

**13th Annual Gelfan & Bell Research Symposium Schedule  
Friday May 10, 2024**

Time	Presentation	Presenter
8-8:45 am	*Continental Breakfast	Maple Leaf Room
8:45 - 9am	*Welcome and Opening Remarks	Bradley Kerr
9 - 10 am	Guest Speaker - Transforming cardiovascular care through big data and bioinformatics research	Louise Sun
10 - 10:15 am	Efficacy of surgically-inserted rectus sheath catheters, epidural and patient-controlled analgesia for major urologic surgeries	Rebecca Entz
10:15 - 10:30 am	Enhanced Recovery After Cardiac Surgery (ERACS): A Comparative Study of Elective Cardiac Surgery Patients in the Pre-ERACS and Post-ERACS Era	Sunny Fong
10:30 - 11 am	* Break - Poster Presentations **	Maple Leaf Room
11 - 11:15 am	Analgesic consumption in chronic cannabis users following orthopedic trauma surgery	Jaasmit Khurana
11:15 - 11:30 am	Are we effectively controlling postoperative pain? A Quality Improvement Project on Post-operative Pain Scores in Level 3 OR at The University of Alberta.	Zohreh Moazzeni
11:30 - 11:45 am	Postoperative nausea and vomiting in the postanesthetic care unit not affected by guideline adherence or educational intervention	Francesca Seal
11:45 - 12 pm	Polypharmacy: a flag for high-risk emergency surgery patients	Melissa Shears
12 - 1pm	* Lunch - Poster Presentations *	Maple Leaf Room
1 - 1:30 pm	** Poster Presentations**	
1:30 - 1:45 pm	Optimizing resuscitation of the donation after circulatory death heart by mitochondrial protection in a porcine model	Fulin Wang
1:45 - 2 pm	The ER chaperone ER Oxidirectin (ER01) plays a critical role in determining nociceptive sensitivity	Aislinn Maguire
2 - 2:15pm	Investigating the Role of Ferroptosis in Neonatal Sepsis-Induced Liver Injury	Si Ning Liu
2:15 - 2 :30 pm	A randomized trial of nerve block versus local infiltration for transcatheter aortic valve implantation – Preliminary results	Charles Gelinis
2:30 - 2:45 pm	*Adjudication Meeting	
2:45 - 3pm	*Awards and Teacher of the Year/Resident Farewell	Derek Dillane Graham Steel
3 - 3:30 pm	*Resident Photos	Jaasmit Khurana

\* denotes Non-credit Activity

\*\* Poster authors will be standing by their posters to present/answer questions

Time	Parallel Presentation	Presenter
12:45 to 2:45	POCUS TTE Workshop- The SIM will be: ~45 minutes for a didactic presentation with audience response software and 1 hour + 15 minutes for hands-on learning	Brian Buchannan

**Symposium Learning Objectives:**

Research Day provides the opportunity for our grad students, residents, and fellows to demonstrate and measure their progress. Participants will strengthen professional collaborative bonds with their colleagues in and around the city of Edmonton. At the conclusion of this program, participants will be equipped to explain and apply knowledge using current anesthesiology related research and scholarly activities that have taken place in Edmonton over the past year.