

## **Cristine Fisher**

799 Topview Drive, Otsego, MI 49078

(269)720-9588

Cristine.fisher@gmail.com

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### **OBJECTIVE**

To obtain a physics, mathematics or chemistry teaching position where I can use my leadership skills to create a student centered environment that encourages independent thinking and learning, and fosters a spirit of discovery.

### **EDUCATION**

**Master of Arts in Education**, expected April 2012 GPA: 3.93  
Michigan State University  
Science and Mathematics Education Concentration

**Teacher Education Certification Program**, December 2005 GPA: 3.83  
Western Michigan University, Kalamazoo, Michigan  
Major: Mathematics      Minors: Physics, Chemistry

**Bachelor of Science in Engineering**, April 1993 GPA: 3.36  
Western Michigan University, Kalamazoo, Michigan  
Major: Pulp and Paper Engineering      Minor: Mathematics

#### ***Michigan Professional Secondary Certificate:***

7 – 12 Mathematics (EX endorsement); 7 – 12 Chemistry (DC endorsement); 7 – 12  
Physics (DE endorsement)

### **EXPERIENCE**

#### **Allegan High School, Allegan, MI**

Teacher, February 2006 - present

Taught mathematics, physics and physical science (chemistry) classes using technology, hands-on projects and laboratory experiments that encouraged student investigation and increased student involvement in the learning process. Provided differentiated instruction to a wide variety of learners with various learning styles. Used both formative and summative assessment to evaluate student understanding. Through relationships with parents and students, facilitated a positive learning environment with high expectations for all students

#### **Kalamazoo Central High School, Kalamazoo, MI**

Intern Teacher, August – December 2005

Designed and taught student-centered, interactive lessons for geometry and math modeling classes using instructional technology and hands-on learning activities to increase student motivation and encourage higher-level thinking. Assessed student learning using formal

and informal assessments. Established and maintained positive relationships with students, parents, and colleagues, fostering an environment of open communication and support.

**Mattawan Middle School, Mattawan, MI**

Pre-Intern Teacher, August – December 2004

Prepared lessons and instructed pre-Algebra and Algebra students in a middle school setting. Provided small group instruction as well as one-on-one attention to students who needed additional assistance.

**OTHER PROFESSIONAL EXPERIENCE**

**Menasha Packaging Company, Otsego, MI**

Process Engineer, April 1996 - June 2003

Provided process engineering support to the Paper Machine Production Department including daily troubleshooting and problem solving, trial planning and implementation, operator training, and crew supervision on a fill-in basis. Supervised process and product quality testing labs.

**AVCA Corporation, Battle Creek, MI**

Engineer, Mechanical Department, January 1995 - April 1996

Completed projects on time and under budget for clients of an engineering consulting firm. Developed and maintained work plans and schedules, managed project budgets, tracked equipment purchases and deliveries, and supervised construction at client facilities.

**Kimberly-Clark Corporation, New Milford, CT**

Process Engineer, April 1993 - January 1995

Provided process engineering support for a multimillion-dollar tissue machine. Conducted daily troubleshooting, shutdown planning, capital project design and implementation, operator training and safety performance tracking.

**HONORS AND ACTIVITIES**

Western Michigan University Deans List, Fall 1992 - Spring 1993; Fall 2003 –Fall 2005

STEM Fellowship with Western Michigan University – Fall 2005 – Summer 2006

Phi Sigma Theta National Honor Society, 2004 – 2006

Pi Mu Epsilon National Honorary Mathematics Society, 2003 - 2006

National Council of Teachers of Mathematics, 2003 – present

American Association of Physics Teachers, 2006 - present

**COMPUTER/TECHNOLOGY SKILLS**

Proficient in Microsoft Word, Excel, Access, Office Outlook, Internet Explorer and PowerPoint; grading software; Texas Instruments graphing calculators and Navigator software; Geometer's Sketchpad; Geogebra; digital projector; document camera; smart board.