

## David Robitaille International STEM Education Presentation

Presented by the David F. Robitaille Professorship in Mathematics & Science Education

# Mathematics, Archaeology, Time and Music

Sara de Rose | Independent Music Archaeologist

April 18, 2019 | 2:15-4:15 p.m. | Scarfe 1223

Faculty of Education, 2125 Main Mall

Sara de Rose invented Musicircle (<http://musicircle.net/>), a tool that teaches modern music theory using geometric shapes and a sequence of seven numbers. She invented Musicircle years before a 3000-year-old Mesopotamian tablet was understood to relate to music. In fact this ancient tablet portrays the relationship between numbers, music, and geometry that Sara created in her Musicircle! Her work is endorsed internationally and she has recently returned from presenting her research at an international conference in Germany.

This is an interactive presentation where participants can create their own number circles to explore some fascinating relationships.

**Pizza lunch provided** | please RSVP to Kwesi Yaro: [kwesi.yaro@alumni.ubc.ca](mailto:kwesi.yaro@alumni.ubc.ca)