



Megan E. Rosenbaum

S C I E N C E  
E D U C A T O R

Contact Information

Email: [fidlerme@gmail.com](mailto:fidlerme@gmail.com) or  
[rosenbaumm@slcs.us](mailto:rosenbaumm@slcs.us)



Megan E. Rosenbaum

fidlerme@gmail.com

### Objective

To obtain acceptance to Michigan State University Graduate Program

### Certification

Completion  
Summer 2010

### **Teaching Certification:**

Chemistry (DC) and Biology (DA)

### **Courses certified to teach in Michigan:**

Chemistry, Organic Chemistry, Physical Science, Biochemistry, Forensic Science, Biology, Ecology, Botany, Zoology, Human Anatomy and Physiology, Environmental Science, Life Science, Genetics, and Microbiology

### Education

August 2009-  
present

#### **Michigan State University**, East Lansing, MI

- Michigan Secondary Education Certification Program
- Michigan State University College of Education Graduate Program for Masters of Educational Technology

August 2005-  
May 2009

#### **Michigan State University**, East Lansing, MI

- Bachelors of Arts: Chemistry (major), Biology (minor)
- College of Natural Science, College of Education, Lyman Briggs College

August 2001-  
June 2005

#### **West Bloomfield High School**, West Bloomfield, MI

- Graduate *Cum Laude*

### Teaching Experience

August 2010-  
present

#### **South Lyon East High School**, South Lyon, MI

- General Chemistry, Analytical Chemistry and Biology teacher
- Sophomore Student Council Advisor
- Co-Director of Freshmen Mentor Program
- Member of various district Subject Area Committees and Professional Development cohorts

August 2009-  
April 2010

#### **Teaching Intern, Renaissance High School**, Detroit, MI

- Independently taught, planned for, and managed three sections of ninth grade Integrated Natural Science and an eleventh grade Advance Chemistry class
- Applied alternative informal and formal assessments
- Develop students' their critical thinking skills through laboratory investigations and inquiry activity cycles
- Utilized application based hands-on laboratory investigations based on material from Michigan Benchmarks
- Increased consistency across the department and school by working with fellow science department faculty
- Participated in a learning community with all faculty as a part of professional development programs



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August 2008-  
May 2009

***Student Teacher, Holt High School***, Holt, MI

- Created and executed unique lesson plans for a chemistry and a biology class
- Taught full 72-minute class periods
- Assisted with classroom and student management

January 2008-  
May 2008

***Hill Center: Lansing Alternative High School***, Lansing, MI

- Taught portions of planned lessons
- Tutored small groups of students in math grades 9-12
- Helped with classroom management
- Helped supervise an after-school writing program

**Work Experience**

August 2007-  
present

***Part-time Nanny and Chemistry Tutor***, West Bloomfield, MI

- Tutored 15-year-old student for Honors Chemistry class
- Maintained an organized, clean and efficient household, including supervising and caring for 3 children, caring for pets, plants and general needs of the home, during periods up to 1 week

January 2008- May  
2009

***Michigan State University***, East Lansing, MI

*Lyman Briggs College of Natural Science Lab Assistant*

- Assisted in classroom laboratory of 40 students in a Lyman Briggs College biology course
- Developed curriculum, evaluated assignments, instructed lessons, and administered evaluations

Summers 2003-  
2007

***Fresh Air Society, Tamarack Camps***, Ortonville, MI

- Supervised children aged 7-14 in an overnight camp program
- Designed, planned and implemented age appropriate activities
- Supervised a teen travel group on a six-week U.S. Western bus trip, including budgeting, logistics, programming and safety

Fall 2006

***Tutored -Undergraduate Calculus Course***, East Lansing, MI

- Created and implemented mini lessons to compliment the skills of students
- Reviewed quiz and exam material
- Designed example problems for students to use as practice

Academic school  
years 2002-2006

***West Bloomfield School District***, West Bloomfield, MI

*Head Student Technician*

- Implemented time management skills while supervising other employees
- Lead and organized a competitive acting company (MIFA), that won numerous awards at the regional and state levels
- Took a leadership role or stage management position in organizing performances



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## **Personal Strengths**

- Member of MSTA and SEMCTO
- Conversant in Spanish
- Travel Experience: Israel, Ecuador, Spain, Italy & France
- CPR (adult and child), First Aid and SOLO (wilderness emergency first aid) certified
- Ability to effectively communicate and work with people of all ages
- Energetic and self motivated employee who is an honest, reliable and trustworthy individual
- Creative and enthusiastic

## **Awards & Scholarships**

- Student Elected Teacher of the Year, 2012-2013
- Outstanding Learning Assistant Award (Biology) Spring 2009
- Hach Scientific Foundation Scholarship 2008, 2009
- Dean's List, 2006, 2007

## **References**

### **David Phillips, Ph.D.**

Principal  
South Lyon East High School  
philliphsd@slcs.us

### **Debra Lee**

Science Educator/Department Director  
South Lyon East High School  
leed@slcs.us

### **Linda Chudy-Bowman**

Assistant Principal  
South Lyon East High School  
bowmanl@slcs.us

### **Cynthia Bridges**

Science Teacher (mentor)  
Renaissance High School  
bridgessciteach@aol.com

### **Mrs. Rhonda Dean**

Employer for Nanny and Tutor Position  
michaelpad@comcast.net