

# Dustin T. Mix, E.I.

Phone: 231.598.0436 • E-Mail: dmix07@gmail.com

## Objective

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To use my engineering background to develop and implement innovative and dignified tools for fighting extreme poverty.

## Education

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**University of Notre Dame** Notre Dame, IN **May 2010 – Present**  
Master of Science in Civil Engineering (*Expected August 2013*)  
GPA 3.78/4.0

**University of Notre Dame** Notre Dame, IN **August 2006 – May 2010**  
Bachelor of Science in Civil Engineering, Structures Concentration  
GPA 3.35/4.0

## Experience

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**Engineering2Empower** Notre Dame, IN **September 2011 – Present**  
*Founding Member*

A team of faculty and students at the University of Notre Dame committed to developing innovative technologies and processes to offer lasting housing solutions for Haiti, that can similarly serve the 1 in 7 worldwide living in substandard urban housing. ([www.engineering2empower.org](http://www.engineering2empower.org))

**Michigan Department of Transportation** Cadillac, MI **May – August 2009**  
*Civil Engineering Student Co-Op*

- Inspection duties, including In-Place Nuclear Density, asphalt paving inspection, and general project inspection of civil work
- Performed construction surveying, including staking and layout
- Assisted with pay items, removal and replacement of underground civil structures, and curb and gutter layout and install

**Bay Harbor Company** Petoskey, MI **June – August 2008**  
*Intern, Construction/Project Management*

- Performed tasks such as drafting, product research, and design
- Oversaw and observed the process of custom residential construction and resort facilities management
- Assisted in review of preliminary design, cost forecasting, bidding, and feasibility studies of future projects

## Professional Distinctions and Activities

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**Engineering Intern License** State of Indiana **April 2011**

**Earthquake Engineering Research Institute** Student Member **May 2010 – Present**

**American Society of Civil Engineers** Student Member **August 2008 – Present**

## Awards and Competitions

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**Outstanding Graduate Student Teacher Award for Excellence in Teaching** **March 2012**  
Kaneb Center for Teaching and Learning, University of Notre Dame

**2011/2012 McCloskey Business Plan Competition Team: 2<sup>nd</sup> Round Qualifiers** **December 2011**  
Gigot Center for Entrepreneurial Studies at Mendoza College of Business, University of Notre Dame

**2010 PCI Engineering Student Design Competition Team: 1<sup>st</sup> Place Zone 4; 6<sup>th</sup> Place Nationally** **July 2010**  
Educational Activities Council, Precast/Prestressed Concrete Institute

## Publications

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Kijewski-Correa, T., Taflanidis, A. A., **Mix, D.** and Kavanagh, R. (2012) "An Empowerment Model for Sustainable Residential Reconstruction in Léogâne, Haiti, After the January 2010 Earthquake," *Leadership and Management in Engineering*, **In press**.

Kijewski-Correa, T., Taflanidis, A. A., **Mix, D.** and Kavanagh, R. (2012) "The 2010 Haiti Earthquake: Seismic Vulnerability and an Empowering Model for Residential Housing Reconstruction," 2012 EERI Annual Meeting and National Earthquake Conference, Memphis, TN. April 10-13, 2012.

**Mix, D.**, Kijewski-Correa, T. and Taflanidis, A. A. (2011) "Assessment of Residential Housing in Léogâne, Haiti After the January 2010 Earthquake and Identification of Needs of Rebuilding," *Earthquake Spectra*, 27 (S1): S299.

Kijewski-Correa, T.; Taflanidis, A. A., **Mix, D.** and Kavanagh, R. (2011) "Rebuild Léogâne: Community Planning Workshop Report (March 15-18), Ch. 4: Housing," Notre Dame Haiti Program, Notre Dame, IN.

Kijewski-Correa, T.; Taflanidis, A. A., **Mix, D.** (2010) "Residential Housing in Léogâne: Post-Quake Damage Assessment and Perspectives on Sustainable Rebuilding," NSF/EERI Haiti RAPID and Research Needs Workshop, Arlington, VA. Sep. 30-Oct. 1, 2010.