Dr. Stephen Kirkland

Steve earned a B.Sc. from the University of British Columbia as well as an M.Sc. and Ph.D. (Mathematics) from the University of Toronto. His research interests are in the areas of matrix theory, graph theory, and their applications in domains such as quantum information and mathematical biology.

Steve's service and administrative record reflects his commitment to Mathematics, to undergraduate and graduate education, and to the broader university community. He served as Professor and Head of the Department of Mathematics of the University of Manitoba for the period 2013-2020, and as an Associate Dean in the Faculty of Graduate Studies since 2020. Prior to joining the University of Manitoba, Steve held positions at the National University of Ireland Maynooth, University of Regina, University of Minnesota, and Queen's University. He has supervised undergraduate and graduate students, postdoctoral fellows, and served as external examiner for multiple Ph.D. and M.Sc. examinations. His service record at the University of Manitoba includes membership in search committees, academic program reviews and conference organization. He is the recipient of the University of Manitoba Faculty of Science Award for Research Excellent (2017) in addition to other awards. Steve has received numerous grants including multiple NSERC grants, the University of Manitoba Teaching and Learning Enhancement Fund, and the University of Manitoba Faculty of Science Undergraduate Interdisciplinary Course Development grant to name a few, and has authored or co-authored several books and numerous journal publications.