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Associate Professor

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ACADEMIC BACKGROUND

- Ph.D. (2009) Civil Engineering, Stanford University
Construction Engineering and Management Program
Dissertation: *Mobilizing Institutional Knowledge for International Projects: The Relative Importance, Acquisition, and Transfer of Institutional Knowledge for International Firms*
Advisor: Dr. Raymond Levitt
- M.S. (2001) Civil Engineering, Construction Engineering and Management, University of Colorado at Boulder
- B.S. (1999) Civil Engineering, University of Colorado at Boulder

PROFESSIONAL EXPERIENCE

- Associate Professor Dept. of Civil, Environmental, and Architectural Engineering
2016 – Present University of Colorado at Boulder
- Assistant Professor Dept. of Civil, Environmental, and Architectural Engineering
2010 – 2016 University of Colorado at Boulder
- Research Assistant Dept. of Civil and Environmental Engineering
2006 – 2009 Stanford University, Stanford, CA
Collaboratory for Research on Global Projects
- Project Manager Opus Northwest, L.L.C
2005 – 2006 Denver, Colorado
- Ast Project Manager Opus Northwest, L.L.C
2001 – 2004 Denver, Colorado
- Project Engineer Neenan Company
2000 – 2001 Fort Collins, Colorado
- Teaching Assistant Department of Civil, Environmental and Architectural Engineering
2000 University of Colorado at Boulder, Boulder, CO
- Project Engineer Turner Construction Company
1999 Denver, Colorado

PRIMARY AREAS OF INTEREST

Disaster Recovery, Disaster Resiliency, Social Sustainability of Infrastructure, Knowledge Mobilization

MERIT-BASED AWARDS AND HONORS

College of Engineering and Applied Science, University of Colorado, Top 20 Research Performer (out of 182 full time faculty) (2018)

American Society of Civil Engineering (ASCE) Daniel W. Halpin Award for Scholarship in Construction (2018)

Outstanding Service Award, Department of Civil, Environmental, and Architectural Engineering, University of Colorado—Boulder (2018)

College of Engineering and Applied Science, University of Colorado, Top 20 Research Performer (2017)

NSF Fellowship to attend Coastlines & People Workshop- San Diego, CA (2018)

NSF Fellowship to attend Research in Engineering Practice Workshop- San Jose, CA (2018)

Best Presentation Award, Engineering Project Organizations Conference (EPOC) (2018)*

Distinguished Professor Award, Construction Industry Institute (2016)

Best Paper Award, Engineering Project Organizations Conference (2016)

Best Paper Award, Engineering Project Organizations Conference (2015)

Outstanding Undergraduate Research Mentor, University of Colorado-Boulder (2015)

Honorary Commended Paper, International Journal of Disaster Resilience in the Built Environment (2014)

Nicholas R. and Nancy D. Petry Professor in Construction Engineering and Management (2014-current)

American Society of Civil Engineering (ASCE) Excellence in Civil Engineering Education (ExCEED) New Faculty Excellence in Teaching Award (2014)

Outstanding Advisor, College of Engineering and Applied Science, University of Colorado—Boulder (2014)

Young Researcher Award, Department of Civil, Environmental, and Architectural Engineering, University of Colorado—Boulder (2014)

National Science Foundation (NSF) Fellowship to attend and present at “NSF proceedings for North America East Asia For Big Data on ISBR” in Beijing, China (2014)

NSF Fellowship to attend “IDEAS Lab: Social inequality in Engineering Education” (2014)

NAE 12-member panel for the project entitled “Understand the Engineering Education—Workforce Continuum” (2013-present)

Best Paper Award, Engineering Project Organizations Conference (EPOC) Conference (2012)

Best Paper Award for Disaster Tracks at Construction Research Congress (CRC) Conference (International Journal of Disaster Resilience in the Built Environment) (2012)

Construction Engineering and Management (CEM) Faculty Fellow (2012-2014)

Engineering News Record (ENR) Top 20 under 40, Mountain States Region (2012)

NSF Fellowship to participate in the CAREER award session (2011)

Selected to the University of Colorado's President's Teaching and Learning Collaborative (2011)
 Best Presentation Award, Engineering Project Organizations Conference (EPOC) (2011)
 University of Colorado Boulder 'Women Who Make a Difference Award' (2010)
 NSF Travel Fellowship to Attend Virginia Tech Construction Engineering Conference (2010)
 American Society of Civil Engineering ExCEED (Excellence in Civil Engineering Education)
 Teaching Fellowship (2010)
 Barry Faculty Fellowship (2010-2012)
 Best Paper Award, EPOC Conference (2009)
 NSF Graduate Student Conference Travel Award (2009)
 Stanford Graduate Fellowship, Gabilian Fellowship (2007-2009)
 Stanford University - Clarkson Oglesby Fellowship (2006-2007)
 Nominee for CREW (Commercial Real Estate Women) Denver's annual award, "Woman of Influence"
 (2006)
 MOA Architecture's Outstanding Construction Project Management Team for University Physicians
 Incorporated (UPI) (2003-2004)
 Clarence Eckel Award - Top December 1999 graduate from the Civil, Environmental, and
 Architectural Engineering Department at the University of Colorado, Boulder (1999)

BOOKS AND BOOK CHAPTERS

- [B3] Jordan, E. and **Amy Javernick-Will** (2015). "Pathways to Livelihood Recovery: a Study of
 Tsunami-Affected Communities in Tamil Nadu, India," in Michèle Companion, ed.. *Disasters'
 Impact on Livelihood and Cultural Survival: Losses, Opportunities, and Mitigation*. Boca Raton, FL:
 CRC Press. Chapter 13.
- [B2] **Javernick-Will, Amy** and W. Richard Scott (2011). "Who Needs to Know What?:
 Institutional Knowledge and Global Projects" in *Global Projects : Institutional and Political
 Challenges*, Cambridge University Press. Chapter 7. pp. 249-275
- [B1] **Javernick-Will, Amy** and Timo Hartmann (2011). "Knowledge Management in Global
 Environments" in: *Organization Management in Construction*, Chinowsky, P. and Songer, T. Eds.
 Taylor and Francis New York, NY. Chapter 3 pp. 23-40.

PEER-REVIEWED JOURNAL ARTICLES PUBLISHED

Underline Denotes Javernick-Will's student advisee (Primary Advisor)

*Denotes student Javernick-Will advised (non-primary advisor)

†Denotes Javernick-Will's PhD Advisor

- [J64] Chinowsky, P., and **Javernick-Will, A.** "High Value Collaborative Networks" *Construction
 Management and Economics*. 10.1080/01446193.2019.1607513
- [J63] Opdyke, A., **Javernick-Will, A.**, and Koschmann, M. (2019). "Assessing the Impact of
 Household Participation on Satisfaction and Safe Design in Humanitarian Shelter Projects."
Disasters. <https://doi.org/10.1111/disa.12405>
- [J62] Olaerts, L., Walters, J., Linden, K., **Javernick-Will, A.**, and Harvey, A. (2019). "Factors
 Influencing Revenue Collection for Preventive Maintenance of Community Water Systems:

- A Fuzzy Set Qualitative Comparative Analysis”. *Sustainability* 11, 3726; doi:10.3390/su11133726
- [J61] Davis, A., Javernick-Will, A., and Cook, S. (2019). “The use of qualitative comparative analysis to identify pathways to successful and failed sanitation systems”. *Science of the Total Environment* 663: 507-517. <https://doi.org/10.1016/j.scitotenv.2019.01.291>
- [J60] Davis, A., Javernick-Will, A., and Cook, S. (2019). “Priority Addressment Protocol: Understanding the Ability and Potential of Sanitation Systems to Address Priorities”. *Environmental Science and Technology* 53(1):401-411. 10.1021/acs.est.8b04761
- [J59] Palagi, S., and Javernick-Will, A. (2019). “Institutional Constraints Influencing Relocation Decision Making and Implementation.” *International Journal of Disaster Risk Reduction* 33:310-320. <https://doi.org/10.1016/j.ijdrr.2018.10.016>
- [J58] Poleacovschi, C., Javernick-Will, A., Tong, T. and Wanberg, J. (2019). “Engineers Seeking Knowledge: The Effect of Control Systems on the Accessibility of Tacit and Codified Knowledge.” Submitted to the *Journal of Construction Engineering and Management* 145(2). 10.1061/(ASCE)CO.1943-7862.0001594.
- [J57] Opdyke, A., Javernick-Will, A., and Koschmann, M. (2018). “A Comparative Analysis of Coordination, Participation, and Training in Post-Disaster Shelter Projects.” *Sustainability* 10(11). 10.3390/su10114241.
- [J56] Davis, A., Javernick-Will, A., and Cook, S. (2018). “A comparison of interviews, focus groups, and photovoice to identify sanitation priorities and increase success of community-based sanitation systems”. *Environmental Science: Water Research & Technology* 4(10). 10.1039/C8EW00391B
- [J55] Javernick-Will, A., (2018). “Rationale: the necessary ingredient for contributions to theory and practice”. *Construction Management and Economics* 36(8). 10.1080/01446193.2018.1487910
- [J54] Antillon, E., Garvin, M., Molenaar, K., and Javernick-Will, A. (2018). “Influence of Interorganizational Coordination on Lifecycle Design Decisionmaking: A Comparative Case Study of Public-Private Partnership Highway Projects.” *Journal of Management in Engineering* 34(5). 10.1061/%28ASCE%29ME.1943-5479.0000623¹
- [J53] Opdyke, A., Javernick-Will, A., and Koschmann, M. (2018). “Household Construction Knowledge Acquisition in Post-disaster Shelter Training.” *International Journal of Disaster Risk Reduction*. 28(6):131-139. <https://doi.org/10.1016/j.ijdrr.2018.02.038>
- [J52] Wanberg, J., Javernick-Will, A., and Taylor, J.T. (2017). “Mechanisms to initiate knowledge sharing connections in communities of practice”. *Journal of Construction Engineering and Management*. 143(11). [https://doi.org/10.1061/\(ASCE\)CO.1943-7862.0001399](https://doi.org/10.1061/(ASCE)CO.1943-7862.0001399)
- [J51] Beitelmal, W., Molenaar, K., Javernick-Will, A. and Pellicer, E. (2017) "Challenges and barriers to establishing infrastructure asset management: A comparative study between Libya and the USA", *Engineering, Construction and Architectural Management*, 24(6): 1184-1202, <https://doi.org/10.1108/ECAM-12-2015-0200>
- [J50] Corvello, V., Javernick-Will, A. and La Ratta, A.* (2017). “Routine Project Scope Management in Small Construction Enterprises”. *International Journal of Project Organization and Management* 9(1): 18-30. DOI: 10.1504/IJPOM.2017/083109.

¹ Editor’s Choice

- [J49] Ferrara, S.*, Mohammadi, N., Taylor, J., **Javernick-Will, A.** (2017). “Generational differences in virtual teaming in the United States: culture, time, and technology,” *ITcon*, 22: 132-144. <http://www.itcon.org/2017/7>.
- [J48] Koschmann, M., Kopczynski, J., Opdyke, A., & **Javernick-Will, A.** (2017). “Constructing authority in disaster relief coordination.” *Electronic Journal of Communication*, 27, (1 & 2). <http://www.cios.org/www/ejcmmain.htm>.
- [J47] Arneson, E., Deniz, D., **Javernick-Will, A.**, Liel, A., and S. Dashti (2017). “Information Deficits and Post-Disaster Recovery”. *Natural Hazards Review*. DOI: <https://ascelibrary.org/doi/abs/10.1061/%28ASCE%29NH.1527-6996.0000251>
- [J46] Poleacovschi, C., and **A. Javernick-Will** (2017). “Assessing expertise in construction and engineering organizations” *Journal of Construction Engineering and Management*. [http://dx.doi.org/10.1061/\(ASCE\)CO.1943-7862.0001325](http://dx.doi.org/10.1061/(ASCE)CO.1943-7862.0001325).
- [J45] Opdyke, A., **Javernick-Will, A.**, and Matthew Koschmann (2017). “Infrastructure Hazards Resilience Trends: An Analysis of 25 Years of Research”. *Natural Hazards*. DOI: 10.1007/s11069-017-2792-8.
- [J44] Poleacovschi, C., **Javernick-Will, A.**, and T. Tong (2017). “The link between knowledge sharing connections and employee time savings: A social network analysis”. *Construction Management and Economics* for the Special Issue on Social Networks in Construction. 10.1080/01446193.2017.1287414
- [J43] Deniz, D.*, Arneson, E., Liel, A., Dashti, S., and **A. Javernick-Will** (2017). “Flood Loss Models for Residential Buildings Based on the 2013 Colorado Floods”. *Natural Hazards*. 10.1007/s11069-016-2615-3.
- [J42] Zerio, A., Opdyke, A., and **A. Javernick-Will** (2016). “Characterizing Post-Disaster Reconstruction Training Methods and Learning Styles”. *Engineering Project Organization Journal*. 10.1080/21573727.2016.1257484
- [J41] Opdyke, A., Lepropre, F., **Javernick-Will, A.** and M. Koschmann (2017). “Inter-organizational resource coordination in post-disaster infrastructure recovery.” *Construction Management and Economics*. 10.1080/01446193.2016.1247973.
- [J40] Antillon, E., Molenaar, K., and **A. Javernick-Will** (2017). “Evaluating the Effect of Contract Timing on Life Cycle Design Innovation in Public-Private Partnerships: A Comparative Case Study of Highway Projects”. *Journal of Construction Engineering and Management*. 10.1061/(ASCE)CO.1943-7862.0001239
- [J39] Litchfield, K. and **A. Javernick-Will** (2017). “Socially Engaged Engineers’ Career Interests and Experiences: A Miner’s Canary”. *Journal of Professional Issues in Engineering Education*. 10.1061/(ASCE)EI.1943-5541.0000303.
- [J38] Jordan, E., **Javernick-Will, A.** and Tierney, K. (2016). “Post-Tsunami Recovery in Tamil Nadu, India: Combined Social and Infrastructural outcomes”. *Natural Hazards*. 10.1007/s11069-016-2489-4.
- [J37] Poleacovschi, C. and **A. Javernick-Will**. (2016). “Spanning Information and Knowledge Across Subgroups and Its Effects on Individual Performance”. *Journal of Management in Engineering*. DOI: 10.1061/(ASCE)ME.1943-5479.0000423.

- [J36] Litchfield, K., Javernick-Will, A., and A. Maul (2016). “Technical and Professional Skills of Engineers Involved and Not Involved in Engineering Service.” *Journal of Engineering Education*. 105(1): 70-92. DOI: 10.1002/jee.20109
- [J35] Litchfield, K. and A. Javernick-Will (2016). “Social Appeal: Service activities may attract a more altruistic, broad-minded group to engineering”. *PRISM, JEE Selects*, p.39. (1 page review).
- [J34] Litchfield, K. and A. Javernick-Will (2015). “‘I am an Engineer AND’: A Mixed-Methods Study of Socially Engaged Engineers”. *Journal of Engineering Education*. 104(4): 393-4166. DOI: 10.1002/jee.20102
- [J33] Wanberg, J., Javernick-Will, A., Taylor, J. and P. Chinowsky (2015). “The Effects of Organizational Divisions on Knowledge Sharing Networks in Multi-lateral Communities of Practice”. *Engineering Project Organizations Journal* DOI: 10.1080/21573727.2015.1059823.
- [J32] Walters, J. and A. Javernick-Will (2015). “Management of Rural Water Services in Nicaragua: A Systemic Network Approach to Evaluating Stakeholder Alignment”. *International Journal of Sustainable Development and World Ecology*. 22(4): 358-367. DOI: 10.1080/13504509.2015.1053999
- [J31] Jordan, E., Javernick-Will, A., and B. Amadei (2015). “Post-Disaster Reconstruction: Lessons from Nagapattinam District, India”. *Development in Practice* 25(4): 518-534. DOI: 10.1080/09614524.2015.1028334
- [J30] Senesi, C., Javernick-Will, A., and K. Molenaar (2015). “Benefits and Barriers to Applying Probabilistic Risk Analysis on Engineering and Construction Projects”. *Engineering Management Journal* 27(2): 2449-2458. DOI:10.1080/10429247.2015.1035965
- [J29] Walters, J. and A. Javernick-Will (2015). “Long-term functionality of rural water services in developing countries: A system dynamics approach to understanding the dynamic interaction of factors”. *Environmental Science and Technology*. Published (Online): March 16, 2015. DOI: 10.1021/es505975h
- [J28] Berteaux, F. and A. Javernick-Will (2015). “Adaptation and Integration for Multinational Project-Based Organizations”. *Journal of Management in Engineering*. Published (Online): March 6, 2015. DOI: 10.1061/(ASCE)ME.1943-5479.00003666, 0415008.
- [J27] Wanberg, J., Javernick-Will, A., Taylor, J. and P. Chinowsky (2015). “Spanning Cultural and Geographic Barriers with Knowledge Pipelines in Multi-national Communities of Practice”. *Journal of Construction Engineering and Management* 141(4):04014091-1 – 04014091-10 DOI: 10.1061/(ASCE)CO.1943-7862.0000955
- [J26] Kaminsky, J. and A. Javernick-Will (2015). “Theorizing the Internal Social Sustainability of Sanitation Organizations”. *Journal of Construction Engineering and Management*, 141(2): 04014071-1 – 04014071-10. DOI: 10.1061/(ASCE)CO.1943-7862.0000933
- [J25] Jordan, E. and A. Javernick-Will (2014). “Determining Causal Factors of Community Recovery”. *International Journal of Mass Emergencies and Disasters* 32(3): 405-427.
- [J24] Jordan, E., Javernick-Will, A. and B. Amadei (2014). A Qualitative Comparative Analysis of Neighborhood Recovery Following Hurricane Katrina. *International Journal of Disaster*

- Resilience in the Built Environment*. 5(4): 391-412². DOI: <http://dx.doi.org/10.1108/IJDRBE-03-2013-0006>
- [J23] Kaminsky, J. and **A. Javernick-Will** (2014). “The Internal Social Sustainability of Sanitation Organizations”. *Environmental Science and Technology* 48(17): 10028-10035. Published online: August 7, 2014. DOI: 10.1021/es501608p
- [J22] Litchfield, K., **Javernick-Will, A.** and K. Patterson (2014). “Exploring EWB-USA Members’ Descriptions of Self, Engineers, and their Fellow Members”. *International Journal of Service Learning in Engineering* 9(1): 24-39.
- [J21] Chatterley, C.*, **Javernick-Will, A.**, Linden, K., Alam, K., Bottinelli, L., and M. Venkatesh, (2014). “A qualitative comparative analysis of well-managed school sanitation in Bangladesh”. *BMC Public Health* 14(6): 1-16. Published: 8 January 2014 DOI:10.1186/1471-2458-14-6
- [J20] Litchfield, K., and **A. Javernick-Will** (2014). "Investigating Gains from EWB-USA Involvement". *Journal of Professional Issues in Engineering Education and Practice*, 140(1): 04013008-1 – 04013008-9. DOI: 10.1061/(ASCE)EI.1943-5541.0000181
- [J19] Chatterley, C.*, Linden, K.G., and **A. Javernick-Will** (2013). “Identifying Drivers of Sustainable School Sanitation in Belize”. *Journal of Water, Sanitation and Hygiene for Development* 3(3): 441-422. DOI:10.2166/washdev.2013.128
- [J18] **Javernick-Will, A.** (2013). “Local Embeddedness and Knowledge Management Strategies for Project-Based Multi-National Firms”. *Engineering Management Journal* 25(3): 16-26. DOI: 10.1080/10429247.2013.11431979
- [J17] Kaminsky, J. and **A. Javernick-Will**. (2013) “Contested Factors for Sustainability: The Construction and Management of Onsite Wastewater Treatment Systems”. *Journal of Construction Engineering and Management* 139(12): A4013004-1 – A40134-9. DOI: 10.1061/(ASCE)CO.1943-7862.0000757
- [J16] Sanei, M., **Javernick-Will, A.** and P. Chinowsky (2013). “The influence of generation on knowledge sharing connections and methods in construction and engineering organizations headquartered in the US”. *Construction Management and Economics* 31(9): 991-1004. DOI: 10.1080/01446193.2013.835490
- [J15] Molenaar, K., **Javernick-Will, A.**, Bastias, A., Wardwell, M. and K. Saller (2013). “Construction Project Peer Reviews as an Early Indicator of Project Success”. *Journal of Management in Engineering*, 29(4): 327-333. DOI: 10.1061/(ASCE)ME.1943-5479.0000149
- [J14] Alsamadani, R.*, Hallowell, M. and **A. Javernick-Will** (2013). “Measuring and Modeling Safety Communication in Small Work Crews in the US using Social Network Analysis”. *Construction Management and Economics* 31(6): 568-579. DOI: 10.1080/01446193.2012.685486
- [J13] Alsamadani, R*., Hallowell, M., **Javernick-Will, A.** and J. Cabello. (2013). “Relationships among Language Proficiency, Communication Patterns and Safety Performance in Small Work Crews in the US”. *Journal of Construction Engineering and Management* 139(9): 1125-1134. DOI: 10.1061/(ASCE)CO.1943-7862.0000724

² Honorary Commended Paper Award

- [J12] Arnold, P., and **A. Javernick-Will** (2013). "Project Wide Access: The Key to Effective Construction Information Communication Technology Platforms". *Journal of Construction Engineering and Management* 139(5): 510-518. DOI: 10.1061/(ASCE)CO.1943-7862.0000596.
- [J11] Jordan, E., and **A. Javernick-Will** (2013). "Indicators of Community Recovery: A Content Analysis and Delphi Approach". *Natural Hazards Review* 14(1): 21-28. DOI: 10.1061/(ASCE)NH.1527-6996.0000087.
- [J10] Levitt, R.†, Wang, C.M., Ping Ho, S. and **A. Javernick-Will** (2013). "Encouraging Knowledge Sharing in Engineering Firms, Part (II): Game Theory Analysis and Firm Strategies." *Engineering Project Organization Journal* 3(1): 22-31. DOI: 10.1080/21573727.2012.683413
- [J9] Levitt, R.†, Wang, C.M., Ping Ho, S., and **A. Javernick-Will** (2012). "Encouraging Knowledge Sharing in Engineering Firms- Part I: Incentives, Disincentives, and the Impacts of Firm Context". *Engineering Project Organization Journal* 2(4): 231-239. DOI:10.1080/21573727.2012.683412
- [J8] **Javernick-Will, A.** (2012). "Motivating Knowledge Sharing in Engineering and Construction Organizations: The Power of Social Motivations." *Journal of management in engineering*, 28(2):193-202. DOI: 10.1061/(ASCE)ME.1943-5479.0000076
- [J7] Zerjav, V.*, Hartmann, T. and **A. Javernick-Will** (2012). "Internal Governance of Design and Engineering: Case of the Multinational Firm." *Journal of Construction Engineering and Management*, 138(1):135-143. DOI: 10.1061/(ASCE)CO.1943-7862.0000417
- [J6] Jordan, E., Gross, M., **Javernick-Will, A.** and Garvin, M. (2011) "Use and mis-use of Qualitative Comparative Analysis: A Promising Approach for Construction Research". *Construction Management and Economics*, 29(11): 59-1173. DOI:10.1080/01446193.2011.640339
- [J5] **Javernick-Will, A.** (2011) "Knowledge-Sharing Connections across Geographical Boundaries in Global Intra-firm Networks". *Engineering Project Organizations Journal* 1(4):239-253. DOI:10.1080/21573727.2011.613458
- [J4] Chi, S.F.* and **A. Javernick-Will** (2011). "Institutional Effects on Project Arrangement: High-Speed Rail Projects in China and Taiwan." *Construction Management and Economics* 29(6): 595-611. DOI:10.1080/01446193.2011.569734
- [J3] **Javernick-Will, A.** and W. R. Scott (2010). "Who Needs to Know What? Institutional Knowledge and International Projects." *Journal of Construction Engineering and Management* 136(5): 546-557. DOI: 10.1061/ASCECO.1943-7862.0000035
- [J2] **Javernick-Will, A.**, and R. E. Levitt† (2010). "Mobilizing Institutional Knowledge for International Projects." *Journal of Construction Engineering and Management* 136(4): 430-441. DOI: 10.1061/(ASCE)CO.1943-7862.0000110
- [J1] **Javernick-Will, A.** (2009). "Organizational Learning during Internationalization: Acquiring Local Institutional Knowledge". *Construction Management and Economics* 27(8): 783-797. DOI: 10.1080/01446190903117801

PEER-REVIEWED JOURNAL ARTICLES ACCEPTED

- [JA] Arneson, E., **Javernick-Will, A.**, Hallowell, M., Corotis, R. “Predicting Post-Disaster Residential Housing Reconstruction Based on Market Resources”. *Natural Hazards Review*.
- [JA] Poleacovschi, C. and **Javernick-Will, A.** “The importance of expertise visibility for individual performance.” *Engineering Management Journal*.

PEER-REVIEWED JOURNAL ARTICLES SUBMITTED

- [JS] Tracy, A. and **Javernick-Will, A.** “How Incentive Timing, Response Mode Choice, and Urbanicity Affect Survey Response”. Submitted to *International Journal of Social Research Methodology*. (Submitted 07/19).
- [JS] Venable, C., **Javernick-Will, A.**, and Liel, A. “Household Perceptions of Safety of Reconstructed Houses in Future Typhoons and Earthquakes”. Submitted to *International Journal of Disaster Risk Reduction* (Submitted 07/19).
- [JS] Chan, P., Dossick, C., Hacker, M., Harmann, T., **Javernick-Will, A.**, Mahalingam, A., Zerjav, V. Journal Reviews and Revisions: Advice from an Early Career Panel Discussion. Submitted to *Engineering Project Organizations Journal*. (Submitted 08/19).
- [JS] Valcourt, N., Walters, J., **Javernick-Will, A.**, Linden, K., Hailegiorgis, B. “Understanding Rural Water Services as a Complex System: An assessment of key factors as potential leverage points for improved service sustainability.” Submitted to *Environmental Science and Technology*. (Submitted 08/19).
- [JS] Valcourt, N., Walters, J., **Javernick-Will, A.**, Linden, K. “Assessing the efficacy of a group model building workshop in an applied setting through purposive text analysis”. Submitted to *System Dynamics Review*. (Submitted 08/19).
- [JS] Palagi, S. and **Javernick-Will, A.** "Discrepancies between post-disaster relocation policy and implementation" Submitted to: *Journal of Management in Engineering*. (Submitted 07/19).
- [JS] Poleacovschi, C., **Javernick-Will, A.**, Wang, S., Tong, T. “Gendered Knowledge Accessibility: Evaluating the role of gender in the process of knowledge seeking”. Submitted to the *Journal of Organizational Behavior*. (Submitted 08/19).

WORKING PAPERS

- [JW] Arneson, E., Hallowell, M., **Javernick-Will, A.**, Goodrum, P. “Defining and Measuring Regional Construction Capacity”. Working Paper.
- [JW] Harper, J., Beilefeldt, A., **Javernick-Will, A.**, Toeur, V., and Nicoletti, C. “How Context Affects Intentions Toward Fecal Sludge Management in Rural Low-Income Cambodia”. Working paper.

RESEARCH REPORTS AND OTHER WORK

- [RR12] National Academy of Engineering 2018. Understanding the Educational and Career Pathways of Engineers. Washington, DC: The National Academies Press. <https://doi.org/10.17226/25284>.
- [RR11] Palagi, S., and **Javernick-Will, A.** (2018). *Post-Disaster Permanent Relocation: Case Studies in Tacloban City, Philippines*. Mortenson Center in Engineering for Developing Communities, University of Colorado Boulder.
- [RR10] Valcourt, N., Walters, J., **Javernick-Will, A.**, Hollander, D., Linden, K., (2018). *Summary Report of Baseline Iterative Factor Mapping and Learning (IFML) Analyses in Ethiopia And Uganda*. Washington, DC: Sustainable WASH Systems Learning Partnership: United States Agency for International Development.
- [RR9] Valcourt, N., Walters, J., **Javernick-Will, A.**, & Hollander, D., Linden, K., (2018). *Summary Report of Baseline Iterative Factor Mapping and Learning (IFML) Analyses in Kamuli District, Uganda*. Washington, DC: Sustainable WASH Systems Learning Partnership: United States Agency for International Development.
- [RR8] Valcourt, N., Walters, J., **Javernick-Will, A.**, & Hollander, D., Linden, K., (2018). *Summary Report of Iterative Factor Mapping and Learning (IFML): Kampong Speu, Cambodia*. Washington, DC: Sustainable WASH Systems Learning Partnership: United States Agency for International Development.
- [RR7] Opdyke, A., **Javernick-Will, A.**, and Koschmann, M. (2017). *Typhoon Haiyan: Shelter Case Studies*. Mortenson Center in Engineering for Developing Communities, University of Colorado Boulder.
- [RR6] Mohammadi, N., Taylor, J., **Javernick-Will, A.** (2016). “Determining Virtual Team Performance in the Construction Industry.” *CII Research Report 326-11*. Construction Industry Institute, Austin, TX, August 2016, 133 pp.
- [RR5] Mohammadi, N., Taylor, J., **Javernick-Will, A.**, Duncan, R. and Felton, S. “High Performance Virtual Team Equalizer Tool and User Guide”. *CII Implementation Resource IR326-2*. Construction Industry Institute, Austin, TX, May 2016, Excel-based tool; User Guide: 40 pp.
- [RR4] **Javernick-Will, A.**, Mohammadi, N., Taylor, J., Gibson, S., Duncan, R. and Felton, S. “Maximizing Virtual Team Performance in the Construction Industry”. *CII Research Summary RS326-1*. Construction Industry Institute, Austin, TX, May 2016.
- [RR3] Rose, D., Molenaar, K.R., **Javernick-Will, A.**, Hallowell, M., Senesi, C., and McGuire, T. (2015). “Successful Implementation of Enterprise Risk Management in State Transportation Agencies.” *National Cooperative Highway Research Program, Research Report 08-36 (121)*, Washington, DC, April 2015. 38 pp.
- [RR2] Senesi, C., **Javernick-Will, A.**, Molenaar, K.R., Furlani, K. and Relyea, C. (2012). “Probabilistic Risk Management in Design and Construction Projects,” *Implementation Resource, RS 280-2*, Construction Industry Institute, Austin, TX, July 2012, 48 pp.

- [RR1] Senesi, C., Javernick-Will, A., Molenaar, K.R., Furlani, K. and Relyea, C. (2012). “Probabilistic Risk Management in Design and Construction Projects,” *Research Summary, RS 280-1*, Construction Industry Institute, Austin, TX, July 2012, 48 pp.

PEER-REVIEWED CONFERENCE PROCEEDINGS SUBMITTED OR ACCEPTED

- [CS] Goldwyn, B., Venable, C., Javernick-Will, A., and Liel, A. (2019). “The Influence of Social Capital and Satisfaction on Community Resilience-Building Actions”. 2020 Construction Research Congress. [Abstract Accepted]
- [CS] Tracy, A., and Javernick-Will, A. (2019). “How Induced Seismicity Impacts Community Perceptions of Oil and Gas Development”. 2020 Construction Research Congress. [Abstract Accepted]
- [CS] Pugel, K., Javernick-Will, A., and Linden, K. (2019). “Collective action approaches for sustaining water and sanitation services - a systematic literature review”. *2019 Engineering Project Organizations Conference*, Vail, CO. [Extended Abstract Accepted]
- [CS] Goldwyn, B., Opdyke, A., Javernick-Will, A., and Liel, A. (2019). “Post-Disaster Shelter and Settlements Research Priorities”. *2019 Engineering Project Organizations Conference*, Vail, CO. [Extended Abstract Accepted]

PEER-REVIEWED CONFERENCE PROCEEDINGS PUBLISHED

- [C77] Harper, J., Bielefeldt, A., Javernick-Will, A. (2019). “Describing and Improving Behaviors When Rural Latrine Pits Fill: A Randomized Controlled Trial”. *2019 FSM5 Conference*, Capetown, South Africa.
- [C76] Valcourt, N., Walters, J., Javernick-Will, A., and Linden, K. (2019) “Understanding Complexity in WASH systems”. *All Systems Go Conference*, The Hague, The Netherlands.
- [C75] Cord, C., Walters, J., Lockwood, H., Chintalapaaati, P., Javernick-Will, A., and Linden, K. (2019). “Moving toward prevention: rural water maintenance and sustained service delivery”. *All Systems Go Conference*, The Hague, The Netherlands.
- [C74] Chintalapaati, P., Walters, J., Javernick-Will, A., and Linden, K. (2019) “System dynamics modelling as a tool for assessing rural water sustainability”. *All Systems Go Conference*, The Hague, The Netherlands.
- [C73] Pugel, K., Javernick-Will, A., Linden, K. (2019) “What is a collective action approach and what makes it effective? - a desk review”. *All Systems Go Conference*, The Hague, The Netherlands.
- [C73] Opdyke, A., Palagi, S., Venable, C., and Javernick-Will, A. (2018). “Incremental Shelter and Homeowner Post-Disaster Expansions and Modifications.” *International Conference on Building Resilience*. Lisbon, Portugal.
- [C72] Harper, J., Bielefeldt, A., Javernick-Will, A., Veasna T. and Nicoletti, C. (2018). “Intentions and Behaviors Toward Fecal Sludge Management in Rural Developing Communities.” *2018 Engineering Project Organizations Conference*, Croatia.

- [C71] Venable, C., Javernick-Will, A., and Liel, A. (2018). “Built Back Better? A Comparison of Assessed and Perceived Performance of Post-Disaster Shelter”. Submitted to: *2018 Engineering Project Organizations Conference, Croatia*.
- [C70] Davis, A., Javernick-Will, A. and S. Cook. (2018). “Avoiding Failure: The Use of Qualitative Comparative Analysis to Identify Pathways to Successful Sanitation Interventions”. *2018 Engineering Project Organizations Conference, Croatia*.
- [C69] Pugel, K., Javernick-Will, A., Walters, J., Valcourt, N., and Linden, K. (2018). “(F)actors of Water Projects: Sustaining Services through Collaborative Systems Approaches”. *2018 Engineering Project Organizations Conference, Croatia*.
- [C68] Pugel, K., Javernick-Will, A., Linden, K. (2018). “Complexity aware decision making for water projects.” *International Forum on Engineering Decision Making, Lake Louise, Canada*.
- [C67] Venable, C., Opdyke, A., Javernick-Will, A., and Liel, A. (2018). “Community Participation in Post-Disaster Shelter Programs: Examining the Evolution of Participation in Planning, Design, and Construction”. *Proceedings of the 2018 Construction Research Congress, New Orleans, LA*.
- [C66] Tracy, A., Klucik, R., Javernick-Will, A., Poleacovschi, C. (2018). “New Disasters in the Twittersphere: How Communities Utilize Social Media to Seek and Share Information in the Wake of Induced Seismicity.” *Proceedings of the 2018 Construction Research Congress, New Orleans, LA*.
- [C65] Arneson, E., Hallowell, M., and Javernick-Will, A. (2018). “How Construction Resource Availability Affects Housing Reconstruction in Tornado Alley”. *Proceedings of the 2018 Construction Research Congress, New Orleans, LA*.
- [C64] Palagi, S., Mostafavi, A., and A. Javernick-Will (2017). “Establishing a conceptual framework of post-disaster risk reduction and relocation decision making.”, *2017 I-Rec Conference, Toronto, Canada*.
- [C63] Arneson, E., M. Hallowell, and A. Javernick-Will (2017). “How pre-disaster construction capacity affects post-disaster rebuilding of residential housing”, *2017 CSCE (Construction Specialty Conference), Vancouver, BC, Canada*.
- [C62] Arneson, E., Javernick-Will, A. and M. Hallowell (2017). “Construction Capacity: How construction resource availability affects post-tornado rebuilding of residential housing”, *2017 Engineering Project Organizations Conference, Stanford, CA*.
- [C61] Davis, A., Javernick-Will, A. and S. Cook. (2017). “Multi-Method Approach to Identifying Community Priorities for Sanitation Systems”, *2017 Engineering Project Organizations Conference, Stanford, CA*.
- [C60] Tracy, A., Javernick-Will, A. and D. Baummer (2017). “I’m not a Scientist’: community knowledge-sharing during uncertainty: induced seismicity and hydraulic fracturing.” *2017 Engineering Project Organizations Conference, Stanford, CA*.
- [C59] Palagi, S., and A. Javernick-Will (2016). “(Ostensibly) Invulnerable Distances: Investigating the Role of Post-Disaster Relocation for Holistic Risk Reduction” *Proceedings of the 4th International Conference on Urban Disaster Reduction, Wellington, New Zealand, October, 2016*.

- [C58] Palagi, S., Jopson, T., and **A. Javernick-Will** (2016). “Efforts to design wastewater treatment systems for Tacloban North relocation sites”. *USMCA2016: New Technologies for Urban Safety of Mega Cities in Asia*, Tacloban, Philippines, November 2016.³
- [C57] Linden, K., **Javernick-Will, A.**, Amadei, B., Klees, K., and R. Sandekian. "Engineering in Developing Communities: Curriculum Development around Graduate Certificate and Professional MS Programs." *2016 Engineering Education for Sustainable Development Conference*, Bruges, Belgium, September 2016.
- [C56] Poleacovschi, C. and **A. Javernick-Will** (2016). “A relational view explaining the process of knowledge seeking”. *2016 Engineering Project Organization Conference*, Seattle, WA, USA, June 2016.
- [C55] Opdyke, A., **Javernick-Will, A.**, Koschmann, M., and H. Moench (2016). “A Constitutive Communication Lens of Stakeholder Participation in Post-Disaster Construction”. *2016 Engineering Project Organization Conference*, Seattle, WA, USA, June 2016.⁴
- [C54] Arneson, E., Javernick-Will, A., Hallowell, M. and W. Thompson (2016). “Construction Capacity: The Role of Regional Construction Supply Chain Resources in Post-Disaster Rebuilding”. *2016 Engineering Project Organization Conference*, Seattle, WA, USA, June 2016.
- [C53] Ferrara, S., Mohammadi, N., Taylor, J., and **A. Javernick-Will** (2016). “Exploring Generational Preferences toward Information and Communication Technologies in Virtual Teams”. *2016 Engineering Project Organization Conference*, Seattle, WA, USA, June 2016.
- [C52] Zerio, A., Opdyke, A., and **A. Javernick-Will** (2016). “Post-Disaster Reconstruction Training Effectiveness”. *2016 Engineering Project Organization Conference*, Seattle, WA, USA, June 2016.
- [C50] Poleacovschi, C., **A. Javernick-Will**, and T. Tong (2016). “Searching for knowledge and experts in engineering and construction organizations”. *2016 Construction Research Congress*, San Juan, Puerto Rico, USA, May 2016.
- [C49] Opdyke, A., **Javernick-Will, A.**, Koschmann M., and H. Moench (2016). “Characterizing Post-Disaster Shelter Design and Material Selection: Lessons from Typhoon Yolanda in the Philippines”. *2016 Construction Research Congress*, San Juan, Puerto Rico, USA, May 2016.
- [C48] Mohammadi, N., Taylor, J. and **A. Javernick-Will** (2016). “Team Building Moderators of Engineering and Construction Industry Virtual Team Performance”. *2016 Construction Research Congress*, San Juan, Puerto Rico, USA, May 2016.
- [C47] Arneson, E., Deniz, D., **Javernick-Will, A.**, Liel, A. and S. Dashti (2016). “Information Deficits and Post-Disaster Recovery”. *2016 Construction Research Congress*, San Juan, Puerto Rico, USA, May 2016.
- [C46] Palagi, S. and **A. Javernick-Will**. (2015). “Achieving Risk Reduction and Infrastructure Recovery after the 2004 Indian Ocean Tsunami: A Comparison between India and Sri Lanka”. *2015 Engineering Project Organizations Conference (EPOC)*, Edinburgh, Scotland, June 2015.

³ Outstanding Graduate Researcher Award

⁴ Best Paper Award

- [C45] Opdyke, A., **Javernick-Will, A. M.** Koschmann, and H.Moench (2015). “Emergent Coordination Practice in Post-Disaster Planning of Infrastructure Systems”. *2015 Engineering Project Organizations Conference (EPOC)*, Edinburgh, Scotland, June 2015.
- [C44] Poleacovschi, C. and **A. Javernick-Will** (2015). “Assessing expertise for knowledge searching using Bourdieu’s Habitus”. *2015 Engineering Project Organizations Conference (EPOC)*, Edinburgh, Scotland, June 2015.⁵
- [C43] Antillon, E., **Javernick-Will, A.** and K. Molenaar (2015). “The Influence of Project Delivery Methods on the Life Cycle Design Decision-Making Process of Transportation Projects: A Case Study. *International Construction Specialty Conference (ICSC’15)*, Vancouver, Canada, May 2015.
- [C42] Poleacovschi, C. and **A. Javernick-Will** (2015). “Do Strong or Weak ties matter in knowledge sharing networks?”. *International Construction Specialty Conference (ICSC’15)*, Vancouver, Canada, May 2015.
- [C41] Soden, R., Palen, L., Chase, C., Deniz, D., Arneson, E., Sprain, L., Goldstein, B., Liel, A., **Javernick-Will, A.**, and S. Dashti, (2015). “The Polyvocality of Resilience: Discovering a Research Agenda through Interdisciplinary Investigation & Community Engagement”. *12th International Conference on Information Systems for Crisis Response and Management*, Kristiansand, Norway, May 2015.
- [C40] Opdyke, A. and **A. Javernick-Will** (2014). “Building Coordination Capacity: Post-Disaster Organizational Twitter Networks.” *Proceedings of the 2014 Institute of Electrical and Electronics Engineers Global Humanitarian Technology Conference*, San Jose, CA, October 2014.
- [C39] Knight, D., Litchfield, K. and **A. Javernick-Will** (2014). “Engineers Without Borders: An Empirical Investigation of Member’s Defining Characteristics”. *2014 Frontiers in Education Conference*, Madrid, Spain, October 2014.
- [C38] Wanberg, J. and **A. Javernick-Will** (2014). “Organizational Tetris: Reducing Collaborative gaps by classifying knowledge sharing relationships”. *2014 Engineering Organizations Conference*, Granby, CO, July 2014.
- [C37] Walters, J., **Javernick-Will, A.** and Chinowsky, P. (2014). “Rural Water Services Sustainability: Causal Loop Systems Diagram”. *2014 Engineering Organizations Conference*, Granby, CO, July 2014.
- [C36] Opdyke, A. and **A. Javernick-Will** (2014). “Resilient and Sustainable Infrastructure Systems: The Role of Coordination, Stakeholder Participation, and Training in Post-Disaster Construction”. *2014 Engineering Organizations Conference*, Granby, CO, July 2014.
- [C35] Poleacovschi, C. and **A. Javernick-Will** (2014). “The price of selling knowledge: the commoditization of knowledge in a construction and engineering organization”. *2014 Engineering Organizations Conference*, Granby, CO, July 2014.
- [C34] Poleacovschi, C. and **A. Javernick-Will** (2014). How are gender issues addressed in construction engineering and its consequences? *2014 American Society of Engineering Education International Forum*, Indianapolis, IN, June 2014.
- [C33] Litchfield, K., **Javernick-Will, A.** and Knight, D (2014). “Education Without Borders: Exploring the Achievement of ABET Learning Outcomes through Engineers Without

⁵ Best Paper Award

- Borders-USA". 2014 *American Society of Engineering Education International Forum*, Indianapolis, IN, June 2014.
- [C32] Litchfield, K. and **A. Javernick-Will** (2014). Distinguishing Engineers of the Future: Comparisons with EWB-USA Members. 2014 *American Society of Engineering Education Conference*, Indianapolis, IN, June 2014
- [C31] Litchfield, K. **Javernick-Will, A.** and Cathy Leslie (2014). "Collaborative Research: Gender Diversity, Identity and EWB-USA". 2014 *American Society of Engineering Education Conference*, Indianapolis, IN, June 2014
- [C30] Jordan, E. and **A. Javernick-Will** (2014). "Success and Failures of the Post-Tsunami Housing Reconstruction Program in Tamil Nadu, India". 2014 *Construction Research Congress*, Atlanta, GA, May 2014.
- [C29] Wanberg, J. and **A. Javernick-Will** (2014). "Worth One's Salt?: The Usefulness of knowledge sharing connections". 2014 *Construction Research Congress*, Atlanta, GA, May 2014.
- [C28] Litchfield, K. and **A. Javernick-Will** (2013). "A New Vision: Changed Engineering Outcome Expectations through EWB-USA". 2013 *Frontiers in Education Conference*, Oklahmoa City, OK, Oct 2013.
- [C27] Jordan, E. and **A. Javernick-Will** (2013). "Pathways to Community Recovery Following the 2004 Tsunami in Tamil Nadu, India". 2013 *Engineering Project Organizations Conference*, Granby, CO, July 2013.
- [C26] Berteaux, F., **Javernick-Will, A.** and Cheryl Chi (2013). "Adaptation and Integration for Multinational Project-Based Organizations". 2013 *Engineering Project Organizations Conference*, Granby, CO, July 2013.
- [C25] Kaminsky, J. and **A. Javernick-Will** (2013). "Sanitation System Legitimacy in Bangladesh". 2013 *Engineering Project Organizations Conference*, Granby, CO, July 2013.
- [C24] Wanberg, J. and **Javernick-Will, A.** Taylor, J.E. and Paul Chinowsky (2013). "A Useful Knot or a Deadly Noose?: The Effects of Organizational Divisions on Informal Knowledge Sharing Networks". 2013 *Engineering Project Organizations Conference*, Granby, CO, July 2013.
- [C23] Litchfield, K. and **A. Javernick-Will** (2013). "Exploring Motivations for Engineers Without Borders-USA". 2013 *Engineering Project Organizations Conference*, Granby, CO, July 2013.
- [C22] Litchfield, K. and **A. Javernick-Will** (2012). "Perceptions of Engineering Identity: Diversity and EWB-USA". 2012 *Frontiers in Education Conference*, Seattle, WA, October 2012.
- [C21] Wanberg, J., **Javernick-Will, A.**, Chinowsky, P. and John Taylor (2012). "Near and Far"; The Mechanics and Dynamics of Boundary Spanning Knowledge Sharing Connections in Engineering and Construction Organizations". 2012 *Engineering Project Organizations Conference*, Netherlands, July 2012.
- [C20] Jordan, E. **Javernick-Will, A.**, and Bernard Amadei (2012). "A Qualitative Comparative Analysis of Neighborhood Recovery following Hurricane Katrina". 2012 *Engineering Project Organizations Conference*, Netherlands, July 2012.
- [C19] Alsamadani, R.*, Hallowell, M., **Javernick-Will, A.** and Jay Cabello (2012). "Relationships among Language Proficiency, Communication Patterns, and Safety Performance in Small Work Crews in the United States". 2012 *Engineering Project Organizations Conference*, Netherlands, July 2012.⁶

⁶ Best Paper Award

- [C18] Litchfield, K., **Javernick-Will, A.**, and Cathy Leslie (2012). Collaborative Research: Gender Diversity, Identity, and EWB-USA. *2012 American Society of Engineering Education Conference*, San Antonio, TX, June 2012.
- [C17] Wanberg, J. and **A. Javernick-Will** (2012). Long and High Jumps: Knowledge Sharing Connections that span Geographic and Disciplinary Boundaries in Interdisciplinary Intra-Firm Networks. *2012 Construction Research Congress*, West Lafayette, IN, May 2012.
- [C16] Jordan, E. and **A. Javernick-Will** (2012). Measuring Community Resilience and Recovery: A Content Analysis of Indicators *2012 Construction Research Congress*, West Lafayette, IN, May 2012.⁷
- [C15] Senesi, C., **Javernick-Will A.**, and Keith Molenaar (2012). Barriers to Applying Probabilistic Risk Analysis in Design and Construction Projects. *2012 Construction Research Congress*, West Lafayette, IN, May 2012.
- [C14] Kaminsky, J. and **A. Javernick-Will** (2012). Factors Influencing Design-Life Infrastructure Sustainability. *2012 Construction Research Congress*, West Lafayette, IN, May 2012.
- [C13] Kaminsky, J., Casias, C., **Javernick-Will, A.**, and Cathy Leslie (2012). Expected Outcomes of a Construction Career: Gender Identity and Engineer's without Borders-USA. *2012 Construction Research Congress*, West Lafayette, IN, May 2012.
- [C12] Chatterley C.*, **Javernick-Will, A.** and Karl Linden (2011). WASH in Belizean Schools: Returning to Learn from Successes and Challenges. *2011 UNC WASH Conference*.
- [C11] **Javernick-Will, A.** (2011). Intra-firm, Interdisciplinary Networks in Multi-National Engineering Organizations. *2011 MISBE Conference*. Amsterdam, Netherlands, June, 2011.
- [C10] **Javernick-Will, A.** (2011). Establishing Knowledge-Sharing Connections across Boundaries in Multi-disciplinary, Multi-national CoP's. *2011 EPOC Conference*. Estes Park, Colorado, August, 2011.⁸
- [C9] Jordan, E., **Javernick-Will A.**, and Bernard Amadei (2011). Pathways to Community Recovery and Resiliency. *2011 EPOC Conference*. Estes Park, Colorado, August 2011.⁹
- [C8] Kaminsky, J., and **A. Javernick-Will** (2011). Sanitation Networks in Developing Communities. *2011 EPOC Conference*. Estes Park, Colorado, August 2011.
- [C7] **Javernick-Will, A.** (2010). "The Embedment of a Knowledge Management Program in an Engineering Organization". *2010 CRC (Construction Research Council) Conference*, Banff, Canada May, 2010.
- [C6] **Javernick-Will, A.**, Chinowsky, P. and Christopher Senesi (2010). Disasters: Impact of Country Level Variables on Recovery Progression *Engineering Project Organizations Conference*. Tahoe, CA, November 2010.
- [C5] **Javernick-Will, A.** (2010). The paradox of embeddedness: Local knowledge and knowledge management strategies for multi-national project-based firms. *2010 American Society of Engineering Management Conference*. Northwest Arkansas, Arkansas, October, 2010.
- [C4] **Javernick-Will, A.** and Raymond E. Levitt† (2009). "Acquiring Local Knowledge for International Projects." *ASCE Construction Research Congress*, Seattle, WA, April 2009.

⁷ Best Paper Award

⁸ Best Presentation Award

⁹ Outstanding PhD Student Award

- [C3] **Javernick-Will, A.** and Raymond E. Levitt† (2009). “Knowledge as a contingency Variable for Organizing Knowledge management solutions”. *2009 ASCE LEAD Conference*, Lake Tahoe, California, November 2009.
- [C2] Zerjav, V.* and **A. Javernick-Will** (2009). “Motivators and Critical Factors for Worksharing in Design and Engineering Networks”. *2009 ASCE LEAD Conference*, Lake Tahoe, California, November, 2009.
- [C1] **Javernick-Will, A.**, Levitt, R.E.†, and W. Richard Scott (2008). “Mobilizing Knowledge for International Projects”. *2008 ASCE LEAD Conference*, Lake Tahoe, California, October 2008.¹⁰

OTHER CONFERENCE PROCEEDINGS

- [C1] Zerjav, V.* and **Javernick-Will, A.** (2009). “Identifying Key Characteristics of Distributed Design and Engineering Work through Exploratory Research”. *Association of Researchers in Construction Management (ARCOM) Doctoral Workshop*, Liverpool, UK, May 2009.
- [C2] Tracy, A. and **Javernick-Will, A.** (2018). “Trust of information sources regarding oil and gas development and induced seismicity.” Presentation. *24th International Symposium on Society and Natural Resources*, Salt Lake City, Utah, June 2018

INVITED PROFESSIONAL PRESENTATIONS

- [P28] Invited Workshop for the Institute of Behavioral Science’s Interdisciplinary Training in the Social Science’s Workshop on Qualitative Methods. “Qualitative Comparative Analysis (QCA) and Fuzzy-Set Qualitative Comparative Analysis (fsQCA): Methods and Analytic Tools”, Boulder, CO, April 2019.
- [P27] Invited Award Acceptance Plenary for the Daniel W. Halpin Award for Scholarship in Construction. “The Society-Infrastructure Nexus: Networks, Resilience, & Recovery”. 2018 Construction Research Congress, New Orleans, Louisiana, April 2018.
- [P26] Invited Panelist. Natural Hazards’ Interdisciplinary Methods and Approaches for Hazards and Disaster Research: A National Science Foundation Workshop Series, Boulder, CO, February 2018.
- [P25] Stanford University’s Frontiers Seminar Series, “Frontiers in Disaster Research: Resilient Infrastructure and Communities”, Stanford, CA, November 2017.
- [P24] Auckland City Council Workshop, “Post-Disaster Reconstruction and Recovery”, Auckland, New Zealand, May 2017.
- [P23] University of Auckland, Inaugural speaker for the Climate Adaptation Technical Seminar, “Post-Disaster Reconstruction and Recovery”, Auckland, New Zealand, May 2017.
- [P22] University of Canterbury, “Post-Disaster Recovery: Resilient Infrastructure and Communities”, Christchurch, New Zealand, February 2017.
- [P21] iRec, “Participation Pathways to Increased Social Capital in Humanitarian Shelter Projects”, Toronto, CA, June 2017.
- [P20] Philippines Shelter Cluster Meeting, “Post-Disaster Recovery in the Philippines”, Manilla, Philippines, November 2016.

¹⁰ Best Paper Award

- [P19] United Nation's Habitat 3 Conference, Interaction Organization Session, "Partnering to foster Holistic Post-Disaster Recovery through Research: Resilient Infrastructure and Communities", Quito, Ecuador, October 2016.
- [P18] Department of Energy, "Network Strategies to enhance Organizational Knowledge Sharing", University of Colorado Boulder, Boulder, CO, August 2016
- [P17] Georgia Tech Frontiers Seminar Series "Frontiers in Disaster Research: Resilient Infrastructure and Communities", Georgia Tech, GA, January 2016.
- [P16] "Social Network Analysis in Civil Infrastructure Systems", CU-Boulder, November 2015.
- [P15] Plenary, National Academy of Engineering, 2015 Frontiers of Engineering Education Symposium "Exploring Engineers of the Future through Engineers without Borders", October 2015.
- [P14] Valencia Construction Conference "Organizational Knowledge Sharing, Valencia, Spain, May, 2015.
- [P13] Guest Lecture Series, University of Colorado-Denver. Invited talk to present "Disaster Recovery in Sri Lanka and India", Denver, CO, February 2015.
- [P12] National Science Foundation Fellowship and invited presentation at NSF North America East Asia For Big Data on ISBR. "Post-disaster reconstruction processes and coordination networks". Beijing, China. September, 2014.
- [P11] American Association of Engineering Societies Board Meeting, "Who will be the Future Engineers?", Washington D.C., October, 2013.
- [P10] Humanitarian Engineering Guest Lecture Series, Colorado School of Mines, October, 2013.
- [P9] Construction Industry Institute Global Community of Practice, "How well is your organization exchanging knowledge globally?". Virtual Meeting, July 2013.
- [P8] Construction Owner's Association Conference "Managing the Design Process for Design-Build Projects". Atlanta, GA, May 2013.
- [P7] Northwest Construction Consumer Council Conference "Predicting Project and Organizational Outcomes using Network Analysis". Seattle, WA, November 2012.
- [P6] USAID (United States Agency for International Development) Post-Disaster Infrastructure Reconstruction Workshop "Measuring Community Resilience and Post-Disaster Recovery", Washington DC, December 2012.
- [P5] Organization Science Winter Conference, "Future Directions in Organizational Memory", Steamboat Springs, CO, February 2011.
- [P4] Indian Institute of Technology, "Understanding Knowledge Acquisition and Transfer for Global Development, Contracting and Engineering Firms", Chennai, India, April 2008.
- [P3] Helsinki University of Technology, "Knowledge Transfer for firms engaged in International Projects", Helsinki, Finland, February 2008.
- [P2] USGBC Greenbuild 2006, "Environmental Protection Agency Region 8 Headquarters", Denver, CO, November 2006.
- [P1] 2006 National Workshop on State Building Energy Codes, "Sustainable Development" with Shane Brady, US EPA; Cathy Berlow, US EPA; Courtney France, AEC., U.S. Department of Energy, Denver, CO, August 2006.

PROFESSIONAL DEVELOPMENT

- National Science Foundation Coastlines & People Workshop*, San Diego, CA, September 2018.
National Science Foundation Research in Engineering Practice Workshop, San Jose, CA, October 2018.
Crucial Accountability course, Boulder, CO, June 2018.
Crucial Conversations course, Boulder, CO, June 2017.
Philippines Shelter Cluster Meeting, November 2016.
United Nation's Habitat 3 Conference, October 2016.
Penn State PACE, Innovation Research Roadmapping Workshop, June 2015.
National Science Foundation IDEAS Lab, Virginia, March 2014.
Presenting Data and Information, Edward Tufte in Denver, CO for Friday, July 2012
ASCE ExCEED Teaching Workshop, Hosted by the University of Colorado at Boulder, CO, July 2010.
National Science Foundation CAREER Workshop, Hosted by the University of Connecticut, Hartford, CT, April 2011.
National Science Foundation Construction Engineering Conference, Virginia Tech, Blacksburg, VA, 2010.

FUNDED RESEARCH PROJECTS

Under Review

In Progress

- [R20] 2019 Innovative Seed Grant Program (ISGP). “Building seismic resilience of incrementally-constructed buildings”. \$49,845. May 2019- May 2022. PI: Abbie Liel, co-PI: Amy Javernick-Will, Collaborator: Orlando Arrayo.
- [R19] National Science Foundation, IMEE, “Building Capacity for Safer Post-Disaster Shelter: Leveraging Local Understanding and Advanced Engineering Assessments”, \$499,867, May 2019- May 2022. PI: Javernick-Will, co-PIs: Abbie Liel and Matthew Koschmann
- [R18] Office of Postsecondary Education (OPE): Graduate Areas of National Need (GAANN): Integrative Reengineering of Infrastructure for Tomorrow’s Communities. \$1.2 million. December 2018 – November 2023. PI: Abbie Liel, co-PIs: Shideh Dashti, Amy Javernick-Will, Joseph Kasprzyk, Kyri Baker, Sherri Cook.
- [R17] 2017 Innovative Seed Grant Program (ISGP). “Post-disaster Housing Reconstruction: Participation, Performance, and Community Resilience”. \$49,927. July 2017-December 2019. PI: Amy Javernick-Will, co-PI: Abbie Liel.
- [R16] United States Agency for International Development (USAID). Systematic Action Learning for WASH: Comparative systems learning and methods for WASH sustainability. Water Office BAA-OAA-SWS-2016, \$15,329,049. October 2016-September 2021. PI: Karl Linden. co-PI: Amy Javernick-Will.
- [R15] Office of Postsecondary Education (OPE): Graduate Areas of National Need (GAANN)—Engineering Community Resilience. Program CFDS Number 84.200A. \$885,834, August 2015- August 2020. PI: Ross Corotis; co-PIs: Angela Bielefeldt, Keith Porter, Abbie Liel, Shideh Dashti and Amy Javernick-Will.
- [R14] National Science Foundation, Hazards SEES: The Risk Landscape of Earthquakes Induced by Deep Wastewater Injection, Co-PI, \$2,997,112, September 2015-August 2020. PI: Abbie Liel; Role: co-PI.

Completed

- [R13] National Science Foundation, Civil Infrastructure Systems (CiS) and Infrastructure Management in Extreme Events (IMEE), “Resilient and Sustainable Infrastructure Systems: Post-Disaster Reconstruction Processes and Stakeholder Networks”. PI: Amy Javernick-Will; co-PI: Matthew Koschmann. \$300,101 [CU: \$300,101]. September 2014-May 2019.
- [R12] National Science Foundation, Science of Organizations (SoO), “Knowledge Governance and its Effects on Knowledge Mobilization”. PI: Amy Javernick-Will; co-PI: Tony Tong. \$301,695 [CU: \$301,695], September 2014-August 2019.
- [R11] National Science Foundation, Resilient Infrastructure Processes and Systems (RIPS) Type 1: “The Interdependence of Built, Social and Information Infrastructures for Community Resilience: A Participatory Process”. PI: Abbie Liel, co-PIs: Leysia Palen, Bruce Goldstein, Shideh Dashti, Amy Javernick-Will \$299,219 [CU: \$299,219]. October 2014-September 2015.
- [R10] Construction Industry Institute (CII), RT325, Maximizing the Performance of Virtual Teams, PIs: John (JT) Taylor, Amy Javernick-Will. \$231,160 [CU: \$58,162]. May 2014-September 2016.
- [R9] San Francisco County Transportation Authority (SFCTA), “A Case Study Comparing Conventional Project Delivery and Public-Private Partnership”. PIs: Qingbin Cui, Keith Molenaar, co-PI: Amy Javernick-Will. \$489,542 [CU:\$100,000].
- [R8] National Cooperative Highway Research Program, NCHRP08-36, Task 121, “Successful Implementation of Enterprise Risk Management in State Transportation Agencies”. PI: Keith Molenaar, co-PIs: Amy Javernick-Will and Matthew Hallowell. \$74,967 [CU:\$74,967], September 2013-August 2014.
- [R7] National Science Foundation, REU Supplement: Investigating the Structure of EWB-USA project teams, \$17,494, 2012-2016 [CU: \$17,494]. PI: Amy Javernick-Will.
- [R6] National Science Foundation, IMEE, “A Qualitative Comparative Analysis of Community Recovery”, PI: Javernick-Will, co-PIs: Bernard Amadei, Kathleen Tierney, Charles Ragin, \$269,989 [CU:\$254,990], April 2012- September 2016.
- [R5] National Science Foundation, VOSS, "VOSS: Creating Global, Multi-Lateral, Knowledge-Sharing Communities of Practice", PI: Javernick-Will; co-PIs Paul Chinowsky, Mark Riddle, John Taylor, \$399,806 [CU:\$349,871], October 2011- September 2015.
- [R4] National Science Foundation, REE, “Collaborative Research: Gender Diversity, Identity and EWB-USA”, PI: Javernick-Will, co-PI: Cathy Leslie, \$268,138 [CU: \$256,869], September 2011-December 2016.
- [R3] University of Colorado—President’s Learning and Teaching Collaborative, Assessment of Teaching Interventions on Learning Objectives for Global Engineering, \$1,550 [CU: \$1,550], 2011-2013.
- [R2] Construction Industry Institute (CII), “Methods for Dealing with Uncertainty—Applying Probabilistic Controls in Construction”, PIs Keith Molenaar and Amy Javernick-Will, \$176,335, April 2010-August 2013.
- [R1] Center for Integrated Facility Engineering (CIFE) and the Collaboratory for Research on Global Projects (CRGP), “Understanding Knowledge Acquisition and Transfer by Global

Development, Construction and Engineering Firms”, PI Javernick-Will, co-PI Levitt, April 2007 – April 2009, \$40,000 (Stanford).

TEACHING

New Course Development

Spring, 2010, *CVEN 5836 Global Projects and Organizations*, Graduate Elective, 3 credit hours. Created a new course for students focusing on global projects and organizations. This course examines institutional differences between project participants and looks at current literature regarding the challenges of global projects- social movements, project governance, etc.

Spring, 2011, *CVEN 5836 Managing Projects and Organizations*, Graduate Course, 3 credit hours. Created a new course for students, combining 3 lectures from prior course on Engineering Organizations, 7 lectures from Global Projects and Organizations, newly developed the remaining lectures to include case studies, readings and discussion on strategy, resource management, organizational structure, stratification, and managing groups and teams.

Spring, 2012, *CVEN 5206 Design Development*, Graduate Course, 3 credit hours. Redeveloped a course for students that analyzes the financial feasibility of projects through net operating income (NOI) statements and design decisions that influence financial feasibility. Describes the interdisciplinary process of design decisions, managing the design process, and feasibility considerations with the local municipalities. Culminates in a response to a Request For Proposal (RFP) with the design, conceptual estimate, conceptual schedule, and financial statements for a project.

Fall, 2014, *AREN 4506, Pre-construction Estimating and Scheduling*, Undergraduate Elective, 3 credit hours. Developed a course for students that teaches pre-construction project planning, estimating and scheduling. Students are introduced and complete estimating and scheduling assignments, complete multiple labs for software, including RS Means and P6, and schedule and estimate a project.

Courses Taught

Course Number	Course Name	Type of Class	Semesters	Number of Students
AREN 4506	Preconstruction Estimating and Scheduling	Undergraduate Elective	Fall 2014	34
			Spring 2015	24
			Fall 2015	27
			Fall 2017	40
			Fall 2018	47
AREN 4466	Construction Planning and Scheduling	Undergraduate Elective	Fall 2010	44
			Fall 2011	67
			Fall 2012	52
			Fall 2013	36
CVEN 5206	Design-Build Development	Graduate Elective	Spring 2012	21
			Spring 2013	18

CVEN 5836	Managing Projects and Organizations	Graduate Requirement	Spring 2011	16
			Fall 2012	19
			Fall 2013	12
			Fall 2014	12
			Spring 2016	21
			Spring 2018	14
			Spring 2019	14
CVEN 5836	Global Projects and Organizations	Graduate Requirement	Spring 2010	14

STUDENT ADVISING (all titles shortened to encompass main ideas for brevity)*Collaboratively advised/chaired; +Co-Chaired; ¹MS thesis option; ²MS report option**Current Graduate Student Committees Chaired**

Goldwyn, Briar	PhD	“Self-Recovery Outcomes”	Expected 2023
Cord, Caleb	PhD ⁺	TBD	Expected 2022
Chintalapati, Pranav	PhD ⁺	TBD	Expected 2022
Pugel, Kimberly	PhD	“Understanding WASH Systems & Networks”	Expected 2022
Valcourt, Nicholas	PhD	“WASH Systems Analysis”	Expected 2019
Harper, James	PhD [*]	“Behavior Change & FSM”	Expected 2020
Venable, Casie	PhD [*]	“Disaster Recovery and Resiliency”	Expected 2020
Tracy, Andrew	PhD	“Induced Seismicity and Information Networks”	Expected 2020
Palagi, Shaye	PhD	“Relocation and Infrastructure Resiliency”	Expected 2019

Former Graduate Student Committees Chaired*

Davis, Allie	PhD [*]	“Sustainable Sanitation Systems”	Graduated 2019
Belenguer Alejandro	MS ²	“Implementation of Lessons Learned Program”	Graduated 2018
Arneson, Erin	PhD [*]	“Construction Capacity”	Graduated 2018
Olearts, Liesbet	MS ¹⁺	“P3 for WASH Service Sustainability”	Graduated 2018
Poleacovschi, Cristina	PhD	“Knowledge Governance”	Graduated 2017
Opdyke, Aaron	PhD	“Post-disaster infrastructure construction”	Graduated 2017
Zerio, Alex.	MS ¹	“Learning Styles and Post-disaster Training”	Graduated 2017
Antillon, Eric	PhD [*]	“P3’s and Life-cycle decision-making”	Graduated 2016
Beatelmal, Wesam	PhD [*]	“Asset Management in Developing Countries”	Graduated 2016
Walters, Jeff	PhD [*]	“Sustainable Systems: Rural Water”	Graduated 2015
Leprope, Florence	MS ¹	Post-disaster Coordination Networks	Graduated 2015
Litchfield, Kaitlin	PhD	“Gender, Identity and Engineering”	Graduated 2014
Wanberg, John	PhD	“CoPs & Knowledge Mobilization”	Graduated 2014
Anderson, Barbara	MS ¹	“Post-disaster NGO coordination ”	Graduated 2014
Kaminsky, Jessica	PhD	“Sustainable Sanitation”	Graduated 2013
Jordan, Elizabeth	PhD	“Pathways to Community Recovery”	Graduated 2013
Berteaux, Florence	MS ¹	“Adaptation vs. Integration”	Graduated 2013
Choi, Jung Kue	MS ²	“Real Estate Challenges of Songdo City”	Graduated 2013
Senei, Maryam	MS ¹	“Generation spanning Knowledge Exchange”	Graduated 2012
Senesi, Christopher	MS ¹	“Probabilistic Controls”	Graduated 2012
Arnold, Paul	MS ¹	“Project Wide Access”	Graduated 2011

Alrakhayes, Shahed	MS ²	“Enterprise Risk Management”	Graduated 2011
La Ratta, Anna	MS ¹	“Project Scope Management” <i>University of Calabria, Italy (Co-Advisor)</i>	Graduated 2011
Jouandou, Remi	MS ¹	“Probabilistic Controls”	Graduated 2010

Graduate Committee Participation (other than primary advisor)

Past Graduates

Bittel, Elizabeth	PhD	University of Colorado Boulder	Graduated 2019
Zelinka, David	PhD	University of Colorado Boulder	Graduated 2019
Kwiatkowski, Kyle	PhD	University of Colorado Boulder	Graduated 2017
Albattah, Mohammed	PhD	University of Colorado Boulder	Graduated 2016
Myers, Beth	PhD	University of Colorado Boulder	Graduated 2016
Forbes, Marissa	PhD	University of Colorado Boulder	Graduated 2016
Rulifson, Greg	PhD	University of Colorado Boulder	Graduated 2015
France, Todd	PhD	University of Colorado Boulder	Graduated 2015
Harper, Chris	PhD	University of Colorado Boulder	Graduated 2014
Booth, Emily	MS ²	University of Colorado Boulder	Graduated 2014
Canney, Nathan	PhD	University of Colorado Boulder	Graduated 2013
Sobin, Nat	PhD	University of Colorado Boulder	Graduated 2013
Alsamadani, Rayyan	PhD	University of Colorado Boulder	Graduated 2013
Chatterley, Christie	PhD	University of Colorado Boulder	Graduated 2013
Tixior, Antoine	MS ¹	University of Colorado Boulder	Graduated 2013
O’Brien, John	PhD	University of Colorado Boulder	Graduated 2012
Crawford, Mac	MS ¹	University of Colorado Boulder	Graduated 2012
Baud, Kevin	MS ¹	University of Colorado Boulder	Graduated 2012
Matsumura, Kristen	MS ¹	University of Colorado Boulder	Graduated 2012
Issa, Ibrahim	MS ²	University of Colorado Boulder	Graduated 2011
Roucheray, Marielle	MS ²	University of Colorado Boulder	Graduated 2011
Morales, Arturo	MS ¹	University of Colorado Boulder	Graduated 2011
Chi, Shu Fang	PhD	Stanford University	Graduated 2011

Current Students

Chambers, Katie	PhD	University of Colorado Boulder	2019 – Current
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Undergraduate Research Advising

Shakir, Nadir	DLA	FSM	2018-2019
Gray, Kathryn	DLA	“Resettlements: Holistic Recovery?”	2018-2019
Hendricks, Jess	DLA	“Lightly Engineered Shelter Screening Tool”	2018-2019
Golec, Tesia	DLA	“Success and Failure of Sanitation in India”	2017-2018
Lannis, Alexi	DLA	“WASH Factor Systems”	2017-2018
Berger, Joel	DLA	“Post-Disaster Shelter Performance”	2017-2018
Eiss, Sydney	DLA	“Resilience in Resettlement Sites”	2017-2018
Gebremedhin, Mussie	URA	“(f)actor systems in WASH”	2017-2018
Thompson, Vanessa	URA	“Sustainable Sanitation in India”	2017
Riley, Austin	DLA	“Decision-making for Disaster Risk Reduction”	2016-2017
Geer, Garret	DLA	“Sustainable Sanitation in India”	2016-2017
Klucik, Rudolf	URA	“Webcrawling: Induced Seismicity Networks”	2016-2017

Baummer, Devon	DLA	“Information Seeking around Induced Seismicity”	2016-2017
Grunwald, Bryn	URA	“Post-disaster construction training”	2015-2016
Moench, Hannah	URA	“Post-disaster coordination in the Philippines”	2015-2016
Goddard, Haley	URA	“Knowledge Governance”	2014-2016
Fohrman, Maya	URA	“Post-disaster coordination in the Philippines”	2014
Palagi, Shaye	DLA	“Disaster Recovery in Sri Lanka”	2013-2015
Watcher, Alayna	REU	“EWB Project Team Structure”	2012-2015
Bryne, Jessica	URA	“Expected Outcomes in an Engineering”	2012-2014
Walker, Amanda	URA	“Boundary-spanning knowledge sharing”	2012- 2013
Havener, Celeste	DLA	“Disaster Recovery in Communities”	2012- 2013
Patel, Smit	DLA	“Time Zones, Boundaries and Knowledge”	2012- 2013
Casias, Casey	DLA	“EWB and Me”	2011-2012
Nagahashi, Kevin	IS	“Motivations and Knowledge Sharing”	2012
Kapatayes, Christin	DLA	“Global Organizations: Knowledge Networks”	2010-2011
Peterson, Adam	Honors	“Design Management in D/B”	2010-2011
Nguyen, Long	IS	“Productivity Considerations”	2011
Bennett, Kevin	IS	“BIM and Scheduling”	2011
McFarling, Samantha	IS	“Gender, Identity and EWB-USA”	2011
Dorr, Nathan	IS	“Lessons Learned from projects”	2011
Krieder, Matthew	IS	“Global Knowledge”	2011
Kainer, Michael	IS	“Scheduling and Active Learning”	2010

STUDENT AWARDS

Venable, Casie	USAID/OFDA Graduate Student Fellowship	2019
Davis, Allie	Rotary District 5450 Grant	2019
Harper, James	Rotary District 5450 Grant	2019
Eiss, Sydney	Best Paper Award, Natural Hazards Society	2018
Pugel, Kimberly	Best Presentation Award, EPOC	2018
Venable, Casie	ASCE New Faces of Civil Engineering	2018
Davis, Allie	Beverly Sears Graduate Student Grant	2018
Pugel, Kimberly	Dean’s Assistantship for Excellence	2017
Palagi, Shaye	USAID/OFDA Graduate Student Fellowship	2017
Palagi, Shaye	NSF GRFP	2017
Opdyke, Aaron	USAID/OFDA Graduate Student Fellowship	2016
Opdyke, Aaron	Best Paper Award, EPOC 2016	2016
Davis, Allie	MCEDC Fellowship	2015-2016
Davis, Allie	Dean’s Fellowship	2015
Poleacovschi, Cristina	Best Paper Award, EPOC 2015	2015
Poleacovschi, Cristina	CII Best Poster Award	2015
Palagi, Shaye	Dean’s Assistantship for Excellence	2015
Walters, Jeff	Outstanding Poster Award, EPOC	2014
Arneson, Erin	CEAE Graduate Fellowship	2014
Poleacovschi, Christina	AACE Scholarship	2014
Palagi, Shaye	CEAE, DLA Best Poster Award	2014
Poleacovschi, Christina	Deans Fellowship	2013
Poleacovschi, Christina	CEAE Graduate Fellowship	2013
Kaminsky, Jessica	Outstanding PhD Student, EPOC	2013

Litchfield, Kaitlin	MC-EDC Fellowship	2012
Wanberg, John	CII Poster Selection Invite	2012
Kaminsky, Jessica	EPA STAR Fellowship	2011-2014
Kaminsky, Jessica	MC-EDC Fellowship	2011
Kaminsky, Jessica	Deans Fellowship	2010-2011
Kaminsky, Jessica	EWB Fellowship	2011
Kaminsky, Jessica	CEAE Graduate Fellowship	2010-2012
Jordan, Elizabeth	Deans Fellowship	2010-2011
Jordan, Elizabeth	Outstanding PhD Student, EPOC	2011
Jordan, Elizabeth	MC-EDC RA	2011
Chatterley, Christie	Water and Health 2011 Scholarship	2011

SERVICE ACTIVITIES

Editor:

Editorial Board, Journal of Construction Management and Economics (2019-Current)

Editor, Journal of Construction Management and Economics (2016-2019)

Assistant Specialty Editor, Journal of Construction Engineering and Management (2011-2016)

Special Issue Editor:

Co-Editor, Special Issue: “Dr. Raymond Levitt Festschrift”, *Journal of Construction Management and Economics*

Co-Editor, Special Issue: Sheltering and Housing Displaced Populations, *Sustainability*

Peer Review:

Water (2019-present)

Sustainability (2019-present)

International Journal of Disaster Risk Reduction (2018-present)

Habitat (2018-present)

Natural Hazards Review (2016-present)

Engineering Management Journal (2014-present)

International Journal of Project Management (2014-present)

Environmental Science and Technology (2014-present)

Journal of Engineering Education (2014-present)

Canadian Journal of Civil Engineering (2014-present)

Journal of Automation in Construction (2012-present)

Journal of Construction Engineering and Management (2009-present)

Journal of Construction Management and Economics (2009-present)

Journal of Management in Engineering (2009-present)

Journal of Professional Issues in Engineering Education and Practice (2013-present)

ASCE Construction Research Congress (2009, 2010, 2012, 2015, 2016)

Engineering Project Organizations Conference (2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016)

National Science Foundation panel and desk reviewer (2009-present)

ASCE Sustainable Built Environment Proceedings (2011)

ASEM Proceedings (2010)

ASCE Book Publication, MegaProjects (2011)

Engineering News Record (ENR) Best Projects Judge (2012)

Hong Kong Research Council reviewer (2012)
Qatar Research Foundation reviewer (2013)

Conference Session Chair:

2019 Engineering Project Organizations Conference (EPOC), Conference Co-Chair, Vail, Colorado
2019 Academic-Practitioner Collaborative Research. Forum, Washington, DC
2017 Engineering Project Organizations Conference (EPOC), Technical Committee, Stanford, California
2016 Engineering Project Organizations Conference (EPOC) Technical Committee, Cle Elum, Washington
2016 Construction Research Congress (CRC) Technical Committee and CII Track Chair, Puerto Rico
2015 International Construction Specialty Conference (ICSC) Technical Committee and CII Track Chair, Vancouver, BC
2014 ASCE Construction Research Congress, Atlanta, GA (Organizational Issues Track Chair)
2013 Engineering Project Organizations Conference, Granby CO
2012 Engineering Project Organizations Conference, Conference Technical Chair, Netherlands
2012 ASCE Construction Research Congress, West Lafayette, IN (Organizational and Labor Issues Track Chair)
2011 Engineering Project Organizations Conference, Estes Park, CO (Organizations Track Chair)

Committee Participation:

National

Humanitarian Shelter and Settlements Academic/Practitioner Steering Committee, Interaction (2019-current)
2019 Academic-Practitioner Collaborative Research Forum, funded by USAID, Washington, DC, Planner and Panelist
NAE 12-member panel to “Understanding the Engineering Education—Workforce Continuum” (2013-2018)
Construction Industry Institute, Academic Leadership Committee & Chair of CII Academic Conference Sessions (2014-2016)
Engineering News Record Outstanding Projects Judge, Mountain Region (2012)
ASCE Construction Research Council (2009-present)
ASCE Sustainable Engineering Design Reference Guide, Social Dimensions (2011-2012)
Construction Industry Institute, Academic Committee (2010-2016)
Construction Industry Institute, Poster Committee and Judge (2010-2013)
Construction Industry Institute, Global Community of Practice, Academic Co-Chair (2012-2016)
Building Futures Council (2010-2011)
Project Management Institute (2009-2011)
American Society of Civil Engineers (2008-present)
Design Build Institute of America (2008-2009)
United States Green Building Council (2005-2009)
Engineering Project Organizations Society (EPOS) (2009-present)
Young Americas Coordinator, EPOS (2010-2016)

University

Academic Affairs Advisory Committee (2017- present)

Campus Listener, Academic Futures (2017- present)
Associate Director, Mortenson Center in Engineering for Developing Communities (2015-present)
Faculty Leadership Affairs Group (FLAG), College of Engineering and Applied Sciences (2015-present)
Boulder Faculty Affairs Leadership Committee (2014-2015)
Gold Shirt Program (2011-2015)
Football Recruiting (2012-2013)
High School Honors Institute (2010)
Global Development Planning Cohort, University of Colorado-Boulder (2012-present)

Department

Curriculum Committee, Department of Civil, Environmental, and Architectural Engineering, University of Colorado (2017-current)
EDC Faculty Search Committee, Department of Civil, Environmental, and Architectural Engineering, University of Colorado (2017-2018)
Civil Systems Group Leader, Department of Civil, Environmental, and Architectural Engineering, University of Colorado (2017-current)
EDC Instructor Search Committee, Department of Civil, Environmental, and Architectural Engineering, University of Colorado (2017)
CEAE Faculty Search Committee, Department of Civil, Environmental, and Architectural Engineering, University of Colorado (2015-2016)
Graduate Committee, Department of Civil, Environmental, and Architectural Engineering, University of Colorado (2010-2012; 2014-2016)
Curriculum Committee, Department of Civil, Environmental, and Architectural Engineering, University of Colorado (2012-2014)
Awards Committee, Department of Civil, Environmental, and Architectural Engineering, University of Colorado (2010-2011)
Construction Engineering and Management Program Faculty Search Committee, Department of Civil, Environmental, and Architectural Engineering, University of Colorado (2011-2012)
Chi Epsilon Faculty Advisor (2011-2013)
Scribe for CEAE Meetings (2010)
Chi Epsilon (1997-present)