



Chemical Institute of Canada | *For Our Future*  
Institut de chimie du Canada | *Pour notre avenir*



**BM** 

**Biological and Medicinal  
Chemistry Division**

# Poster Award Winners

## Canadian Chemistry Conference and Exhibition (CSC 2025)

### Graduate Student Poster Winners

- Michael Capperault  
“Simple diaminonucleoside-mediated nonenzymatic ligation of oligonucleotides”  
*Supervisor: Derek O'Flaherty*
- Alana Rangaswamy  
“Assay Development and Engineering of Nylon-Degrading Enzymes”  
*Supervisor: Jeffrey Keillor*
- Shivram Tikoo  
“Synthesis of Oligonucleotide Conjugates Containing Selenium Modified Linkers”  
*Supervisor: Christopher Wilds*

## Canadian Chemistry Conference and Exhibition (CSC 2024)

### Undergraduate Student Poster Winner

- Jonathan Houser  
“Catching COVID: Developing a nanoparticle-peptide conjugate to target SARS-CoV-2”  
*Supervisor: John Trant*

### Graduate Student Poster Winners

- Shereen Abohussain  
“Advancing therapeutic platforms through in situ drug production and release”  
*Supervisor: Sheref Mansy*
- Anjalee Wijewardane  
“Combating Heart Disease: Investigating Biased Signaling Pathways of Metabolically Stable Apelin Analogues and Small Molecule Agonist in the Apelin-APJ system”  
*Supervisor: John Vederas*
- Azam Mohammadzadeh  
“Computational Insights into FABPs' Interactions with Minor Cannabinoids: Therapeutic Implications”  
*Supervisor: John Trant*

## Canadian Chemistry Conference and Exhibition (CSC 2023)

### Undergraduate Student Poster Winner

- Sarah Ménard  
“Directed Evolution of Novel Glycan-Binding Proteins Using mRNA Display”  
*Supervisor: David Kwan*

### Graduate Student Poster Winners

- Tiffany Stern  
“Hepatitis C Virus Modulates Lipid Metabolic Enzymes to Facilitate Infection”  
*Supervisor: John Pezacki*
- Nicholas Morehouse  
“Tolypocaibols: Antibacterial lipopeptaibols from a *Tolypocladium sp.* endophyte of the marine macroalga *Spongomorpha arcta*”  
*Supervisor: Christopher Gray*
- Kushal Dhake  
“Iodoamination of Bicyclobutanes: Diastereoselective Synthesis of Cyclobutyl Iodoamines”  
*Supervisor: David Leitch*