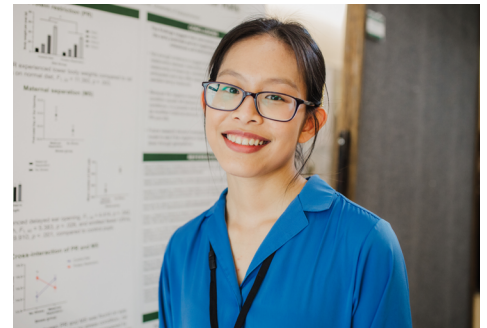
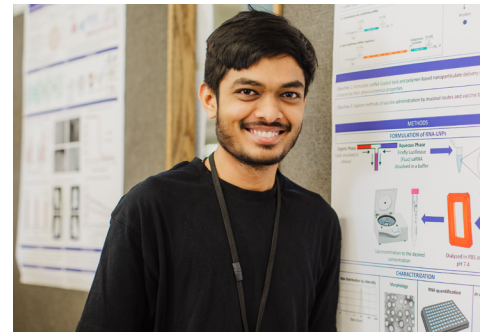


# THE 2025 LIFE & HEALTH SCIENCES RESEARCH EXPO

ACKNOWLEDGING EXEMPLARY RESEARCH AND LEARNING AT THE UNIVERSITY OF SASKATCHEWAN



## 2025 AWARD RECIPIENTS

The Life & Health Sciences Research Expo acknowledges exemplary research and learning activity at the University of Saskatchewan and is an annual showcase of the interdisciplinary health science research taking place on campus and throughout the province.

Special thanks to all presenters, adjudicators, and to the review committee for helping celebrate outstanding research, collaboration, and mentorship within the health sciences on **Thursday, May 1, 2025**.

For more information about the expo — including summaries of competition categories and award submission/nomination requirements, please visit [healthsciences.usask.ca/expo](https://healthsciences.usask.ca/expo).

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## BEST SUPERVISOR

**Dean Chapman , PhD**

Professor, College of Medicine

*Nominated by: Puja Rajesh*

## BEST PAPER

The 2025 Life & Health Sciences Research Expo Best Paper Awards are sponsored by the Saskatchewan Health Research Foundation (SHRF).

### **Best Basic Science Paper**

**Marina Bezerra da Silva**, Western College of Veterinary Medicine

[From larva to adult: In vitro rearing protocol for honey bee \(\*Apis mellifera\*\) drones](#)

*Supervisors: Sarah Wood and Elemir Simko, Western College of Veterinary Medicine*

### **Best Translational, Clinical, or Applied Science Paper**

**Robin Manaloor**, College of Medicine

[Virtual multidisciplinary preoperative assessments: A multi-site formative evaluation and evidence-based guide for implementing change](#)

*Supervisor: Jon Gamble, College of Medicine*

### **Best Social & Population Health Paper**

**Sierra Leonard**, College of Medicine

[Comparing Artificial Intelligence and Traditional Regression Models in Lung Cancer Risk Prediction: A Systematic Review and Meta-Analysis](#)

*Supervisor: Scott Adams, College of Medicine*

## RESEARCH POSTER

## PRESENTATION COMPETITION

Medical and dentistry residents, graduate students, undergraduate students, and post-doctoral researchers were invited to submit an abstract for the research poster presentation competition. Presenters competed in cohorts based on alignment with the following primary research categories: Basic Science; Translational, Clinical, or Applied Science; and Social & Population Health.

### **Basic Science 1**

**First place:** Marziyeh Hassanzadeh, College of Medicine

*Supervisor: Brian Eames, College of Medicine*

**Second place:** Mary Lazell-Wright, College of Medicine

*Supervisors: Franco Vizeacoumar and Andrew Freywald, College of Medicine*

### **Basic Science 2**

**First place:** Jay Gabriel Larga, College of Medicine

*Supervisor: Michael Levin, College of Medicine*

**Second place:** Agnes Truc Nguyen, Western College of Veterinary Medicine

*Supervisor: Janet Hill, Western College of Veterinary Medicine*

### **Basic Science 3**

**First place:** Adam Luchkanych, Western College of Veterinary Medicine

*Supervisor: Dylan Olver, Western College of Veterinary Medicine*

**Second place:** Jared Price, College of Medicine

*Supervisors: Franco Vizeacoumar and Andrew Freywald, College of Medicine*

### **Basic Science 4**

**First place:** Mahesh Rachamalla, College of Arts & Science

*Supervisors: Som Niyogi, College of Arts & Science, and Markus Hecker, School of Environment and Sustainability*

**Second place (tie):** Cody Koloski, Western College of Veterinary Medicine

**Supervisor:** Maarten Voordouw, Western College of Veterinary Medicine

**Second place (tie):** Bhadrappriya Sivakumar, College of Medicine

**Supervisor:** Anand Krishnan, College of Medicine

### **Basic Science 5**

**First place:** Ruoqi Yu, College of Medicine

**Supervisor:** Jeff Dong, College of Medicine

**Second place:** Rita Quintela, Western College of Veterinary Medicine

**Supervisor:** Arinjay Banerjee, Western College of Veterinary Medicine

### **Basic Science 6**

**First place:** Arkadeb Bhuiya, Western College of Veterinary Medicine

**Supervisor:** Arinjay Banerjee, Western College of Veterinary Medicine

**Second place:** Andy Kim, College of Medicine

**Supervisor:** Michelle Collins, College of Medicine

### **Translational, Clinical, or Applied Science 1**

**First place:** Serena Malta, College of Medicine

**Supervisors:** Ana Paula Mendes-Silva, College of Medicine, and Ana Maria Bonetti

**Second place:** Yasodha Basnayake, Western College of Veterinary Medicine

**Supervisor:** Susantha Gomis, Western College of Veterinary Medicine

### **Translational, Clinical, or Applied Science 2**

**First place:** Thanuri Edirithilake, Western College of Veterinary Medicine

**Supervisor:** Sarah Wood, Western College of Veterinary Medicine

**Second place:** Sarah Fitzgerald, College of Medicine

**Supervisor:** Angelica Lang, College of Medicine

### **Translational, Clinical, or Applied Science 3**

**First place:** Emilio Tellarini Prieto, Western College of Veterinary Medicine

**Supervisors:** Sarah Wood and Elemir Simko, Western College of Veterinary Medicine

**Second place (tie):** Naga Suresh Kola, School of Public Health

**Supervisor:** Aneesh Thakur, College of Medicine

**Second place (tie):** Reza Javan, College of Medicine

**Supervisor:** Dean Chamberlain, College of Medicine

### **Translational, Clinical, or Applied Science 4**

**First place:** Marcelo Camilli, Western College of Veterinary Medicine

**Supervisors:** Sarah Wood and Elemir Simko, Western College of Veterinary Medicine

**Second place:** Devinda Wickramasingha, Western College of Veterinary Medicine

**Supervisor:** Dinesh Dadarwal, Western College of Veterinary Medicine

### **Social & Population Health 1**

**First place:** Fernanda Andre, College of Medicine

**Supervisor:** Nazeem Muhajarine, College of Medicine

**Second place:** Humaira Anjum, College of Medicine

**Supervisor:** Bonnie Janzen, College of Medicine

### **Social & Population Health 2**

**First place (tie):** Oleksii Obshta, Western College of Veterinary Medicine

**Supervisor:** Sarah Wood, Western College of Veterinary Medicine

**First place (tie):** Mehrdad Askarian, College of Medicine

**Supervisors:** Tracey Carr and Gary Groot, College of Medicine

### **Undergraduate Research 1**

**First place:** Ivana Gulati, College of Arts & Science

**Supervisor:** Natacha Hogan, College of Agriculture and Bioresources

**Second place:** Jay Patel, College of Arts & Science  
*Supervisor: Anand Krishnan, College of Medicine*

### **Undergraduate Research 2**

**First place:** Erin Fedusiak, College of Pharmacy & Nutrition  
*Supervisors: Julie Kosteniuk, College of Medicine, and Allison Cammer, College of Pharmacy & Nutrition*

**Second place:** Ami Klinger, College of Kinesiology  
*Supervisor: Kevin Spink, College of Kinesiology*

### **Undergraduate Research 3**

**First place:** Jenna England, College of Medicine  
*Supervisor: Johannes van der Merwe, College of Medicine*

**Second place:** McKenna Bolger, College of Medicine  
*Supervisor: Justin Botterill, College of Medicine*

## **ADDITIONAL AWARDS**

Based on the quality of the research posters presented, additional awards were presented for achievement aligning with the following optional, self-declared themes:

### **Indigenous Health Research**

**Recipient:** Humaira Anjum, College of Medicine  
*Supervisor: Bonnie Janzen, College of Medicine*

### **Interdisciplinary/Interprofessional Collaboration**

**Recipient:** Arash Amanlou, College of Pharmacy & Nutrition

*Supervisors: Azita Haddadi, College of Pharmacy & Nutrition, and Scott Adams, College of Medicine*

**Recipient:** Abby Lehmann, College of Pharmacy & Nutrition

*Supervisors: Allison Cammer, College of Pharmacy & Nutrition, and Soo Kim, School of Rehabilitation Science*

### **Sustainable Progress**

The 2025 Life & Health Sciences Research Expo Sustainable Progress Awards are sponsored by the Office of Sustainability and the Gwenna Moss Centre for Teaching and Learning.

**Sustainability & People:** Fernanda Andre, College of Medicine

*Supervisor: Nazeem Muhajarine, College of Medicine*

**Sustainability & Planet:** Munzurul Hasan, College of Arts & Science

*Supervisors: Douglas Chivers and Som Niyogi, College of Arts & Science*

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