

Kimberlee (Marcellus) Zamora, Ph.D., LEED AP BD+C
4001 Berry Avenue, Drexel Hill, PA 19026

<http://kimzamora.com/>
<http://kimberleea.blogspot.com/>

Education, Awarded Degrees:

Drexel University, Philadelphia, PA	Civil Engineering	PHD	2015
Drexel University, Philadelphia, PA	Civil Engineering	MSCE	2007
Drexel University, Philadelphia, PA	Civil Engineering	BSC	1998

Appointments

Assistant Professor, Thomas Jefferson University, Philadelphia, PA	8/20 - Current
Visiting Assistant Professor, Thomas Jefferson University, Philadelphia, PA	8/19 – 8/20
Senior Project Manager, Torcon Inc. Philadelphia, PA	6/18 – 6/19
Owner, Kimberlee Zamora Consulting	1/16 – Current
Senior Project Manager, WS Cumby, Springfield, PA	11/16 – 1/18
Research Assistant, NewBio Grant	9/13 – 9/15
Drexel University Freshman Engineering Design Fellow	9/13 – 4/14
Researcher, NSF EAPSI Fellowship - Japan	6/12 – 8/12
Drexel University Freshman Engineering Design Fellow	9/11 – 6/12
Graduate Teaching & Research Assistant, Drexel University	9/10 – 12/15
Senior Development Manager, Philadelphia Housing Authority, Philadelphia, PA	5/10 – 9/10
Project Manager, The Norwood Company, Malvern, PA	4/00 – 4/10
Project Engineer, Bovis Lend Lease, Princeton, NJ	7/98 – 4/00

Synergistic Activities

Member, Professional Women in Construction Member,
Green Building United (Delaware Valley Green Building Council)
Past Member, Educational Programs Committee, DVGBC
Past Co-Chair, Volunteer Committee, Chair Volunteer Recruitment Sub-committee, USGBC
Greenbuild Conference 2013

Select Honors and Awards

Steven E. Giegerich Memorial Scholarship, 2014
The Kling Lindquist Partnership Engineering Fellowship, 2012, 2013
Engineering Design Education Fellowship, Drexel University, 2011, 2013
NSF EAPSI, JSPS Fellowship, 2012
Drexel University Travel Award 2012
Drexel University International Travel Award 2012
Best Presentation Award, Drexel University Engineering Graduate Research Symposium, 2012

Recent Training Activities

Engaged in credentialing maintenance program for current LEED AP BD+C status

- GBCA Technology Expo, Philadelphia, PA 2019
- GreenBuild Conference, Toronto, CA 2011, Philadelphia, PA 2013

- DVGBC Sustainability Symposium (Formerly Best of GreenBuild Workshop) Philadelphia, PA 2009, 2010, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020

Collaborators and Other Affiliations:

Graduate Advisors – Dr. Sabrina Spatari and Dr. Patricia Gallagher

Undergraduate, Master’s Advisor, Doctoral Thesis Committee Member – Dr. Joseph P. Martin

Journal Papers

Marcellus-Zamora, K.A., Gallagher, P.M., Spatari, S., Tanikawa, H. *Estimating materials stocked by land use type in historic urban buildings using spatio-temporal analytical tools*. Journal of Industrial Ecology. 2015.

Marcellus-Zamora, K.A., Gallagher, P.M., Spatari, S. *Can Public Construction and Demolition Data Describe Trends in Building Material Recycling? Observations from Philadelphia* Frontiers in the Built Environment. 2020

Conference Papers

IEEE-ISSST 2012, Boston, MA. May 16-18, 2012. Marcellus, K.A., Spatari, S., Gallagher, P.M. *Construction Waste Management Decision Making Process: Identification, Framework and Detailed Urban C&D Waste Profile Analysis*. 2012.

IALCCE 2012, Vienna Austria. October 3-6, 2012. Marcellus, K.A., Spatari, S., Gallagher, P.M. *Utilizing GIS as a geospatial tool to inventory LEED Certified Buildings and Construction and Demolition (C&D) Waste Flows in the United States*. 2012.

Conference Presentations

IEEE-ISSST 2012, Boston, MA. May 16-18, 2012. Marcellus, K.A., Spatari, S., Gallagher, P.M. *Construction Waste Management Decision Making Process: Identification, Framework and Detailed Urban C&D Waste Profile Analysis*. Speaker 2012.

Drexel Engineering Graduate Research Symposium, Philadelphia, PA. May 24, 2012. Presenter: Kimberlee Marcellus, LEED AP BD+C. Contributors: Sabrina Spatari, Patricia M Gallagher. *Construction Waste Management Decision Making Process: Identification, Framework and Detailed Urban C&D Waste Profile Analysis*.

IALCCE 2012, Vienna Austria. October 3-6, 2012. Marcellus, K.A., Spatari, S., Gallagher, P.M. *Utilizing GIS as a geospatial tool to inventory LEED Certified Buildings and Construction and Demolition (C&D) Waste Flows in the United States*. Speaker 2012.

Drexel Graduate Student Association, Books and Bagels. Philadelphia, PA. November 30, 2012. Marcellus, K.A. *Understanding Construction and Demolition (C&D) Waste Decisions and Distribution in Urban Environments*. Speaker 2012.

GEORISK 2011, Atlanta, GA. June 28, 2011. Life Cycle Approaches for Brownfields Redevelopment.

Presenter Patricia Gallagher, Ph.D., P.E. Contributors: Sabrina Spatari, Ph.D. Kimberlee Marcellus, LEED AP, BD+C Civil, Architectural, and Environmental Engineering. Drexel University

Doctoral Thesis

Marcellus-Zamora, K.A. *An Evaluation of Material Stocks and Flows Found during Construction and Demolition Activities in the Philadelphia Region of the United States*. Drexel University. 2015.

Research Collaborations

Catalyzing New International Collaborations Planning Visit, Doctoral Student participant, NSF grant # 1132960 NewBio, Research Assistant, USDA, NFA Agriculture and Food Research Initiative Competitive Grant No. 2012-68005-19703 from the USDANational Institute of Food and Agriculture East Asia Pacific Summer Institute (EAPSI) National Science Foundation under Grant No. 1132960 and OISE-1209501 and JSPS SP12039

Poster Presentations

NEWBio Annual Meeting 2013, 2014
JSPS Multidisciplinary Science
Forum, March 2014 JSPS June
2012
Drexel University Research Day 2012, 2013

Journal Article Reviewer

Journal of Industrial Ecology, 2014, 2015, 2016, 2018
IEEE Systems Infrastructure, 2015, 2019

Academic Service

Faculty Internship Advisor – Thomas Jefferson University, Philadelphia, PA 2019 - Present
Undergraduate Advisor – Thomas Jefferson University, Philadelphia, PA 2019 - Present
Faculty Advisor, Jefferson Society of Construction Managers – Thomas Jefferson University, Philadelphia, PA 2019 - Present
Board Member – Drexel Graduate Women in Engineering, Philadelphia, PA 2009,2010
Member of REU Panel – Women in Engineering – Drexel University, Philadelphia, PA July 28, 2011