

Zachary C. Blackwood
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EDUCATION

Purdue University	West Lafayette, Indiana
M. S. Ed. Mathematics and Physics Education	May 2011
Secondary Teaching Licensure, Mathematics and Physics	August 2010
B. S. Mathematics and Physics	May 2009

AWARDS

Woodrow Wilson Indiana Teachers Fellow (May 2009-present)
Spira Undergraduate Summer Research Award (May-August 2007)
Purdue University Academic Success Award (August 2005-May 2008)

TEACHING EXPERIENCE

Student Teaching, Frontier Jr./Sr. High School, Chalmers, IN. Taught Math 7 and 8, Algebra II, Pre-Calculus and Physics (February-May 2009)

Observations, North Montgomery High School, Crawfordsville, IN. (August 2009-December 2009)

Mathematics tutor of college-level Algebra, Trigonometry and Calculus. Enabled significant improvement in basic and advanced mathematical skills. (August 2008-May 2009)

Camp counselor at White Lake Covenanter Camp, New York. Developed curriculum with team of 8 other counselors, taught daily lessons to 30 children, aged 7-12, and carried out disciplinary policies. (August, 2007; August, 2009)

Various teaching and leadership positions, including **camp counselor** and **organizer** at children's camps in Australia, Cyprus, India and the U.S., with children aged 8-18. (Summers, 2006-2009)

RESEARCH EXPERIENCE

Mathematics Education Research, Purdue University Education Department. Used textbook advertisements as a lens through which to study trends in Mathematics Education throughout the 20th century (August-December 2009)

Physics Research, Purdue University Physics Department. Constructed several high-performance voltage and current amplifiers and explored the basic physics of low-dimensional electrical systems. (May 2007-August 2008).

SOFTWARE PROGRAMMING SKILLS

Experience with C, C++, HTML, PHP, Java and MySQL

PROFESSIONAL AFFILIATIONS

Hoosier Association of Science Teachers, Inc. (HASTI), 2010-present
National Council of Teachers of Mathematics (NCTM), 2009-present
Indiana Council of Teachers of Mathematics (ICTM), 2009-present