

2023

AUGUSTANA SHOWCASE

ACT I (12:30- 4:00 PM)

OPENER - Cargill Theatre, Lougheed Performing Arts Centre (12:30-12:55)

Welcome to Act I (Anne McIntosh, Jewel Naicker, Jessica Andreas)

Research 5MTS: Kate Corrigan - BSc graduate, Rhythm Singh - BSc graduate, Emmarie Brown - BA graduate

Student research posters displayed in Forum and lobby of the Jeanne & Peter Lougheed Performing Arts Centre. (12:30 - onwards)

Break Prior to Concurrent Sessions (12:55-1:05)

FOR L1-055 (wahkohtowin Classroom)	FOR 2-102 (Library)	FOR 2-103 (Library)	2-004 (Epp Room) Outstanding Undergraduate Research (OUR) Nominees	1-315 (F&L Classroom)	Cargill Theatre, Lougheed (AUIDS 301)
Moderator: G. King	Moderator: B. Alakas	Moderator: R. Heise	Moderator: A. McIntosh	Moderator: G. Lotz	Moderator: R. Harde
1:05 - 1:20 pm AUART 411 <i>From youth to adulthood - my experiences with gender identity and mental illness</i> - Collard	1:05 - 1:50 pm AUCSL 361 <i>Applied Statistics: What Supports are Useful in a Large Group-oriented Course</i> - Andreas, Babalola, Fadayomi, Heer, Hood, Hynes, Lang, Onuzurike, Schmuland, Subair, Zhong	1:05 - 1:25 pm R.A. <i>Creating a General Interface for AI Models with Python and Streamlit</i> - Aina	1:05 - 1:35 pm AUPSY 499 O.U.R. <i>Assessing the Shifting Landscape of Student Sexual Health Norms During the Covid-19 Pandemic</i> - Dedrick	1:05 - 1:35 pm AUPHY 395 <i>Technical Astronomy</i> - Wood	1:05 - 1:20 PM <i>Schielke Farms Lamb Operation Start-up & Opportunity Analysis</i> - Gudjonson, Mish, Reed, Ripley, White 1:20 - 1:35 PM <i>Schielke Farms e-newsletter</i> - Martin, Nagel, Olivera, Varghese
1:25 - 1:40 pm AUART 411 <i>Exulansis</i> - Lopez					
1:45 - 2:05 pm AUENV 407 <i>Dendrochronological comparison of urban and rural white spruce (Picea glauca): human activities influence growth rate and climatic response</i> - Wang	1:55 - 2:10 pm R.A. <i>Aboriginal People's Professional Contributions Recognized: Australia 1910</i> - Melnyk	1:30 - 1:50 pm AUCSI 250 <i>Lagrange Multipliers and Optimization Applications in Economics</i> - Khalil, Onuzurike	1:40 - 2:10 pm AUPSY 497 O.U.R. <i>An Examination of the Impact of Perceived Sexual Health Norms on STI-Protective Sexual Health Behaviour</i> - Wildman	1:40 - 2:10 pm AUPHY 395 <i>Astrophotography: How To Image Deep Sky Objects</i> - Sun	1:35 - 1:50 PM <i>Marketing for the Schielke Farm</i> - Birkill, Draker, Peake, Shorrock, Toutant 1:50 - 2:05 PM <i>Expanding Little Bird Baking</i> - Adeleye, Chartrand, Kuhn, Vakula
2:10 - 2:30 pm AUENG 298 <i>Rewriting History: A call to Action for Challenging Historical Narratives of Black and Indigenous Diasporas</i> - Pountou	2:15 - 2:35 pm <i>Sustainability in Fashion: Upcycling Fabrics from In-house Business Scraps</i> - Sinamtwa	1:55 - 2:15 pm AUCSI 250 <i>Implementation of McCormick Envelopes with Pthreads</i> - Shahid, Zhang	2:15 - 2:35 pm AUIDS 391 O.U.R. <i>The Posture of Hope: Contextual Theology Within the Contemporary Zeitgeist</i> - Stretch		2:05 - 2:20 PM <i>Little Bird Baking: Newsletter development for a local business</i> - Hubar, Kelly, Lauder, Oni 2:20 - 2:35 PM <i>Improving Irving's Farm Fresh's Social Media Presence</i> - Bergquist, Brozny, Gunjoo, Tiede

Refreshment and Cookie Break (Forum & Lougheed) - ~2:30-2:50

***** 10 min. Break *****

Moderator: T. Terzin	Moderator: G. Hood	Moderator: R. Heise	Moderator: A. Klahr	Moderator: G. Lotz	Moderator: R. Harde
2:50-3:10 pm AUBIO 418 <i>A New Solution to the Urbilateral Hypothesis: Understanding the Origins of Bilateral Body Plan from Xenoturbella, Sister Group of All Other Bilateralian</i> - Liu	2:50-3:10 pm <i>Sustainability Community Fruit Tree Project</i> - Middleton	2:50 - 3:10 pm AUCSC 401 <i>Collaboration, Communication, and Community: Building Stronger Teams with Microsoft 365</i> - Chapman	2:50 - 3:20 pm AUPSY 499 O.U.R. <i>Seizure Activity After Intracerebral Hemorrhage in Female Rats: The Impact of the Estrous Cycle</i> - Doctor	2:50 - 3:10 pm AUPHY 491 <i>Speed of Light Experiment</i> - Mata	2:45 - 3:00 PM <i>Food Forest</i> - Dias Afonso, Diprose, Edwards, Komranisky 3:00 - 3:15 PM <i>Maplewood Acres Task Force</i> - Mason, Okocha, Shen, Tilleman, Woldmarium
3:10 - 3:30 pm AUCHE 397 <i>The Future is Bright: A Review of Thin Film Solar Cell Technology</i> - Nguyen	3:10 - 3:30 pm <i>Sustainability SCORE1 as a Model of Franciscan Economics</i> - Wiebe	3:10 - 3:30 pm AUCSC 401 <i>Computer Systems: The Process of Fixing and Maintaining Computers</i> - Dickau	3:20 - 3:40 pm R.A. <i>A Guide to Becoming an Augustana Summer Research Assistant</i> - Kublik	3:10 - 3:30 pm AUPHY 491 <i>Michelson Interferometer</i> - Wood	3:15 - 3:30 PM <i>Agricultural Education Packages for Round Hill Renaissance</i> - Meng, Nanuan, Rota, White
	3:30-3:45 AUENV 434 <i>Understanding the Influence of Snow Compaction on Mammalian Travel Routes in Miquelon Lake Provincial Park</i> - Ebidag	3:30 - 3:50 pm AUCSC 402 <i>Python, GitHub, and Project Jupyter: the Process of Automating GitHub Commands to Build and Upload Jupyter Products Using Python Part II</i> - Kelly	3:40 - 4:00 pm AUPED 490 <i>Perceived Support for Mental Health in Male Collegiate Ice Hockey</i> - Bury		3:30 - 3:45 PM <i>Glen View Farm and Greenhouse</i> - Hasan, Ladhajuma, Nghiem, Schultz
	3:45-4:00 AUENV 434 <i>Edge Effect on Bird Nest and Woodpecker Cavity Abundance</i> - Middleton				3:45 - 4:00 PM <i>Tiny but Mighty: Glen Farms Microgreens</i> - Ahmad, Liu, Nanda, Petryshyn, Sony

Break from 4:00-5:30 (Cafe Open)

ACT II (5:30 - 8:00 PM)

Evening Opener - Cargill Theatre, Lougheed Performing Arts Centre (5:30-6:15 PM)

Welcome (Kyra Gusdal)

Community report highlights/update (Dean Tryphonopoulos)

Song (Augustana Choir)

Community partners (Jayla Lindberg)

Presentation: Introduction to Interdisciplinary Studies Community-based Projects: Greg King

Presentation: *TME Farms: Vision for Success - A Social Media And Marketing Campaign* - Calata, Mendoza, Moideen, Pascual, Taguiwalo

Presentation: *Ecoscaping for everyone* - Abel, Katchur, Levesque, Resch, Beattie

Explanation of the evening, map locations & send off (Kyra Gusdal & Anne McIntosh)

Varied Refreshments in Lougheed Lobby & Forum (6:15-6:30 PM)

WORLD CAFE (Mayer Hall)	SHOWCASE FAIR (Lougheed Lobby & Forum)	Outstanding Undergraduate Research Presentations (Cargill)
6:30 - 7:05 pm Research World Cafe* 1: Brandon Alakas, Elizabeth McGinitie, Paula Marentette, John K. Pattison-Williams, Stephanie Schuurman-Olson & Ardelle Ries	Poster Presentations (Group A 6:30-7:15; Group B 7:15-8:00)	6:30 - 6:50 pm AUBIO 419 <i>A Comparison Between the Patterning of Butterfly Wings and Patagium of Genus Draco (Anolid Lizard)</i> - Pountou 6:50 - 7:10 pm AUENG 298 <i>The Impact of Hebrew-Israelite Mythology on the Black Diasporic Consciousness</i> - Hammawa
Break	Various Entertainment	7:10 - 7:30 pm AUPOL 400 <i>Alberta Separatism: Comparing Past and Contemporary Movements</i> - Swanson
7:20 - 7:55 pm Research World Cafe* 2: Glen Hvenegaard, Stacy Lorenz, Veronika Reichert, Ivy Schoepf, Demetres P. Tryphonopoulos	Athletics Tent	7:30 - 7:50 pm AUENV 201 <i>Are Farmers Willing to Adopt? Sustainable Agriculture and Environmental Attitudes in Alberta</i> - Beattie