

Paul J. Booth

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Education: Michigan State University B.S. Chemistry 5/99
University of North Carolina Teaching License 6/06
Michigan State University M.Ed. Expected Graduation Date 5/9/14

Certification: North Carolina Middle School Math 6/06
North Carolina Middle School Science 6/06
International Baccalaureate MYP Science 2/09
International Baccalaureate MYP Math 8/12

Teaching Experience:

Piedmont IB Middle School, Charlotte, North Carolina 8/08 to present

Middle School Mathematics and Science Teacher

- Teach multi-level, multi-language, multi-nationality classes
- Plan cross-cultural flex activities for all 6th grade
- Schedule grade-wide academic enrichment courses, including Interdisciplinary Units, novel studies, and implement the International Baccalaureate (IB) Program

International Baccalaureate (IB) Committee 8/09 to present

- Facilitated Charlotte Mecklenburg School's IB meeting, 2009
- Taught sessions on IB Rubrics at Charlotte Mecklenburg School's IB meeting, 2010
- Prepared Piedmont IB Middle School's IB recertification, 2012

Science Technology Engineering and Mathematics (STEM) Leader 4/11 to present

- Write 6th Grade Mathematics Curriculum for Charlotte Mecklenburg School (CMS)
- Teach Secondary STEM Institute for 400 math teachers
- Prepare CMS's math teachers for Common Core conversion

Science Olympiad Coach 10/10 to present

- Coach Science Olympiad Team which placed 2nd in State in 2011 and 1st in State in 2012
- Coach 2011 Tower Team taking 1st in State, 16th in Nation and Ornithology Team taking 8th in State, 45th in Nation
- Coach 2012 Tower Team taking 12th in State, 25th in Nation and Forestry Team taking 7th in State, 25th in Nation

Member of Piedmont Leadership Team 8/09 to present

- Conduct 6th grade parent conferences for students with behavioral/academic concerns
- Support administration in achieving the honors of National School to Watch, National Blue Ribbon School, and IB Reauthorization
- Meet weekly with Principal and Administration to address school-wide concerns
- Facilitate weekly Team meetings

Data Team 8/09 to present

- Completed Data Wise training
- Compiled school-wide math and language arts data and presented it to faculty
- Work with language arts teachers to create data-driven instruction

American International School in Egypt, Cairo, Egypt

Middle School Mathematics Teacher 8/06 to 6/08

Taught multi-level, multi-language, multi-nationality classes

- 7th Grade Team Leader
- Middle School Math Coordinator
- Developed and wrote the first-ever middle school mathematics curriculum
- Organized cross curriculum field trips to a desert oasis
- Member of the Faculty Advisory Committee

Chewing Middle School, Durham, North Carolina

Middle School Mathematics and Science Teacher 8/04 to 6/06

Taught the Connected Mathematics Program and the general Science program

- Collaborated with a teaching team to develop a middle school curriculum
- Organized and instructed a focused remediation class for at-risk students in preparation for end-of-grade examinations
- Coached softball and football

Discovery School, Tegucigalpa, Honduras, Central America

High School Science and Computer Teacher

8/02 to 6/03

Taught all levels of High School Science and Computers

- Created and implemented a school-wide science and computers curriculum
- Organized a pair of week-long conservation-based environmental field trips in protected regions of Honduras
- Designed and implemented a computer-based yearbook
- Organized the Discovery School science fair

American School of Niamey, Niger, Africa

Middle School Mathematics and Science Teacher

8/01 to 6/02

Implemented the Connected Mathematics Program and taught the general Science program

- Taught multi-age and multi-cultural classes
- Initiated and coordinated school-wide science fair
- Mentored correspondence students in advanced math and science
- Organized week-long, school-wide cultural immersion *Camp Hamdallaye* in a small bush village

United States Peace Corps, Bellande, Niger, Africa

Girls' Scholarship Volunteer

5/00 to 8/01

- Created and implemented the first annual Niger Gender and Development Girls' Scholarship Program
- Selected scholarship recipients and distributed resources
- Monitored all aspects of the program, the budget, and each recipient's progress
- Sustained ongoing projects which promoted girls' education such as an area-wide sewing machine education project and the planting of Vitamin A gardens

Team Leader of Boboye Region

8/00 to 8/01

- Organized and facilitated a ten person team
- Opened new volunteer villages making Team Boboye the largest team in the Zarma Area of Niger
- Represented Peace Corps to Governmental officials

Agriculture Volunteer

6/99 to 8/01

- Instructed village farmers fertilizer, gardening, and tree planting techniques
- Taught area school children how to plant Vitamin A gardens
- Taught children for every area of Niger at several Environmental Camps
- Trained new Volunteers regarding agricultural and natural resource management techniques
- Created and organized a Reconnect of country-wide Volunteers after they had been at their Posts for three months

Duke Molecular Biology Workshop

Teaching Assistant

1/04 to 8/04

Developed and implemented Molecular Biology techniques for multi-day workshops for Medical Doctors and Research Scientists

- Taught via the use of presentations in small and large group settings
- Edited and made additions to technical manuals to be used within the training
- Adapted a hands-on class for a satellite campus in another state

Languages:

English: Native

Zarma: Advanced

Spanish: Intermediate

French: Intermediate

Other Experience:

Michigan State University

Research Assistant for Dr. James Geiger

5/97 to 6/99 and 9/03 to 1/04

Greenhouse Technician for Thomas F. Wallace

4/94 to 5/97