

# Philip P. Bergonio

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*Curriculum Vitae*

## Education

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**Master of Arts in Mathematics**, University of Georgia, December 2007.

**Bachelor of Science in Mathematics**, Georgia Southwestern State University, August 1999

## Employment

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**Faculty: Instructor, University of Georgia** *August 2007 to Present*

Primary Instructor of record for Pre-Calculus, Differential Calculus, and Mathematical Decision Making.

Math 1060	Mathematical Decision Making	Summer '11 - Present
Math 1113	Pre-Calculus	Fall '07 – Present
Math 2200	Terminal Calculus	Fall '08 – Present
Math 2250	Calculus I For Science Majors	Summer '08 – Present

**Staff: Pre-Calculus Testing Coordinator, University of Georgia** *August 2008 to Present*

Responsible for scheduling and administering the exams for all sections of Pre-Calculus. The job also entails hiring and working with student proctors, interfacing with the Disability Resource Center of the University, as well as administering makeup exams on a person by person basis.

**WebWorK Coder** *May 2011 to December 2011*

Responsible for proofreading, coding, upgrading, and error checking the Math 2250 and Math 2260 WebWorK homework database for the University of Georgia on behalf of Pearson Higher Ed. This work was done in response to Thomas' University Calculus edition upgrade.

**Adjunct Instructor, Athens Technical College** *August 2007 to May 2008*

Was the primary instructor of record. Athens Technical operated under the quarter system during my employment. The starred classes below indicate that the class was taught at Athens Tech's Monroe, GA branch. The students I taught at that branch were high school college prep track students.

Math 191	College Algebra	Summer '07*, Fall '07 - Spring '08
Math 193	College Trigonometry	Fall '07*, Winter '08
Math 198	Elementary Statistics	Fall '07

**Graduate Assistant: Primary Instructor, Univ. of Georgia** *August 2004 to June 2007*

Responsible for creating and presenting class lectures. I wrote and graded my own quizzes for both Pre-Calculus and Calculus and I also wrote and graded my own homework tests, and finals for Calculus.

Math 1113	Pre-Calculus	Fall '04, Fall '05
Math 2200	Calculus I	Spring '06, Summer '06, '07

## **Computer Skills**

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Proficient in HTML. Good knowledge of WebAssign and WebWorK. Well versed in C++, Latex, Maple. Some experience with Gap, Geometer's Sketchpad, Java, Magma.

## **Research Experience**

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### **VIGRE , University of Georgia**

*2003 to 2005*

Member of the Algebra VIGRE Research group from Fall 2003 to Fall 2005. Our group published three papers as well as a software package. The group was led by Dr. Daniel Nakano. The publications were as follows:

- *Varieties for Nilpotent Matrices over Simple Lie Algebras I: Good Primes*, J. Algebra 280, (2004), 719-737.
- *Varieties for Nilpotent Matrices over Simple Lie Algebras II: Bad Primes*, J. Algebra 292, (2005), 65-99.
- *Support Varieties for Weyl Modules over Bad Primes*, J. Algebra 312, (2007), 602-633.

## **Department Service**

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### **Pre-Calculus Intensive Coordinator, University of Georgia**

*2015 – present*

In charge of creating supplemental content for at-risk Pre-Calculus students. This content is then propagated to our intensive classes and are ran by undergraduate assistants. I am also in charge of hiring and training these undergraduate TAs.

### **Hiring Committee, Academic Professional**

*January 2015 – April 2015*

As a member of a five member committee, my duties included reviewing resumes, and conducting online and in person interviews. I was then in charge of training our new academic professional for the Fall 2015 term.

### **Teaching Mentor**

*2015 – present*

I have served as a teaching mentor for four colleagues, and expect to mentor more in the future. Duties include class visitation, course management assistance, letter grade consultations, et c.

## **Awards and Seminars**

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### **Wiley Seminar: Where Faculty Connect**

*February 2009*

Sponsored by Wiley and Sons, I attended a faculty gathering of Pre-Calculus instructors nationwide. The Wiley publishers, as well as Dr. Sheldon Axler presided over the seminar, which was held in Las Vegas, NV.

### **VIGRE Assistantship**

*2003 to 2005*

Received VIGRE scholarship, which is funded by the NSF. I received this assistantship in Fall 2003, Spring 2004, Summer 2004, and Summer 2005.