

Victor Piercey Bio

Victor Piercey received an interdisciplinary B.A. in humanities from Michigan State University in 1997, a Juris Doctor from Columbia Law School in 2000, a M.S. in mathematics from Michigan State University in 2006, and a Ph.D in mathematics from the University of Arizona in 2012. His dissertation was in algebraic geometry.



Since completing his Ph.D, he has been teaching at Ferris State University in Big Rapids, Michigan. He was granted tenure in 2017 and is an associate professor in the mathematics department. In 2018, he was appointed Director of General Education. As a member of the mathematics department, his primary work has involved the interdisciplinary development of a 2-semester sequence of general education courses entitled Quantitative Reasoning for Professionals. Developing this sequence involved collaboration with faculty in business, social work, and health professions, funded by the National Science Foundation. He also led the development of the actuarial science program, in which he developed and taught the Theory of Interest course. He is currently working on a faculty learning community to integrating quantitative reasoning and partner discipline content in math courses and in partner discipline courses. In addition, he is working on developing interdisciplinary opportunities for general education at Ferris State University and a faculty learning community to integrate quantitative

His scholarship interests include the intersection of quantitative reasoning with algebraic reasoning, the use of faculty learning communities to increase the scale of innovation, and both the cognitive and affective impact of active pedagogies. His teaching interests include the integration of ethics with mathematics, the use of inquiry-based learning, interdisciplinary collaboration in course design and in teaching, and the use of role-playing simulations similar to *Reacting to the Past*.

He has served as the chair of two Special Interest Groups in the Mathematical Association of America, one dedicated to Quantitative Literacy and the other dedicated to Inquiry-Based Learning (which he helped establish). He has also chaired the Michigan section of the Mathematical Association of America and serves on the board for the initiative for Mathematics Learning by Inquiry.

In his spare time, he serves as the treasurer for his local homeless shelter and he reads books on history, particularly Russian and European history.

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