

RUME as a Field of Academic Inquiry

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Abstract

Research in Undergraduate Mathematics Education (RUME) is a newer field of academic inquiry. While the lineage of mathematics is measured in centuries and millennia, the history of RUME is measured in decades. Teaching and learning mathematics is more idiosyncratic than mathematics as a discipline of exact definitions and unforgiving formulations.

In this talk I will present the history of RUME both in terms of events and in terms of its philosophical foundations. I will share purposes and methods of the field along with a few results that may be useful in reflecting on one's teaching practice.