



Member Profile

Dr. Chester Weatherby, Affiliated Member

Dr. Chester Weatherby, affiliated member of the MS2Discovery Research Institute, advances research within one priority research theme at the Institute: Basic Research Incubator (Tecton 11).

Dr. Chester Weatherby joined the Institute in 2016. Currently, he is an assistant professor at Wilfrid Laurier University in the Department of Mathematics. He teaches classes in Abstract Algebra, Combinatorics, and Analysis. Before joining Laurier, Weatherby was a visiting assistant professor at the University of Delaware, followed by a teaching postdoctoral fellow at Queen's University. He received his MSc in Mathematics and PhD in Mathematics (number theory) from Queen's University in Kingston.

Dr. Weatherby was a winner of the WLU Faculty Association Merit Award in 2015. He has also been nominated for several teaching awards including the WLU Award for Teaching Excellence in 2016. His research interests lie in Number Theory and Math Education. He has spoken at several conferences and seminars, including Queen's Number Theory Seminar and the CMS Winter 2015 Meeting in Montreal. Weatherby is a reviewer for several journals including American Mathematical Monthly. He also acts as the Prize Committee Chair for the AMMCS International Conference.

Dr. Weatherby's research interests are in special values, zeta functions, gamma/digamma/polygamma functions, irrationality and transcendence, and linear & algebraic independence. His past research projects include Generalization of Euler's theorem for zeta and Special values of infinite series & products. In the past, Weatherby has supervised several graduate and undergraduate students in Number Theory.

