



## Chelsea Uggenti received MS2Discovery Student Award

Chelsea Uggenti is a student member of the MS2Discovery Interdisciplinary Research Institute. Her research includes Mathematical models in epidemiology and wildland fire science. She advances research within two priority research themes at the Institute: Life Sciences, Biotechnology and Bioinformatics (Tecton 2) and Ecology, Climate and Environmental Sciences (Tecton 5).

Uggenti won a MS2Discovery Graduate Student Award that supported her travel to the Canadian Undergraduate Mathematics Conference at the University of Victoria. She spent five days at the conference networking with undergraduate students from all over Canada and discussing her own research. Uggenti presented her talk on investigating the stability of disease models with temporary immunity. Following the presentation, she received many questions about possible extensions of her work. In Uggenti's report she wrote, "Throughout the conference, I had the opportunity to attend a variety of student talks in different areas of mathematics. Some of the talks I went to, for example, included: an introduction to quantum computing, partial differential equations and population dynamics, an introduction to Ramsey theory on graphs, and more."

Uggenti is very grateful for the funding support given by the MS2Discovery Institute and believes that participating in this math conference has inspired her to continue doing research in different fields of mathematics.



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