

Discovering the Art of Mathematics (DAoM) is an innovative approach to teaching mathematics to liberal arts and humanities students, that offers the following vision:

Mathematics for Liberal Arts students will be actively involved in authentic mathematical experiences that

- are both challenging and intellectually stimulating,
- provide meaningful cognitive and metacognitive gains, and,
- nurture healthy and informed perceptions of mathematics, mathematical ways of thinking, and the ongoing impact of mathematics not only on STEM fields but also on the liberal arts and humanities.

Mentoring: For participants who want to continue refining their work as teachers of inquiry-based mathematics in we offer a **stipend of about \$200**. The work will include reflecting on your teaching using videos and writing, see this blog post at <http://www.artofmathematics.org/blogs/cvonrenesse/reflecting-to-improve-teaching>) for an example of a reflective piece.

DAoM provides a wealth of resources for mathematics faculty to help realize this vision in their Mathematics for Liberal Arts (MLA) courses: a library of 11 inquiry-based **free learning guides**, teacher resources and many professional development opportunities. See www.artofmathematics.org for more information and our **free materials**.

The Discovering the Art of Mathematics project seeks faculty to **review** and/or classroom **beta-test** select materials from the Discovering the Art of Mathematics curriculum library. **Stipends** are available to support the efforts of reviewers and beta-testers. The stipend for reviewing an entire volume from the series is currently \$500. The stipend for beta-testing the majority of a volume in a full-semester course is \$1,500. If you would like to beta-test a portion of a volume for part of a semester, we can arrange a sliding stipend scale.

Funded through the NSF, we are offering **workshops** for faculty interested in our materials and our teaching techniques. We will travel to your institution to facilitate 1-2 day workshops. Our workshops will help you: Experience what mathematical inquiry can feel like in a math for liberal arts class. Investigate particular content areas that might connect with your students. Understand and practice ways for creating a classroom environment where productive, safe, and deep mathematical inquiry can take place. Reflect on the interaction of teacher, student, investigations, mathematics, and inquiry materials in the classroom.

Volker Ecke: vecke@westfield.me.edu

Christine von Renesse: cvonrenesse@westfield.ma.edu