

Campus Address
401 Oakwood Avenue Building 1
State College, PA 16801
(703) 795-0902

Permanent Address
20526 Quarterpath Trace Circle
Potomac Falls, VA 20165
(703) 421-0045

Kristiana N. McMunn

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OBJECTIVE Seeking a full time entry level position as a HVAC Design Engineer beginning summer 2013.

EDUCATION **B.A.E./M.A.E. in Architectural Engineering, Mechanical Option**
The Pennsylvania State University, University Park, PA GPA 3.46/4.00
Anticipated Graduation, May 2013

Relevant Courses

Study Abroad, Sede di Roma, Rome, Italy HVAC Control Systems
Fundamentals of Heating, Ventilating, and Air Conditioning Heat Transfer
Engineering Mechanics- Statics, Strength, Dynamics Centralized Heating Systems

Relevant Design Software

Autodesk Revit MEP AutoCAD TRANE Trace SolidWorks STAAD MATLAB

EXPERIENCE **Bard, Rao + Athanas Watertown, MA Summer '12**
Intern

- Coordinated and modeled HVAC systems for critical spaces including BSL2+ Laboratories.
- Designed and proposed distribution layouts for both ductwork and piping systems.
- Conducted a benchmark study of three existing buildings to compare energy loads relative to specific use spaces.

R. G. Vanderweil Engineers Alexandria, VA Summer '11, Winter Break '11/'12
Intern

- Redesigned the air-conditioning system for an existing tenant fit-out.
- Reviewed and updated designs for both floor and ceiling based HVAC systems for eight buildings.
- Leveraged AutoCAD and Revit programs to support designs of risers systems, ductwork layouts, diffuser and return layout.
- Evaluated heating, cooling, and ventilation loads using TRANE Trace analysis software.

LEADERSHIP / ACTIVITIES Secretary, Penn State Spanish Club 2010, 2012
President, Penn State Spanish Club 2011
Icebreaker Chair, THON Donor and Alumni Relations Committee 2010-2011
Outfitting Chair, THON Rules and Regulations Committee 2009-2010
Instructor, Tussey Mountain Snowboard Schools and Penn State Kinesiology Classes 2009, 2012
Member, Penn State ASHRAE Chapter 2011-2012
Member, Student Society of Architectural Engineers (SSAE) 2009-2012
Member, Penn State Sailing Club 2009-2012
Member, Society of Women Engineers 2008-2012
National Member of ASHRAE 2011-2012

