WETLAND: GORGE WATERWAY PILOT FIELD STUDY SAMPLING
Donovan Faraoni *Public Administration*
- 6 ASSESSING THE DISTRIBUTION OF BEARDED SEALS IN THE WESTERN CANADIAN ARCTIC WITH PASSIVE ACOUSTIC MONITORING DATA
Cierra Hart *Earth & Ocean Sciences*
- 7 DECOLONIZING THE PAST: TRANSCULTURATION NOT ROMANIZATION
Aidan Hassell *Greek & Roman Studies*
- 8 THE OUTER REGIONS OF THE GALAXY CLUSTER XLSSC 122
Bryn Lonsbrough *Physics & Astronomy*
- 9 TUMOUR-INFILTRATING B CELLS AND CIRCULATING ANTIBODIES: DUAL STRATEGIES FOR TARGETING OVARIAN CANCER AND ITS BLOOD SUPPLY
Victor Negrea Puskas *Biochemistry & Microbiology*

- 10 CAN EYE TRUST YOU? INVESTIGATING THE IMPACT OF TRUSTWORTHINESS ON ATTENTION
Angelo Quito
- 11 BEA-TING THE ODDS: CREATING A MOUSE MODEL OF OVARIAN CANCER TO DEVELOP B-CELL ENHANCING AND ATTRACTING T CELLS, A NOVEL CANCER THERAPY FOR DIFFICULT-TO-TREAT TUMOURS
Christian Romanowski *Biochemistry & Microbiology*
- 12 'UNSPEAKABLE RITES' OF PASSAGE: CROSS-MAPPING MYTH, MYSTICISM, AND ETHNOBOTANICAL MYSTERIES IN CONRAD'S HEART OF DARKNESS
Trevor Ruck *English*
- 13 STORY MEDICINES & MATRIARCHAL WISDOM: DEVELOPING AN INDIGENIST METHODOLOGY FOR REPRODUCTIVE HEALTH RESEARCH
Ashley Simpson *Social Dimensions of Health*
- 14 MULTISPECTRAL SATELLITE DATA AND MACHINE LEARNING FOR COASTLINE EXTRACTION: APPLYING A GLOBAL DATASET TO CANADA'S PACIFIC COAST
Piper Steffen *Geography*
- 15 UNDERSTANDING THE BENEFITS OF PHYSICAL LITERACY IN COMMUNITY-BASED PHYSICAL ACTIVITY PROGRAMMING: A PILOT STUDY
Justin Tremblett *Exercise Science, Physical & Health Education*
- 16 BEYOND THE CLASSROOM: HOW STUDENT-LED GROUPS AND FRIENDSHIP NETWORKS SHAPE STUDENT WELL-BEING
Yen Yen Sammi Wong *Psychology*
- 17 DEVELOPMENT OF AN ARCHITECTED MATERIAL-BASED INTRAMEDULLARY NAIL FOR PROXIMAL HUMERAL FRACTURES
Adam Wright *Mechanical Engineering*
- 18 THE NITRIC OXIDE REDUCTION REACTION USING PORPHYRIN-BASED TRANSITION METAL ELECTROCATALYSTS.
Kyla Younger *Chemistry*
- 19 AMPING IT UP: OPTIMIZING PRODUCTION OF ANTIMICROBIAL PEPTIDES IN PICHIA PASTORIS
Nathaniel Zamora *Biochemistry & Microbiology*

Presentation Session 1

Held in Room 108

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.

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| 9:30 - 9:50 | DEFINING THE REGULATION OF PIKFYVE'S CATALYTIC CORE ON MEMBRANE
Isobel Barlow-Busch <i>Biochemistry & Microbiology</i> |
| 9:50 - 10:10 | LINKING SOIL BIODIVERSITY AND FARMER MENTAL HEALTH IN A COMPLEX AGRICULTURAL CONTEXT
E. Brooke Hayes <i>Environmental Studies</i> |
| 10:10 - 10:15 | WHAT'S EATING WESTERN REDCEDAR ROOTS?
Sydney Houston <i>Biology</i> |
| 10:15 - 10:35 | NON-TARGETED APPROACHES FOR THE DETECTION OF NEWLY EMERGING ADULTERANTS IN THE ILLICIT DRUG SUPPLY USING PAPER-SPRAY MASS SPECTROMETRY
Allie Miskulin <i>Chemistry</i> |
| 10:35 - 10:55 | COMMUNITY GUIDELINES FOR STRONG DATA STEWARDSHIP: ASSESSING THREE KEY DATABASES HOUSING PLANKTIC FORAMINIFERA DATA AND THEIR DIFFERENCES
Andrew McCoy <i>Earth & Ocean Sciences</i> |
| 10:55 - 11:00 | EXAMINING THE PATRIARCHAL MATRIX: MORAL INJURY IN EMERGING ADULTS
Makayla Madill <i>Theatre</i> |
| 11:00 - 11:20 | CRITICAL POLICY ANALYSIS FOR SOCIAL CHANGE
Kristi Koons <i>Educational Psychology & Leadership Studies</i> |
| 11:20 - 11:40 | EDITING AND ENCODING LADY RACHEL FANE'S MAY MASQUE (1627)
Mahayla Galliford <i>English</i> |
| 11:40 - 11:45 | A MULTI-DISCIPLINARY APPROACH TO COGNITIVE AGING THEORIES
Heather Kwan <i>Clinical Psychology</i> |

11:45 - 12:05 INDIGENOUS BODIES, COLONIAL GAMES: CONTESTED MEANINGS AT
THE INAUGURAL 1931 INDIAN SCHOOLS OLYMPIAD
Carlanna Thompson *History*

Virtual Session

Join the session online

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

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| 9:30 - 9:50 | A NARRATIVE INQUIRY INTO THE EXPERIENCES OF IMMIGRANTS FROM SUB-SAHARAN AFRICA LIVING WITH HIV AND THEIR FAMILIES IN ALBERTA, CANADA
Abdulrasheed INUSA
Abdulmalik | <i>Social Dimensions of Health</i> |
| 9:50 - 9:55 | THE ROLE OF EYE MOVEMENTS IN SCENE AND OBJECT MEMORY
Emiko Osborne | <i>Psychology</i> |
| 9:55 - 10:15 | UNIFORM, LENGTH-TUNABLE DIBLOCK COPOLYMER NANOFIBERS FOR ACTIVE TARGETING OF TRIPLE-NEGATIVE BREAST CANCER
Hannah Schnicke | <i>Chemistry</i> |
| 10:15 - 10:20 | DEBILITATED AGING, REANIMATED FUTURES: PRESERVING LIFE PURPOSE IN OLD AGE
Lindsay Jackson | <i>Philosophy</i> |
| 10:20 - 10:40 | LIFE WORTH LOOKING AT: FORMAL INNOVATION IN QUEER LIFE WRITING
McKenna King | <i>English</i> |
| 10:40 - 10:45 | RETURNING HOME: LEGAL PATHWAYS AND ETHICAL DUTIES IN REPATRIATION
Lauren Sapic | <i>Law</i> |
| 10:45 - 11:05 | EVALUATING TREATMENT OPTIONS WITH VERY HIGH ENERGY ELECTRONS FOR RADIOTHERAPY
Jade Fischer | <i>Physics & Astronomy</i> |
| 11:05 - 11:10 | PROMOTING SCHOOL BELONGING: A MULTIPLE CASE STUDY INVESTIGATION IN EARLY ELEMENTARY CLASSROOMS
Tara Poole | <i>Educational Psychology & Leadership Studies</i> |
| 11:10 - 11:15 | DIVERSITY INCLUSION WITHIN SOCIAL EMOTIONAL LEARNING
Christina Shock | <i>Educational Psychology & Leadership Studies</i> |

- 11:15 - 11:35 IMPACT OF AGN CONTAMINATION ON THE MASS–METALLICITY
RELATION OF GALAXIES
Aayushmathi Ashok *Physics & Astronomy*
- 11:35 - 11:40 FROM BURDEN TO BUFFER: INFLUENCES OF POLYPHARMACY AND
SOCIAL CONNECTION ON COGNITIVE AGING
Francesca Berthiaume *Psychology*

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 THE ROLE OF COMMERCIAL FISHERIES IN FACILITATING CULTURAL CONTINUITY OF FIRST NATIONS
Lauren Burton *Environmental Studies*
- 2 BRACING FOR RAIN: A CROSS-MUNICIPAL ANALYSIS OF STORMWATER POLICY IN THE CAPITAL REGION
Lily Charette *Geography*
- 3 NO ONE-SIZE-FITS-ALL: RUSSIAN LANGUAGE INSTRUCTORS' PERCEPTIONS OF MIXED CLASSES IN CANADA
Tegan Clarke *Languages, Linguistics & Cultures*
- 4 HEALTH OUTCOMES AND RISK FOR MORTALITY IN OLDER ADULTS WITH LIFELONG ADHD SYMPTOMS
Tara Cooper *Psychology*
- 5 INVESTIGATING VERBAL PLURALITY IN (TSOVA-)TUSH
Caleb Gordon *Languages, Linguistics & Cultures*
- 6 POSTPARTUM PHYSICAL ACTIVITY ACTION CONTROL – IS IT IMPACTED BY THE PRESENCE OF PREGNANCY-RELATED LUMBOPELVIC PAIN?
Heather Hollman *Health*
- 7 INVESTIGATING THE EFFECT OF SCAFFOLD ARCHITECTURE ON HMSC VIABILITY
Atharva Joshi *Mechanical Engineering*
- 8 NO MORE MR. FUNGI: YEAST RNA PROCESSING ENZYMES AS NOVEL ANTI-FUNGAL DRUG TARGETS
Jonah Ma *Biochemistry and Microbiology*
- 9 DISHING OUT IDENTITY: NATIONALITY AND PERFORMANCE WITH LOUIS XV'S BLEU CÉLESTE DINNER SERVICE
Melody Ray *Art History and Visual Studies*

- 10 ETHNOGRAPHY OF THE HEARTH: MY JOURNEY FROM THE FIELDWORK TO THE GRAPHIC NOVEL
Fabiola Sanchez Balderas *Anthropology*
- 11 THE PROTECTIVE EFFECT OF BELIEVING POSITIVE EMOTIONS ARE GOOD IN OLDER ADULTHOOD
Ava Grace Smith *Psychology*
- 12 LYSERGIC ACID DIETHYLAMIDE MODULATION OF MYELIN IN A STRESS-INDUCED MOUSE MODEL
Cameo Volk *Medical Sciences*
- 13 NUMERICALLY ESTIMATING THE SUPERHEATING FIELD OF SUPERCONDUCTORS WITH SPATIALLY VARYING IMPURITY DISTRIBUTIONS
Lucas Wallace *Physics*
- 14 ACCESS TO HOUSING AND HEALTHCARE SERVICES AMONG PEOPLE EXPERIENCING HOMELESSNESS WITH BRAIN INJURY, MENTAL HEALTH, AND SUBSTANCE USE DISORDERS: A COMMUNITY-ENGAGED STUDY OF BARRIERS AND FACILITATORS
Grace Warren *Psychology*
- 15 WHEN “GREEN” MEETS GREEN: EXPLORING THE INTERACTIONS BETWEEN RENEWABLE ENERGY DEVELOPMENT AND ECOSYSTEM SERVICES GLOBALLY
Maya Willard-Stepan *Geography*
- 16 SEEING POSSIBLE FUTURES: COMMUNITY-ENGAGED LAND-USE PLANNING THROUGH VISUALIZATION
Elvia Willyono *School of Public Administration*

Presentation Session 2

Held in Room 108

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

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| 1:30 - 1:50 | NARRATING THE LIVED EXPERIENCES OF FIRST-GEN STUDENTS & FACULTY
Jasmine Padam
<i>Sociology</i> |
| 1:50 - 2:10 | REVISITING THE VILLAGE INSTITUTES: INSIGHTS FOR COMMUNITY-BASED TEACHING MODELS IN CONTEMPORARY EDUCATION
Sema Kaya
<i>Educational Psychology & Leadership Studies</i> |
| 2:10 - 2:15 | HONOURING IDENTITY TRANSFORMATION: REFUGEE AND IMMIGRANT EXPERIENCES EXPRESSED THROUGH APPLIED THEATRE
Mariah Madill
<i>Theatre</i> |
| 2:15 - 2:35 | EXPLORING TEACHER WELLNESS USING POETIC REPRESENTATION
Linnea Leist
<i>Exercise Science, Physical & Health Education</i> |
| 2:35 - 2:55 | ANALYSIS OF LIFE CYCLE AND MATERIAL FLOW OF SINGLE-USE ITEMS IN VICTORIA CITY
Shukooh Goodarzi
<i>Civil Engineering</i> |
| 2:55 - 3:00 | HOW MINORITY STRESS SHAPES VIOLENCE IN SEXUAL MINORITY MEN
Sean Morgan
<i>Psychology</i> |
| 3:00 - 3:20 | MEASURING LOW-EARTH-ORBIT SATELLITE NETWORKS
Jinwei Zhao
<i>Computer Science</i> |
| 3:20 - 3:25 | DISPOSABLE BODIES, RESTRICTED MINDS: BIOPOLITICAL GOVERNANCE OF CARE WORKERS AND HIGHLY SKILLED MIGRANTS IN JAPAN.
Tatiana Popova
<i>Pacific and Asian Studies</i> |
| 3:25 - 3:45 | “HER MOUTH WILL OPE TO EVERY STRANGER’S EAR”: THE DANGEROUS FEMALE VOICE IN ELIZABETH CARY’S THE TRAGEDY OF MARIAM
Kiera Clark
<i>English</i> |

- 3:45 - 3:50 SEEING IS REMEMBERING: HOW PRECISE GAZE REINSTATEMENT
AFFECT MEMORY RETRIEVAL
Yanxin Xu *Psychology*
- 3:50 - 4:10 HOW TO PICK THE BEST FORECASTER WHEN EVERYONE IS
COMPETING FOR REPUTATION
Ali Mortazavi *Computer Science*