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## Teaching - Joseph Brennan

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I consider myself an academic mathematician, equally committed to mathematics education and mathematics research. The majority of the courses I have taught have been introductory courses (100/200 level), but I have had the opportunity as a postdoc to run upper level and graduate courses.

I am an MAA Project NExT Fellow for 2013-2014 (brown13 dot).

Laura Anderson and I have collaborated on “flipping” calculus at Binghamton University. As co-PIs on a SUNY Innovative Instruction Technology Grant, we've constructed resources which allow for calculus classrooms to be “flipped”. In the fall of 2013 we compared our six flipped classes against six control classes taught in the classic lecture style. The results of this experiment were favorable and have been submitted to PRIMUS. Beginning fall 2014, Binghamton University will be running all calculus 1 sections under our flipped model.

Flipped Calculus Resources

Paper on Flipping Results

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## Binghamton University SUNY - Riley Assistant Professor

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Fall 2012 - Present  
Rate my Professor

### **Current Courses**

- Math 221: Calculus 1, section 1.
- Math 304: Linear Algebra, section 3.

### **Spring 2015**

- Math 503: Algebra I

### **Previous Courses**

- **Spring 2014**
  - Math 221: Calculus 1.
  - Math 603: Algebra Topics - Finite p-Groups.
- **Fall 2013**
  - Math 221: Calculus 1.
  - Math 304: Linear Algebra.
- **Spring 2013**
  - Math 148: Elementary Statistics for Biologists.  
*(lecturer and coordinator)*
- **Fall 2012**
  - Math 221: Calculus 1.
  - Math 330: Number Systems.

## University of Florida - Graduate Student

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Fall 2006 - Spring 2012

A selection of my evaluations while at UF.

Rate my Professor

- **Spring 2012**
  - MAC2313: Calculus 3 (lecturer and coordinator, 3 teaching assistants)
- **Fall 2011**
  - MAC2313: Calculus 3 (lecturer and coordinator, 3 teaching assistants)
- **Summer 2011**
  - MAC2313: Calculus 3 (instructor).
- **Spring 2011**
  - MAC2313: Calculus 3 (teaching assistant, 3 sections).
- **Fall 2010**
  - MAC2512: Calculus 2 for AP Students (head teaching assistant, 2 sections).
- **Summer 2010**
  - MGF1106: Math for Liberal Arts Majors (lecturer and coordinator, 2 teaching assistants).
- **Spring 2010**
  - MAC2312: Calculus 2 (instructor).
- **Fall 2009**
  - MAC2512: Calculus 2 for AP Students (head teaching assistant, 2 sections).
- **Summer 2009**
  - MAC2311: Calculus 1 (instructor).
- **Spring 2009**
  - MAC2312: Calculus 2 (instructor).
- **Fall 2008**
  - MAC2512: Calculus 2 for AP Students (head teaching assistant, 2 sections).
- **Summer 2008**
  - MGF1107: Math for Liberal Arts Majors 2 (instructor, 1 section).
- **Spring 2008**
  - MGF1107: Math for Liberal Arts Majors 2 (instructor, 1 section).
- **Fall 2007**
  - MAC2311: Calculus 1 (teaching assistant, 3 sections).
- **Summer 2007**
  - MGF1106: Math for Liberal Arts Majors (teaching assistant, 2 sections).
- **Spring 2007**
  - MAC1147: Precalculus with Trigonometry (teaching assistant, three sections).
- **Fall 2006**
  - MAC1147: Precalculus with Trigonometry (teaching assistant, three sections).

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