



You are invited to attend the  
**Compute-to-Learn Workshop**

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$Compute  
> to  
> Learn_
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Lafayette College, Easton, PA

9:30 am – 3:00 pm

Friday, November 2, 2018

The Compute-to-Learn (C2L) Pedagogy is a semester-long, project-based learning experience in which students collaborate within a peer-led studio environment to create Mathematica demonstrations of abstract course concepts that can be illuminated by dynamic computation. During this experience, students learn key programming skills that they apply within the context of their discipline. At the end of the semester, the student demonstrations undergo external peer-review and are published on the [Wolfram Demonstrations Project](#).

Mathematica Demonstrations in the Wolfram Demonstrations Project span STEM fields.

**Faculty from all STEM fields are encouraged to attend the workshop!**

For more information on C2L, check out the following article: [J. Chem. Educ. 2017, 94, 1896-1903](#).

## Workshop Objectives:

Participants will:

- Learn the basics of the Wolfram programming language
- Program a demonstration in Mathematica
- Develop ideas for demonstrations related to topics in their own courses
- Learn about differences in implementing C2L at various institution types
- Identify challenges and discuss strategies for implementing C2L in their own courses

## Workshop Facilitators:

The workshop will be facilitated by two C2L developers:

Heidi P. Hendrickson	Assistant Professor	Lafayette College
Ellen Mulvihill	PhD Candidate	The University of Michigan

## Workshop Schedule:

**Session 1:** Acopian Engineering Center 223B

9:30am – 10:00am Welcome and Introduction to Compute-to-Learn

10:00am – 12:30 pm Hands-on Tutorial: Programming Mathematica Demonstrations

**Session 2:** Kunkel Hall 117

12:30 pm – 1:00 pm Lunch (provided)

1:00 pm – 3:00 pm Implementing C2L at Various Types of Institutions

**RSVP:** Space is limited, so please reserve your spot [here](#) by Friday, October 26, 2018!

Or type this link in your browser: [https://lafayettec.az1.qualtrics.com/jfe/form/SV\\_b2wUAAVllw8fEVB](https://lafayettec.az1.qualtrics.com/jfe/form/SV_b2wUAAVllw8fEVB)

Questions? Please contact Heidi Hendrickson at [hendrihe@lafayette.edu](mailto:hendrihe@lafayette.edu)

**There is no registration fee, the workshop is FREE!**

Event co-sponsored by:

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