

# Lauren Elizabeth Wilke

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Education:	<b>Integrated Bachelor of Architectural Engineering/Master of Architectural Engineering (IP) Structural Option</b> The Pennsylvania State University University Park, PA ABET accredited Current GPA: 3.14 / 4.0 <b>Graduation: May 2007</b>	<b>Study Abroad Program</b> University of Leeds Leeds, England, UK Fall Semester 2005 Dean's List Fall 2006 <b>FE/EIT Passed Spring 2006</b>
Specialized Coursework:	Historic Preservation Building Failures Earthquake Engineering Indeterminate Structures Plastic Analysis Architectural Acoustics	Masonic Design Steel Connection Design Foundation and Soils Design Advanced Steel Design Advanced Timber Design Advanced Reinforced Concrete Design
Computer Experience:	AutoCAD 2000, 2002, 2004, 2005, 2006 AccuCAD v 10.0e, SoftPlan v 10.0 Micro Station J Architectural Desktop 2004	MathCAD 11, 12 Lateral3, ShearWal, Bcan, Enercalc Presto, Risa 3D, VisRend, RAM Microsoft Word, Excel, PowerPoint and Outlook
Relevant Employment:	<b>Paragon Structural Design, Inc. Phoenix AZ</b> Beginning July 2007 <ul style="list-style-type: none"><li>Act as an Engineer-in-Training in structural building design while working towards the requirements of becoming a Professional Engineer.</li></ul> <b>C.S. Davidson, Inc. York, PA</b> Summer 2006 <ul style="list-style-type: none"><li>Performed load analysis and design calculations for existing buildings and new construction.</li><li>Completed site investigation of existing conditions in historic buildings and bridges.</li><li>Checked shop drawings.</li></ul> <b>High Concrete Structures, Inc. Denver, PA</b> Summer 2005, Dec.-Jan. '06 <ul style="list-style-type: none"><li>Performed structural, seismic, connection, and drainage analyses for current and bid projects.</li><li>Designed structural, reinforced concrete members for use in buildings up to 13 stories.</li><li>Compiled and Managed data pertinent to scheduling, billing, record keeping, and future designs.</li></ul> <b>Forest Homes of Lancaster, Selinsgrove, PA</b> Summer 2004 <ul style="list-style-type: none"><li>Compiled and Processed data for over 1600 residential models ranging from approximately 1000 sq ft to over 3500 sq ft.</li></ul> <b>Rudy Art Glass Studio. Philadelphia Street, York, PA</b> June 2000-August 2002 <ul style="list-style-type: none"><li>Designed and Fabricated both structural and decorative glass installations.</li><li>Completed projects including clients such as Neiman Marcus, Burger King World Headquarters, and the Clearfield Center.</li></ul>	
Honors, Awards:	<b>Penn State General Trustee Scholarship</b> <b>Beavan Clifford Memorial Scholarship</b> <b>H. Melvin Peters Endowed Scholarship</b> Honor Council Representative for AE 309	<b>Dollars for Scholars Scholarship</b> <b>Schoenfeld Henry Scholarship in Engineering</b> Dean's List Fall 2006
Activities:	<b>Student Society of Architectural Engineers:</b> 2006-2007 Vice-President, 2005-2007 THON Chair, 2006-2007 THON Adopt-A-Family Chair <b>Penn State IFC/Panhellenic Dance Marathon:</b> THON 2007 Dancer, Fundraising Volunteer <b>Center for Sustainability:</b> Solar Decathlon Design Competition, Volunteer <b>National Kidney Found. of the Delaware Valley:</b> Volunteer	<b>Penn State Structural Engineers Association:</b> 2006-2007 Philanthropy Chair, 2006-2007 THON Chair <b>Architectural Engineering Institute:</b> Student Conference Committee <b>Penn State Crew Team:</b> 2002-2005 Member, Varsity Rower <b>March of Dimes of York County:</b> Volunteer