

# SOUSCC (Southern Ontario Undergraduate Student Chemistry Conference)

## 50th eSOUSCC Trent University Winners (Hosted by University of Toronto, March 26, 2022)

Winners of Outstanding Oral Presentations

* 1st Prize in Chemical Biology – Kieran Freitag, “Charcterization of the TATA-binding protein in *Giardia intestinalis*”.
* 2nd Prize in Organic Chemistry – Meilin Lim, “Palladium Alkoxy N-Heterocyclic Carbene complexes for cross coupling catalysts”

## 48th eSOUSCC Trent University Winners (Hosted online by Ryerson University, June 16 – July 9, 2020)

Winners of Outstanding Oral Presentations

* Analytical Chemistry - Cassandra Johannessen, “Characterizing the Complexation of a66-80 Crystallin Peptide and NaSO3 Resorcinarene Host Receptors using Electrospray Ionization Mass Spectrometry ”
* Analytical Chemistry - Shaelyn Mortensen, “Properties, Behaviour, Fate and Occurrence of an Emerging Family of Environmental Contaminants: Methoxymethyl-Melamines”
* Biological/Medicinal Chemistry – Julia Hubert, “The identification and characterization of cytokinin profiles in *Giardia intestinalis*”
* Green Chemistry – Shauda Rhoden, “Microwave Assisted Green Extraction of Chitosan for Functionalization”

## 47th SOUSCC Trent University Winners (Hosted by University of Toronto, Scarborough, March 30, 2019)

* 1st Prize in Analytical Chemistry - Jacob Bothen, “Investigations of Aqueous Selenium-Sulfur species by Mass”
* 1st Prize in Green Chemistry – Madison Mooney, “The green chemistry metrics of (E)-stilbene synthesis”
* 3rd Prize in Biological/Medicinal Chemistry, “Ligand-binding properties of *Giardia intestinalis* flavohemoglobin”

## 46th SOUSCC Trent University Winners (Hosted by Wilfrid Laurier University, March 24, 2018)

* 1st Prize in Biological/Medicinal Chemistry – Jessica Chorolovski, “Characterization of an unusual transcription factor in the protest *Giardia* intestinalis”

## 45th SOUSCC Trent University Winners (Hosted by York University, March 18, 2017)

* 1st Prize in Biological/Medicinal Chemistry – Eliza McColl, “Probing the heme active site of the Flavohemoglobin Enzyme in *Giardia intestinalis*”

## 44th SOUSCC Trent University Winners (Hosted by Trent University, April 2, 2016)

* 1st Prize in Biological Chemistry – Julianne Hoekstra, “The study of protein expression during Encystation of *Giardia* intestinalis”

## 42nd SOUSCC Trent University Winners (Hosted by University of Windsor, March 29, 2014)

* 2nd Prize in Biochemistry – Jennifer Brown, “Characterization of an unusual TATA-binding protein (TBP) in *Giardia* lamblia”

## 41st SOUSCC Trent University Winners (Hosted by McMaster University, March 30, 2013)

* 3rd Prize in Cell Chemistry – Kyla Campanaro, “Identifying the redox partner of cytochrome b5 in *Giardia* lamblia”

## 40th SOUSCC Trent University Winners (Hosted by University of Guelph, March 24, 2012)

* 1st Prize in Biochemistry – Johnathan Almey, “Characterizing the *Giardia lamblia* flavohemoglobin”

## 39th SOUSCC Trent University Winners (Hosted by University of Waterloo, March 26, 2011)

* 1st Prize in Biological/Medicinal Chemistry Division 1– Eva (Shyong Quin) Yap, “Effects of nitrosative stress on the expression levels of the flavohemoglobin gene in *Giardia lamblia*”
* Honourable Mention in the Analytical and Environmental Division – Kelly Leblanc “Selenocyanate: Production by Green Algae and Analysis using Molecular Mass Spectrometry”

## 37th SOUSCC Trent University Winners (Hosted by Brock University, March 28, 2009)

* 3rd Prize in Biological Chemistry – Cora Kempt, “Investigating the Conserved Residues of the Cofactor Binding site of *Staphylococcus aureus* Nitric Oxide Synthase”

## 36th SOUSCC Trent University Winners (Hosted by Queen’s University, March 15, 2008)

* 1st Prize in Biological Chemistry – Mark Woodcroft, “The Interaction of Fluorochemicals with Liver Fatty Acid-Binding Protein: Potential Mechanisms for Bioaccumulation and Toxicity”
* Runner-up Prize in Biological Chemistry – Tony Ruzzini “Studies of the cell cycle in an unusual waterborne parasite, *Giardia lamblia*”