Jared Price

1325 Temperance St. Saskatoon, S7N0P4 | 306-209-6430 | [jared.price@usask.ca](mailto:jared.price@usask.ca)

# Education

## Medical Doctor/Doctor of Philosophy | may 2027| university of saskatchewan

## bachelor of science | may 2020 | university of regina

* Major: Honors Biochemistry
* Minor: Computer Science
* Biochemistry Co-op Terms

## highschool | may 2016 | campbell collegiate

* International Baccalaureate Diploma

# Experience

## Researcher | university of saskatchewan | may 2022-July 2022

* Inquire with top Canadian leaders of point of care ultrasound accreditation standards
* Compile research findings are present as a journal report and presentation

## Deans Project | university of saskatchewan | may 2021-Present

* Quantify double knock outs with microscopy and MetaXpress software
* Maintain, propagate, and manage a variety of cell lines in accordance to standard protocol
* Effectively perform established procedures to produce and evaluate genetic knockout cell lines

## Research intern | university of concorda | jan 2020-april 2020

* Determine novel drug targets for various monoterpenoids against select fungi
* Work safely and methodically in biosafety level two facilities
* Utilize microrobotics facility, Biofoundry, to increase efficiency of research
* Communicate and fulfill responsibilities between two lab groups

## NSERC | University of Regina | may 2019-sept 2019

* Determine harmful effects of herbicides on non-target organisms with various biochemical assays
* Examine surface ultrastructure features of microbes using Atomic Force Microscopy
* Maintained mutual lab space with other researchers

## NSERC | University of Regina | may 2018-sept 2018

* Analyzing large biological data sets regarding bacterial populations for the Yost lab
* Proposed innovative methods to facilitate analysis of nonstandard data
* Collaborated with peers and reported findings to lead researcher

## Tutor | University of regina | January 2018-May 2020

* Tutor a variety of undergraduate courses in the general sciences including biology, chemistry, computer science and more

# Organizations

## regina Site Representative – Exercise is medicine (2021-Present)

* Promoting events within the Regina campus
* Assisting with organizing and delivering events and resources to the Regina campus
* Communicate the values and ideas of Regina campus to EIM for large-scale planning

## regina Site year two Representative – University of Saskatchewan UltraSound (2021-Present)

* Assist in event planning, preparation and execution of events for Regina campus students
* Responsible for communication with Regina Campus students with social media and email
* Assist in collaborative projects with the Saskatoon campus USUS team

## general member – Canadian Alliance of medicals tudents agianst human trafficking (2021-Present)

* Advocate for education for healthcare professionals regarding human trafficking
* Participate in regular meetings to discuss
* Support hosting various events over the academic year in a virtual format to the medical class at large
* Communicate events and visions to medical class
* Contribute and discuss in team settings for event planning and group strategy

## Vice president – Artificial intelligence in medicine interest group (2020-Present)

* Support hosting various events over the academic year in a virtual format to the medical class at large
* Communicate events and visions to medical class
* Contribute and discuss in team settings for event planning and group strategy
* Liaison with College of Medicine and medical professionals in the community

## Let’s talk science (2019-2020)

* Volunteer organization to promote science to youth
  + Present exciting yet simple scientific principles
  + Demonstrate visual experiments
  + Encourage participation and pursuit of scientific questions

## President – university of regina biochemistry and chemistry student association (2018-2020)

* Oversee the strategic vision of BCSA and act as primary spokesman for communicating this to students, faculty, and the general public
* Ensures the completion of Executive Duties via task management, and takes over the duties of absent members
* Chairs the BCSA meetings and approves the Secretary’s Agenda and Minutes for such meetings
* Led “Chalk-Talk” sessions, volunteer sessional instruction to tutor undergrads in early-biochemistry courses

## president - campion college alpha sigma nu chapter (2018-2020)

* International honour society for Jesuit institutions of higher learning
* One of two chapters in Canada, one of many in the world
* Implement ideals of scholarship, loyalty, and service
* Involvement with local youth charity, Street Culture Project

# Publications

Shahina, Z., Homsi, R. al**, Price, JDW.**, Whiteway, M., Sultana, T., & Dahms, T. E. S. (2022). Rosemary essential oil and its components dependent lethality and ROS-independent virulence inhibition in Candida albicans. *PLoS ONE*, 1–31. https://doi.org/10.1371/journal.pone.0277097

Bhat S V., **Price JDW**, Dahms TES. AFM-Based Correlative Microscopy Illuminates Human Pathogens.

Front Cell Infect Microbiol. 2021;11(May):1–12.

# Awards

## Canadian graduate student masters award (CIHR) |Fall 2022

## MD/PhD Research Award | Summer 2022

## SCI Student Canada Merit Award | 2020

## NSERC Undergraduate Student Research Award | Summer 2020

## University of Regina REtirees Legacy Scholarhip | Winter 2020

## Muriel E. Finlayson Undergraduate Environmental Science Scholarhip | Winter 2020

## Saskatchewan Innovation Undergraduate Scholarship | Winter 2020

## Wallace McConnell memorial scholarship | Fall 2019

## University of Regina Retirees Legacy Scholarship | Fall 2019

## University of Regina Alumni Association Dr. John Archer Scholarship | Fall 2019

## Academic silver scholarship | Fall 2019

## NSERC UNDERGRADUATE STUDENT RESEARCH AWARD | SUMMER 2019

## THE UNIVERSITY OF REGINA RETIREES LEGACY SCHOLARSHIP | WINTER 2019

## ACADEMIC SILVER SCHOLARSHIP | FALL 2018

## SGEU EDUCATION SECTOR SCHOLARSHIP | FALL 2018

## NSERC UNDERGRADUATE STUDENT RESEARCH AWARD | WINTER 2018

## ACADEMIC SILVER SCHOLARSHIP | FALL 2017

## CENTENNIAL MERIT SCHOLARSHIP | FALL 2016

# References

## Dr. TANYA DAHMS

Professor

University of Regina

306-585-4246

[tanya.dahms@uregina.ca](mailto:tanya.dahms@uregina.ca)

## Dr. Franco Vizeacoumar

Professor

University of Saskatchewan

306-966-7010

[franco.vizeacoumar@usask.ca](mailto:franco.vizeacoumar@usask.ca)