

Patrick M. Springer

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CERTIFICATION

State of Michigan

Secondary Education

April 2004

Major: Biology (DA)

Minor: Science (DX)

Madonna University, Livonia MI

EDUCATION

Michigan State University

August 2013

Master of Arts in Educational Technology

East Lansing, MI

Madonna University

May 2004

Secondary Education Teaching Certificate

Livonia, MI

Adrian College

December 1999

BA Environmental Science

Minor: Chemistry

Adrian, MI

TEACHING EXPERIENCE

Corunna High School, Corunna MI

August 2006 – Present: AP Biology, Honors Biology, Biology, Physical Science (Subjects in Science), Topics in Biology I & II (Science Electives), & College Prep Physics

- Responsible for the daily learning of students by incorporating activities that apply to the multiple intelligences in an 83 minute block schedule. Improved classroom management skills and developed meaningful, engaging lessons in which students were actively engaged. Lessons were tailored to align with Michigan High School Content Expectations and utilized cooperative learning and various forms of technology.
- Assisted in the ongoing development of the science curriculum and selection of textbooks. Participated in Individualized Educational Plan (IEP's) meetings for special education students. Team-taught several sections of Physical Science with a wide range of student abilities. Served on the Seminar Committee and worked towards improving the curriculum.

Shrine Catholic High School & Academy, Royal Oak MI

August 2005 – June 2006: High School Biology Teacher

February 2004 – June 2006: 8th Grade Science Teacher

- Utilized multiple teaching strategies and tools to appeal to all of the multiple intelligences. Created a learning environment where students felt secure to express ideas and learning approaches without fear of criticism or negative feedback from instructors or peers. Organized time, space, and resources to create efficient, meaningful lesson plans. Created, administered, and corrected various performance assessments.
- Served on the school improvement team that strived to create solutions to ensure the school's accreditation with Michigan Association of Non-public Schools (MANS). Served as student council moderator for the Academy.

CLASSROOM EXPERIENCE

Shrine Catholic High School, August – December 2003 (Chemistry)

- Completed 15 weeks of student teaching in a high school chemistry classroom. Responsibilities included development and execution of daily lesson plans and performance assessments. Incorporated both individual and collaborative instructional activities. Relationships with the staff, students, and parents were established as part of classroom management, especially through open lines of communication. Attended whole staff and departmental meetings, as well as professional development meetings and workshops.

Garden City High School, 30-hour Observation (Special Education Biology)

- Gained experience in short term planning, teaching lessons, and using various instructional methods. Provided assistance to students by guiding learning with laboratory experiments. Assigned and evaluated homework assignments.

Plymouth Canton High School, 30-hour Observation (AP Biology and Earth Science)

- Observed teaching strategies that included classroom management, motivation, and peer learned. Assisted in the teaching of lessons and laboratory experiments. Evaluated tests and other homework assignments.

St. Damian Catholic School, 30-hour Observation (Grades 6-8, General Ed.)

- Participated in the daily operations of school environment. Taught math lessons to 6th and 7th grade class. Worked with students one-on-one as well as in groups.

PROFESSIONAL DEVELOPMENT EXPERIENCE

Biology: New Innovative Strategies for Accelerating Student Achievement and Motivation, Institute for Educational Development, Livonia, MI (2006)

Michigan Science Teachers Association Conference, Detroit and Lansing (2005 & 2007)

Differentiated Instruction Workshop, Madison Heights, MI (2005)

Southeast Michigan Handheld Computer Conference (SEM-HHCC), Farmington, MI (2004)

Various workshops for Microsoft PowerPoint, GradeQuick, Pinnacle, PowerSchool, Vernier, and SmartBoard technologies

COACHING EXPERIENCE

Corunna High School

2007 – 2011: Boys Varsity Head Coach

2006: Boys Junior Varsity

Shrine Catholic High School

2005 – 2006 Girls Varsity Assistant

2003 – 2006 Co-Head Coach Boys Junior Varsity & Varsity Assistant

Basketball Coach for Central Michigan University and Oakland University summer camps

Onsted Middle School: 8th Grade Girls Basketball Coach

Basketball Referee, American Youth Basketball Tour

Adrian College Men's Basketball Youth Clinics

WORK EXPERIENCE**Environmental Scientist, Shaw Environmental & Infrastructure, Livonia, MI**

January 2001 to July 2003

- Performed various environmental monitoring and sampling of water, soil, and air.
- Advised clients on environmental issues to ensure compliance with state regulations.
- Wrote formal reports detailing monitoring and sampling results.
- Investigated job sites for both previous and potential environmental problems and concerns.

Field Technician, Shaw Environmental & Infrastructure, Livonia, MI

February 2000 to January 2001

- Coordinated day-to-day operations and maintenance of three landfill gas collection systems.
- Performed maintenance on gas collection equipment.
- Ensured that gas systems were in compliance with state regulations.
- Collected and analyzed data from gas extraction wells to attain the highest quality of gas.

ACTIVITIES/HONORS

Dean's List- Madonna University & Adrian College

Golden Gavel Chapter of Mortar Board at Adrian College

Varsity Basketball, Adrian College- 1999 Pride Hustle Desire Award