

WALLACE H. CAROTHERS

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EDUCATION

The University of Iowa, Iowa City, IA

May 2013

- Teacher Certification in Secondary Mathematics Education (5-12)
- Coaching Authorization (K-12)
- Bachelor of Science, Mathematics
- Minor: Statistics
- GPA: 4.0/4.0, Summa Cum Laude, Honors in Mathematics

TEACHING EXPERIENCE

Student Teaching, 9th-12th Grade

January 2013-May 2013

West Branch High School, West Branch, IA

- Lead taught Algebra II, Functions, Statistics, and Geometry classes
- Developed unit plans for multiple mathematical lessons, including sequences and series, matrices, and measurements of 3-dimensional objects utilizing student laptops provided by West Branch's 1:1 program
- Observed the development of a standards-referenced grading plan and studied *Practical Solutions for Serious Problems in Standards-Based Grading* (Guskey) to gain knowledge on preventing issues in transitioning to a new grading philosophy
- Facilitated service projects and weekly meetings of National Honor Society

Practicum Seminar, 7th Grade

March 2012-May 2012

North Central Junior High, North Liberty, IA

- Used real-life situations such as buying a car to explain the concept of interest during a lesson on budgeting money and loans
- Evaluated homework assignments and quizzes using a rubric created by the cooperating teacher
- Supervised the classroom during teacher absences to gain classroom management experience

Practicum Seminar, 9th Grade

February 2012-March 2012

Solon High School, Solon, IA

- Integrated SMARTBoard technology into the classroom during an interactive lesson on decimal division
- Contributed ideas in meetings with cooperating teacher to differentiate instruction for 4 students with Individualized Education Plans and 3 English Language Learners
- Conducted individual tutoring sessions with students who struggled with basic algebraic concepts

RELEVANT EXPERIENCE

Mathematics Tutor

September 2011-December 2012

University of Iowa Hospitals and Clinics, Iowa City, IA

- Assisted students in the Pediatric Oncology Unit, Dialysis Unit, and Adolescent Psychiatric Unit who missed school for extended periods of time with math lessons
- Established friendly and professional relationships with patients and staff to build connections of trust and encouragement
- Motivated students to focus on academics during very difficult times

REACH Program Mentor

August 2011-December 2011

College of Education, The University of Iowa, Iowa City, IA

- Provided guidance with homework assignments to college students with intellectual, cognitive, and learning disabilities two times a week
- Practiced social skills with students such as personal greetings, remembering names, and learning about the interests of others
- Utilized assistive technology such as speech synthesizer for a student with a hearing disability

PROFESSIONAL DEVELOPMENT

Teacher Leader Certificate

December 2012

College of Education, The University of Iowa, Iowa City, IA

Boot Camps:

- Community: First Year Teacher
- Assessment: Google Docs
- Technology: SMARTBoard 101

Workshops:

- Lunch Bytes: Twitter for Teachers
- iPad Math Apps
- Adolescent Literature and Bullying
- Understanding Autism

Service:

- 40 hours completed through the REACH Program in the College of Education at The University of Iowa during the fall of 2011

COACHING EXPERIENCE

Volunteer Assistant Coach, 9th Grade Boys Basketball

January 2013-February 2013

Iowa City High School, Iowa City, IA

- Coached players and helped run drills during practices
- Encouraged players during games and assisted with substitutions, strategy, and keeping statistics
- Provided constructive feedback to students after games to improve their athletic skills and teamwork

Soccer Instructor

July 2010, 2011

Cary Grove High School, Cary, IL

- Led children ages 6-13 through soccer drills during a week-long summer soccer camp
- Partnered older children with younger children to serve as mentors and promote teamwork
- Worked cooperatively with a staff of 15 instructors to organize drills and social activities for the campers

HONORS AND AWARDS

Dean's List

8 consecutive semesters, December 2009-May 2013

President's List

May 2010, 2011, 2012, 2013

Honors Program

August 2009-May 2013

Dean's Award of Excellence

Awarded April 2012

Phi Beta Kappa honors fraternity

Inducted April 2012