

Sarah A. DiMaria

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“Go down deep enough into anything and you will find mathematics.”
- D. Schlicter

Career Objectives

To obtain a full time teaching position in a secondary mathematics, physics or other science position.

Education

- 2013-2014 **Grand Valley State University, Holland, MI**
- *Post graduate work - Masters program still undecided* GPA: 4.0
- 2012-2013 **Michigan State University, East Lansing, MI**
Secondary Teaching Certificate in:
- Mathematics, Physics, and Integrated Science GPA: 4.0
- 2007-2012 **Michigan State University College of Natural Science, East Lansing, MI**
- Bachelor of Science in Mathematics, Physics Minor, Interdisciplinary Studies Endorsement

Teaching Experience

Current **Math Teacher**

Manor New Technology High School, Manor, TX

- Teach: Geometry in a co-taught setting in an integrated geometry and introduction to engineering course in a fully project based, one-to-one technology building

2013-2014 **Math and Physics Teacher**

Holland New Tech High School, Holland, MI

- Teach: Algebra 2, Statistics, Physics and Astronomy in a fully project based, one-to-one technology building
- Digital Learning Liaison: in charge of all digital student learning and main contact between New Technology Network and students for pilot online project based class
- Wrote and was approved for a graphing calculator grant
- Created and implemented pacing guides for all four classes within the state standards
- Designed lessons, assignments, and summary tasks created in exploration and inquiry
- Used technology as a key instructional tool: incorporated various media, including video clips, internet for various examples (socrative, pictures, YouTube, educreations, etc) in order to bring in real world content to the classroom
- Brought in community members as presenters and audience members for students projects
- Applied alternative assessments (exit slips, warm ups, my favorite no, self evaluations), small group discussions, no-opt-out and think-pair-share
- Attended biweekly building wide meetings and monthly professional development seminars (Some topics included: SIOP, school improvement, D/E list, teacher evaluation, teacher collaboration) Speakers included: Will Robinson and Principal Kalefe
- Created and kept up a student centered achievement bulletin board
- Hosted tutoring before/after school and lunch review and help sessions
- Numerous parent contact through conferences, mail, email and in person contact
- Attended and participated in various school sports, clubs and events

2013

Long Term Substitute

Eisenhower High School, Utica, MI

- Algebra 2 and Pre-Calculus 2 month substitute position after student teaching.
- Continued all of the same duties as my Year-Long Teaching Internship (see below) in addition to taking on full responsibility for all classes

2012-2013 **Year-Long Teaching Internship**

Eisenhower High School, Utica, MI

- Created/implemented unit plans for Alg II and Pre-Calc within the districts' curriculum
- Designed lessons, assignments, and summary tasks created in exploration and inquiry
- Used technology as a key instructional tool and Incorporated various media (video, pictures, YouTube, educreations, etc), and ELMO to assist in classroom discussion as well as using the internet to bring in real world content to the classroom
- Implemented a lesson in a flipped classroom format
- Applied alternative assessments (exit slips, warm ups, my favorite no, self evaluations), small group discussions, think-pair-share, verbal testing in addition to assessing students with quizzes and district wide tests
- Attended monthly department/building wide meetings and PD seminars (Some topics included: teacher evaluation, bullying, collaboration)
- Created a student centered achievement bulletin board and used a variety of goal setting tools to motivate and encourage student progress
- Hosted tutoring after school and held review sessions for tests, ACT prep, and exams
- Numerous parent contact via conferences, phone, email and in person contact
- Attended and participated in various school sports, clubs and events

2007-2011 **College Classroom Placements**

Holt High School, Holt, MI

Dwight Rich Middle School, Eastern High School, Pattengill Middle School, Lansing, MI

- Assisted a Mentor Teacher in 10th grade algebra for four hours a week
- Duties included but were not limited to assisting students with the class/homework, leading class discussions, launching a task, closing a class, creating and implementing lesson plans, and collaboratively working with teachers to reflect on practice, working one on one with students
- Observed and assisted in a middle school mathematics classroom two hr/wk
- Tutored a diverse population of students with many different mathematical needs 2hrs/wk

Work Experience

2013

Long Term Substitute Teacher *Eisenhower High School, Shelby Township, MI*
Mathematics: Algebra 2 and Accelerated Pre-Calculus

2010-2012

Level 4 Research Aid *Michigan State University, East Lansing, MI*
Center for the Study of Curriculum and Institute for Research on Mathematics and Science
Education

2011-2013

Substitute Teacher
Professional Education Services Group, LLC

Volunteer

2010-Present **Proctor Holt Oral Mathematics Finals**

Holt High School *Holt, MI*

- Proctor for honors Algebra I & II oral finals
- Assess a series of students on their ability to communicate mathematical ideas while using visual aids to display mathematic mastery of material

Recent Professional Development

2014 **NCTM Houston Regional Conference**, Houston, TX

2014 **New Technology Network STEM Professional Development Online**

2014 **Meeting of the Minds** *New Tech Network, Niles, MI*

2014 **New Teacher Training** *Ottawa ISD, Holland, MI*

2013 **Communications by Design Technology Training** *Ottawa ISD, Ida, MI*

2013 **New Technology Network Annual Conference** *New Orleans, LA*

2013 **Meeting of the Minds and New Tech Math Workshop** *New Tech Network, Plymouth, IN*

2012 **Mathematics Technology Day** *Macomb ISD, Utica, MI*

- Keynote Speaker: Dan Meyer

2013 **Connected Mathematics 3 Users Conference** *East Lansing, MI*

2013 **I AM a Teacher Expo** *East Lansing, MI*

- Keynote Speaker: Bobbi Jo Kenyon (Michigan Teacher of the year)

Experiences

2014 **MSU Teacher Convocation Speaker** *East Lansing, MI*

2013 **Hope Research Participant** *Holland, MI*

2013-2014 **MSU Research Participant** *F. Harper, East Lansing, MI*

2013 **MSU Research Participant** *A. Zimmerman, East Lansing, MI*

2007-2011 **Michigan State University Crew Club** *East Lansing, MI*

- Four year varsity member

Honors and Awards

2014 **Knowles Science Teaching Foundation Fellowship**

- 1 of 33 recipients nationwide in 2014. 5 year teaching professional development support with concentration on content, pedagogy, and leadership.

2008 **Dean's List**

2008 **American Collegiate Rowing Association (ACRA) Athletic All American**

2005-2007 **National Honor Society**

References

Shawnda Garcia – Mentor Teacher

8th Grade Teacher
Holland New Tech
45 East 25th Street
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Work: (616) 494-2700
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Angelique Greer – Mentor Teacher

Mathematics Teacher
Eisenhower High School
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Paula DeRoos - Principal

Assistant Principal (HNT and VRT)
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Aaron Zimmerman – Professor of Teacher Education

Secondary Area Leader
Michigan State University
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Nanette Chesney – Principal

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Jean Buhler—Research Aid

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