

Student Involvement in CCIS – Center for Construction Industry Studies

Over 100 graduate degrees have been awarded under CCIS and approximately half of these have been funded directly through Sloan Foundation grants.

<u>Name</u>	<u>Title</u>	<u>Degree</u>	<u>Completion Date</u>
Abanto, Daniel	Evaluation Performance of an Interactive Planning Environment	M.S.	May 1998
Aleman, Christine	Impact of Computer Use by Construction Foremen	M.S.	December 1999
Anderson, Christopher	Schedule Incentives Pertaining to Highway Consultant Agreements	M.S.	December 2003
Ballard, Bradley	Critical Integration Chains for Water Infrastructure Projects	M.S.	December 2001
Balli, Nicole	Handheld Computer Applications for the Tier II Construction Worker	M.S.	May 2002
Braden, Kristen	Integration and Automation Metrics: Report II	M.S.	May 2000
Brandenburg, Stefanie	Tier I Work Force Management Strategy: Concept and Application	Ph.D.	December 2003
Broschak, Joseph	The Effects of Contingent Work and Outsourcing on Workplace Dynamics	Ph.D.	August 1999
Bruce, David	Estimating Construction Durations for Highway Construction Projects	M.S.	December 2003
Cannon, Erin	Training Curricula for Construction Craftworkers	M.S.	December 2001
Carley, Lynn Ann	Experiences of Construction Workers with Multiskilling	M.S.	December 1998
Castaneda-Maza, Jorge	An Overview of the Construction Industry in Mexico	M.S.	December 1999
Castaneda-Maza, Jorge	Workers' Skills and Receptiveness to Operate under the Tier II Construction Management Strategy	Ph.D.	December 2002
Cha, Hee Sung	Optimizing Implementation of Value Management Processes	Ph.D.	December 2003
Chang, Soon-Woong	Development and Assessment of the Tier II Work Force Strategy Implementation Index	Ph.D.	May 2002
Cho, Chung Suk	Development of the Project Definition Rating Index (PDR) for Building Projects	Ph.D.	May 2000
Cho, Yong-Kwon	Human-Assisted Rapid Workspace Modeling for Construction Equipment Operations	Ph.D.	December 2000
Chong, Oswald	Productivity Rates and Drivers for Drainage and Wall Structures	Ph.D.	August 2004
Delao, Marc	Planning Issues for an INS Facility in the Rio Grande Valley	M.S.	August 2002

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Deogaonkar, Mandar	Integration & Automation Metric for Projects: Anaylysis of Project Phase & Initial Site Variables	M.S.	May 2000
Dickson, Kevin	Owner/Contractor Organizational Changes-Owner Study	Ph.D.	December 2001
Dodd, Steve	Enterprise Resource Planning Software Systems and Capital Facilities Delivery	M.S.	May 1999
Dudley, Guy	International Risk Assessment	M.S.	May 2003
Edward, Derek	Distribution of Craft Management Skills in a Tier II Work Team	M.S.	May 2003
Eickmann, Jason	Impact of Prefabrication and Preassembly on the Construction Industry	M.S.	December 1999
Escobosa, Caesar	Electronic Commerce among Suppliers of the Construction Industry	M.S.	December 2000
Fagerlund, Walter	Decisions Frameworks for Prefabrication, Preassembly and Modularization in Industrial Construction	M.S.	May 2001
Gebken, Richard	Economic, Financial and Legal	Ph.D.	December 2005
Gomar, Jorge	Optimized Assignment of a Multiskilled Workforce	M.S.	December 1999
Goodrum Paul	Functional Capabilities and Design of a Prototype Multimedia Design for Safety Tool	M.S.	December 1994
Goodrum, Paul	The Impact of Equipment Technology on Productivity in the US Construction Industry	Ph.D.	May 2001
Graham, Todd	Effects of Owner Outsourcing on Construction Project Performance	M.S.	December 1999
Guerrero, Miguel	Plan for Analyzing Causes and Impacts of Consultant Delays	M.S.	December 2001
Hadeed, Shane	Integration and Automation Metric for Projects: Analysis of Industry Sector and Owner Regulation Variables	M.S.	May 2000
Howard, Lizabeth	Evolution of the Two-Tier Construction Work Force Concept	M.S.	December 2001
Hubers, Mark	Systems Integration Standard Development Efforts for Engineering and Construction	M.S.	May 2001
Hudson, David	Benchmarking Construction Project Execution	Ph.D.	December 1997
Huh, Youngki	Productivity Rates and Drivers for Highway Bridge Elements	Ph.D.	August 2004
Hwang, Jennifer	Benefits of Standard Process Industry Practices	M.S.	December 1998
Inokuchi, Tatsuya	Actions Needed to Improve Competitiveness within the Japanese Construction Industry	M.S.	December 1998
Jantz, Gregory	Trends in Owner Outstanding and their Affects on Project Practices and Results	M.S.	December 2000
Jeon, Jongwon	The Conceptual Modeling of a Lessons Learned System for Large Construction Companies	M.S.	December 2000
Jernigan, Steve	Tools for Modeling Work Processes	Ph.D.	May 2000
Jouzy, Waleed	Capital Projects in China	M.S.	December 1999
Kane, Kristen	CII Member Influence on Project Performance	M.S.	August 1998

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Katsube, Yasuhiko	Impacts from IT on Construction Projects: Best Fit between Physical and Virtual Environment	M.S.	August 1998
Khwaja, Nabeel	A Lessons-Learned System for Highway Constructability	M.S.	May 2002
Kim, Sang-Bum	Development of the PDRI Virtual Users Group on the World Wide Web	M.S.	December 1998
Kim, Sang-Bum	Assessment of CII Knowledge Implementation at the Organizational Level	Ph.D.	August 2002
Kim, Tae-Youn	Trends of Selected Construction Industry Practices.	Ph.D.	May 2001
Kumashiro, Mark	Measuring Automation and Integration in the Construction Industry	M.S.	December 1998
Kuo, Yao-Chen	Productivity Rates and Drivers for Earthwork and Pavement Activities	Ph.D.	August 2004
LeBlond, Dave	Performance Characterization of the University of Texas Large Scale Manipulator	M.S.	December 1997
Lee, Sang-Hoon	Benchmarking Process for Construction Industry	M.S.	December 1998
Lee, Sang-Hoon	Discriminant Function Analysis for Categorization of Best Practices	Ph.D.	December 2001
Liang, Lilin	Benchmarking small project performance	Ph.D.	May 2005
Mai, Tinh	Productivity Trends in U.S. Construction Since 1960	M.S.	May 1999
Manchanda, Virat	Continuous Quality Improvement, Trends in the World and Present Scenario in the Construction Industry in India	M.S.	May 2000
Mays, Jeffrey	Economic, Financial and Legal	M.S.	December 2003
McLeod, John	Planning for Startup: An Evaluation of Factors Affecting the Startup of Process Industry Facilities	Ph.D.	December 2000
Mentel, Brian	Workforce Demographics Among Contractor Engineering Professionals	M.S.	August 2001
Moore, Kathy-Ann	An Exploratory Study on the Use of Technology by Persons with Disabilities in the Fields of Design and Construction	M.S.	December 2000
Moritz, Alexander	Critical Integration Chains for Electrical T&D Infrastructure Projects	M.S.	December 2001
Morrow, Kirk	Quantitative Analysis of the Effects of Selected Practices on Project Cost	Ph.D.	August 1998
Oey, Alexander	An Introduction to Data Mining for the Construction Industry	M.S.	May 2001
Oey, Marvin	Effects of Selected Practices on the Cost Performance of Building Projects	Ph.D.	May 2001
O'Reilly, Adrienne	Project Definition Rating Index for Buildings	M.S.	December 1997

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Owen, Frank	Development of Smooth Resolved Motion and Computer Assisted Teleoperation for a Large Scale Manipulator	Ph.D.	May 1998
Pappas, Michael	Evaluating Innovative Construction Management Methods through the Assessment of Intermediate Impacts	M.S.	May 2000
Pappas, Michael	Short Interval Planning	Ph.D.	May 2004
Patil, Shekhar	Owner/Contractor Work Structure Delphi Study	Ph.D.	December 2000
Porter, Brandon	Contractor Influence on Project Performance	M.S.	December 1997
Qui, Huijun	Urban Freeway Constructability Challenges and Solutions	M.S.	May 2002
Revel, Celine	International Construction Projects	M.S.	December 1998
Rodriquez, Ana Maria	Implementation of a Multiskilled Workforce	M.S.	December 1998
Rodriguez, Fernando	Owner Outsourcing of Project Functions	M.S.	December 1998
Ryan-Rose, Donna	Changing Role of Contractors in the Project Delivery Process	Ph.D.	December 2003
Saidi, Kamel	Possible Applications of Handheld Computers to Quantity Surveying	Ph.D.	May 2002
Saillard, Julien	Skill Standards for the Construction Industry Facing a Structural Skilled Work Force Shortage	M.S.	May 2001
Salas, Max	Tools for Selected Value Management Processes	M.S.	December 2002
Sanders, Scot	Change Management Best Practice Use in NAVFAC and Other Public Projects	M.S.	August 2002
Seo, Jongwon	Graphical Control for Equipment in Hazardous Environments	Ph.D.	September 1998
Shields, David	Construction Success on Projects	Ph.D.	December 2002
Siddiqui, Adnan	PIP Performance Metrics	M.S.	December 1997
Simon, Eugene	Development of a Tool for Selections of Highway Construction Expediting Methods Within TxDOT	M.S.	December 2002
Simpson, Kristen	Integration and Automation Successes: Report II	M.S.	May 2000
Soejima, Takasha	Implementation of Concurrent Engineering Through Project Engineering Systems by the Engineering and Construction Contractor	M.S.	May 2002
Srouf, Issam	Optimal Work Force Training Strategy for a Large Construction Company	Ph.D.	May 2004
Terrien, Kevin	The Impact of the Internet on Recruitment of Skilled Labor	M.S.	December 2000
Thomas, Brian	Implementation Status of ADR Techniques	M.S.	August 1998
Verhulst, Kurt	System for Selecting Exterior Wall System for Low-Rise Buildings	M.S.	May 2003
Walewski, John	International Risk Assessment	Ph.D.	December 2003

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Wang, Yu-Ren	Applying the PDRI in Project Risk Management	Ph.D.	August 2002
Weislader, Sammy	Causes and Impacts of Consultant Delays	M.S.	May 2002
Welch, Keith	Development of a Tool for Assessing the Degree of Automation and Integration on Capital Projects	M.S.	December 1998
White, Greg	Automation and Integration System Innovations for Construction and Engineering-Part I	M.S.	May 2000
Whitman, Edouard	Critical Integration Chains for Communications Infrastructure Projects	M.S.	August 2002
Wunz, Christopher	An Object Modeling and Sensor Fusion System for an Unstructured Environment	M.S.	December 1997
Yang, Liren	Linkage Between Project Success and Technology Utilization	Ph.D.	May 2003