

# VINCENT F. FIORE

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**Objective:**

To obtain a Ph.D. in the field of Biomedical Engineering.

**Education:**

B.S. in Bioengineering, May 2008  
The Pennsylvania State University, University Park, PA  
GPA 3.45/4.00

**Relevant Courses**

Electricity and Magnetism	Statics/Strength of Materials	Molecular and Cellular Biology
Polymer Science	Organic Chemistry	Differential Equations
Solid/Fluid/Biomechanics	Thermodynamics	Systems and Signal Analysis

**Experience:****Quality Control Intern**

NanoHorizons, State College, PA  
May 2007 to present

- Worked with silver nanoparticle-containing polymers used to produce antimicrobial textile products
- Analyzed textiles and raw polymers for silver content using atomic absorption spectrophotometry
- Performed microbial testing on textile samples for bactericidal effectiveness

**Researcher in Material Science Laboratory**

The Pennsylvania State University, University Park, PA  
May 2006 to January 2007

- Made silane surfaces on silicon wafers through chemical reactions and solution chemistry
- Measured the wetting of surfaces using a goniometer
- Studied protein adsorption on silane surfaces through surface energy via contact angle measurements

**Information Technology Assistant**

Affinity Connection, State College, PA  
June 2005 to present

- Crosschecked system database with current and relevant data
- Assisted with mailings to fraternities and sororities for fundraising and billing; organized incoming pledges
- Created and updated web pages for clients

**Computer Skills:**

Auto CAD	Microsoft Office	COMSOL Multiphysics
Matlab	Presentation Software	

**Activities:**

- Eagle Scout Award- Boy Scouts of America, January 13, 2004 (Held various leadership positions)
- Four year member of the State College High School Soccer Team- Two year varsity starter and District Champion, August 1999 to December 2003
- Percussionist in symphonic and jazz ensembles throughout high school, September 1999 to May 2004
- Drummer for the Penn State jazz big band "Outer Dimensions", January 2004 to May 2005

**References:**

Available upon request