

AMY A. KIM

Curriculum Vitae

Civil and Environmental Engineering
133B More Hall
Box 352700
Seattle, WA 98195

Phone: (206) 685-0228
Fax: (206) 543-1543
Email: amyakim@uw.edu

EDUCATIONAL HISTORY

Texas A&M University (TAMU), College Station, Texas

PhD, Civil Engineering

May 2014

Dissertation: *A Comparative Analysis of Predicting Energy Savings from Energy Service Projects*

Illinois Institute of Technology (IIT), Chicago, Illinois

Master of Science, Civil Engineering

December 2008

Thesis: *Performance of MBE/DBE/WBE Construction/CM Firms in Transportation Projects*

University of Illinois, Urbana-Champaign, Illinois

Bachelor of Science, Architectural Studies

May 2001

EMPLOYMENT HISTORY

University of Washington

Seattle, WA, USA

Assistant Professor, 2014 - present

Texas A&M Transportation Institute

College Station, TX, USA

Graduate Student Researcher, 2013-2014

Texas A&M University

College Station, TX, USA

Graduate Student Researcher, 2009-2013

Primera

Chicago, Illinois, USA

Project Engineer, 2007-2009

DLA Architects, Ltd.

Itasca, Illinois, USA

Architect, 2006-2007

Earth Tech (AECOM)

Oakbrook, Illinois, USA

Architect, 2001-2005

AWARDS AND HONORS

- Construction Industry Institute (CII) New Scholar Program Fellow, 2014
- Transportation Research Board (TRB) Committee on Construction Management, AFH10 Appointment for 2014-2017, 2014
- Travel Scholarship for Public-Private Partnership Projects (P3P) Seminar, 2014
- National Science Foundation (NSF) stipend for Construction Engineering Conference (grant CMMI-1353242), 2014, NSF
- Civil Engineering Teaching Fellowship for Doctoral Candidates, 2012, TAMU
- Urban/Beavers Fellowship, 2012, TAMU
- Williams Brothers Construction Fellowship, 2012, TAMU
- TAMU Department of Civil Engineering Outstanding Graduate Student Award, 2012, TAMU
- Greenbuild International Conference Multimedia Visual Competition (2nd), 2011, USGBC
- Williams Brothers Construction Fellowship, 2011, TAMU
- Peter C. Forster (Clark Construction) Fellowship, 2009, TAMU
- Primera Engineers Education Scholarship, 2008, Primera
- Construction Management Association of America (CMAA) Chicago Regional Chapter Scholarship, 2007, CMAA
- IIT Dean's Fellowship, 2006, IIT
- Construction Specification Institute (CSI) Outstanding Service Award, 2004, CSI

PUBLICATIONS

Refereed archival journal publications

1. Kim, A. and Arditi, D. (2010). "Performance of minority firms providing construction management services in the US transportation sector." *Construction Management and Economics*, 28(8), 839-851.
2. Kim, A. and Arditi, D. (2010). "Performance of MBE/DBE/WBE Construction firms in Transportation Projects." *J. Constr. Eng. Manage.*, 136(7), 768-777.

Conference proceedings and other non-journal articles (fully referred)

1. Walewski, J., Anderson, S., Yeon, J., and Kim, A. (2013) "Risk Framework for Next Generation Nuclear Power Plant Construction." Proceedings of the 5th International Conference on Construction Engineering and Project Management (ICCEPM), Anaheim, California USA.
2. Kim, A., Faghihi, V., Hessami, A., and Ford, D. (2012). "Designing Perpetual Sustainability Improvement Programs for Built Infrastructures." Proceedings of the 30th International Conference of the System Dynamics Society, St. Gallen, Switzerland.
3. Walewski, J. and Kim, A. (2011). "TOMORROW'S UNIVERSITY GRADUATE: CONSTRUCTION INDUSTRY NEEDS AND CURRICULUM ENHANCEMENT." Proceedings of the American Society of Engineering Education Annual Conference, Vancouver, BC, Canada.

Technical reports to sponsors

1. Phase I Interim Report to the National Cooperative Highway Research Program (NCHRP) on Project NCHRP 08-88 Effective Project Scoping Practices to Improve On-time and On-budget delivery of Highway Projects, confidential report to NCHRP 08-88 Panel Committee, Washington DC, June 2013.
2. Phase II Special Report for Task 6: Prepare Transportation-Area White Paper Visions to the NCHRP on Project NCHRP 20-83(03) Long-Range Strategic Issues Affecting Preservation, Maintenance, and Renewal of Highway Infrastructure, confidential report to NCHRP 20-83(03) Panel Committee, Washington DC, April 2013.
3. Phase I Interim Report to the NCHRP on Project NCHRP 20-83(03) Long-Range Strategic Issues Affecting Preservation, Maintenance, and Renewal of Highway Infrastructure, confidential report to NCHRP 20-83(03) Panel Committee, Washington DC, January 2012.

OTHER SCHOLARLY ACTIVITY

Professional society memberships

American Institute of Architects (AIA)	2001 - 2006
American Society of Heating, Refrigerating and Air Conditioning Engineers	2012 - Present
Construction Management Association of America	2006 - 2009
Construction Specification Institute	2001 - 2006
Transportation Research Board	2012 - Present
U.S. Green Building Council	2007 - Present

RESEARCH ACTIVITIES

Funded Research

Funding Agency	Title	Your role with other PI's and co-PI's	Total Amount, Your Amount, (Subcontracts if any, University Matching if any)	Dates (start - finish)
Texas A&M Research Foundation	<i>Long Range Strategic Issues Affecting Preservation, Maintenance, and Renewal of Highway Infrastructure</i>	Sub-contract	Total amount \$5,600	2/2014-8/2014
University of Washington	<i>Indoor Environment Quality Assessment</i>	Co-PI (PI, Reed)	Total amount \$75k	1/2014 - present

CERTIFICATIONS

- US Green Building Council (USGBC) Leadership in Energy and Environmental Design (LEED) Accredited Professional (AP) Building Design + Construction (BD+C) Certification
- USGBC LEED Green Associate (GA) Certification
- CSI Certified Documents Technologist (CDT) Certification

TECHNICAL SKILLS (SOFTWARE)

Design:	Autodesk AutoCAD, Bentley MicroStation
Project Management:	Deltek Vision, Meridian Systems Prolog & Proliance, Autodesk Buzzsaw
Data Management:	Esri ArcGIS, Newforma Project Center, Digi-Data Corp. bigVAULT
Energy Modeling:	James J. Hirsch DOE-2, James J. Hirsch eQUEST
Scheduling:	Primavera P3
System Dynamics:	VENTANA systems, Inc. Vensim
Statistical Analysis:	SAS version 9.3