

CURRICULUM VITAE (CV)

CV SECTION 1: Employment History/Awards

NAME

Mehmet Egemen Ozbek, PhD

ADDRESS

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EDUCATION

- 2007 Ph.D. in Civil Engineering- Construction Engineering and Management Program, Virginia Tech, Blacksburg, VA.
- 2004 M.S. in Civil Engineering - Construction Engineering and Management Program, Virginia Tech, Blacksburg, VA.
- 2002 B.S. in Civil Engineering- Construction Engineering and Management Track, Middle East Technical University, Ankara, Turkey.

ACADEMIC POSITIONS

- (July 2021-Present) Professor and Joseph Phelps Endowed Chair, Department of Construction Management, Colorado State University
- (July 2020-July 2021) Professor, Department of Construction Management, Colorado State University
- (July 2019-July 2020) Associate Professor and Interim Department Head, Department of Construction Management, Colorado State University
- (December 2018-July 2019) Associate Professor and Acting Department Head, Department of Construction Management, Colorado State University
- (July 2014-December 2018) Associate Professor and Graduate Program Coordinator, Department of Construction Management, Colorado State University
- (August 2009-July 2014) Assistant Professor and Graduate Program Coordinator, Department of Construction Management, Colorado State University
- (June 2010) Visiting Professor, Civil, Environmental, and Architectural Engineering Department, University of Colorado at Boulder
- (June 2009) Visiting Professor, Civil, Environmental, and Architectural Engineering Department, University of Colorado at Boulder
- (August 2008-August 2009) Assistant Professor, Department of Construction Management, Colorado State University

- (December 2007-August 2008) Postdoctoral Research Associate, Department of Civil and Environmental Engineering, Virginia Tech
- (August 2002-December 2007) Graduate Research Assistant, Department of Civil and Environmental Engineering, Virginia Tech

SABBATICALS

(2020-2021) I spent my sabbatical as a visiting professor in the Civil Engineering Department at the University of Colorado, Denver (CU Denver), specifically in the Construction Engineering and Management program.

OTHER POSITIONS

- (Summer 2001) Intern-Estimator and Claims Analyst, VINSAN Headquarters, Ankara, Turkey
- (Summer 2000) Intern-Field Engineer, VINSAN, Infrastructure Project, Marmaris, Turkey
- (Summer 1999) Intern-Field Engineer, VINSAN, Infrastructure Project, Marmaris, Turkey

HONORS AND AWARDS

1. 2024, **Best Presentation Award**, 8th Annual Inter-University Symposium on Infrastructure Management, Boulder, CO
2. 2024, **Colorado State University Career Impact Award Honoree**, Colorado State University, Fort Collins, CO
3. 2024, **Department of Construction Management Outstanding Researcher Award**, Colorado State University, Fort Collins, CO
4. 2024, **College of Health and Human Sciences Faculty Excellence in Diversity, Equity, and Inclusion Award**, Colorado State University, Fort Collins, CO
5. 2023, **Best Paper 3rd Place Award**, International Council for Research and Innovation in Building Construction W070 Conference on Facility Management and Maintenance 2023, Trondheim, Norway.
6. 2022, **Best Presentation Award**, ASEA SEC 6 Conference: Achieving Technical Excellence with Data Analytics in Materials, Structural Engineering and Construction
7. 2020, **ASC Regional Outstanding Educator Award**, Associated Schools of Construction
8. 2020, **Excellence in Education Abroad Curriculum Design**, the Forum on Education Abroad
9. 2019, **Scientific Teaching Fellow**, Colorado State University, Fort Collins, CO
10. 2018, **College of Health and Human Sciences Superior Faculty Service Award**, Colorado State University, Fort Collins, CO
11. 2016, **Faculty Coach for the First Place Winner**, Associated Schools of Construction Region 6 Commercial Construction Competition, Reno, NV.
12. 2015, **Faculty Mentor for the First Place Winner**, Associated General Contractors (AGC) Education and Research Foundation James L. Allhands Essay Competition, San Juan, PR
13. 2014, **ASC Regional Teaching Award**, Associated Schools of Construction, Washington, DC

14. 2013, **Jim Young Faculty Member of the Year Award (voted by the students in the Department of Construction Management)**, Colorado State University, Fort Collins, CO
15. 2013, **Provost's N. Preston Davis Award for Instructional Innovation**, Colorado State University, Fort Collins, CO
16. 2013, Instructional Innovation in **Service-Learning Faculty Award**, Colorado State University, Fort Collins, CO
17. 2013, American Society of Civil Engineers (ASCE) Excellence in Civil Engineering Education (ExCEED) **Teaching Fellow**
18. 2012, **Outstanding Young Alum Award**, Virginia Tech, Myers-Lawson School of Construction, Blacksburg, VA
19. 2012, **ASC Regional Teaching Award**, Associated Schools of Construction, Birmingham, UK
20. 2012, Sigma Lambda Chi, International Construction Honor Society, Birmingham, UK
21. 2009, The Institute for Learning and Teaching **Service-Learning Scholar**, Colorado State University, Fort Collins, CO
22. 2007, **Outstanding Graduate Student Award**, Virginia Tech, Myers-Lawson School of Construction, Blacksburg, VA
23. 2006, **Scholarship Award**, Construction Management Association of America Foundation, Arlington, VA
24. 2005, **Best Student Paper Award**, 54th Virginia Transportation Conference, Roanoke, VA
25. 2005, Chi Epsilon, The Civil Engineering Honor Society, Virginia Tech, Blacksburg, VA
26. 2004-2005, **Vecellio Fellowship**, Virginia Tech, Blacksburg, VA

CV SECTION 2: Publications/Scholarly Record

SYNOPSIS OF PUBLICATIONS/SCHOLARLY RECORD:

I have been **intentional and successful in disseminating my research results**, The **total number of my publications is 45 peer-reviewed journal articles** (most of which are published in **top tier journals in our domain**), **2 peer-reviewed book chapters**, **47 peer-reviewed conference proceeding articles**, and **21 technical reports**. I have been **consistent and successful in pursuing research grants** and have had **at least one active external grant** as a PI or Co-PI every year since the first grant I received in 2010. My **total grant productivity until this year** has been close to **\$1.8 Million**. Additionally, I am a co-PI in a project for the establishment of a regional **University Transportation Center** funded by the **USDOT for \$3 Million**. I have also been active in the **scholarship of teaching and learning** as evidenced by multiple publications and grants in this area. My most recent research efforts directly address equity issues within transportation and infrastructure through NCHRP, USDOT, and SoGES-funded grants.

I have been **recognized nationally and internationally for my scholarship**, leading to invitations to serve on **reputable journals' editorial boards** (**Editor-in-Chief** for ASC International Journal of Construction Education & Research, **Specialty Editor** for the ASCE Journal of Construction Engineering and Management, and **Associate Editor** for TRB Transportation Research Record Journal); **grant review panels** for NSF and the USDOT; **national committees** of ASCE and TRB; and conference technical committees. I have received numerous invitations to present my research in prominent venues, including as a **keynote speaker** in international conferences, as well as receiving sabbatical invitations.

In my research endeavors, I have collaborated with many faculty members within and outside of my department including faculty members in other universities. With respect to interdisciplinary work, I am an affiliated faculty of the Colorado State University's **School of Global Environmental Sustainability (SoGES)**. SoGES is a special academic unit *“designed to reach across disciplines and colleges to forge new alliances and advance greater understanding of the challenges to achieving sustainability faced by our nation and global community.”* I am also an affiliated faculty of the **Center for Sustainable and Intelligent Transportation Systems (CSITS)** at Colorado State University, which *“conducts multi-disciplinary research, education, and outreach on promoting the sustainability of critical transportation infrastructure, with a focus on safety and reliability, resiliency, autonomous and connected vehicles, connected transportation and smart infrastructure. CSITS brings together interdisciplinary research and thought leadership encompassing civil and environmental engineering, mechanical and system engineering, social sciences, public health, economics and business administration.”*

My efforts and success in research were recognized through my receipt of **best presentation and best paper awards** as well as the **Department of Construction Management Outstanding Researcher Award** most recently in 2024.

PUBLISHED WORKS**Refereed Journal Articles:**

Note: The author marked with an * is/was a graduate student at Colorado State University.

1. Melo Filho, R., Kohlman Rabbani, E.R., Ozbek, M.E., and Macedo, M. (Accepted-In Production). “Sustainability in Highway Infrastructure Projects in Brazil.” *ASCE Practice Periodical on Structural Design and Construction* Forthcoming.
2. Ghafoori, M., Abdallah, M., and Ozbek, M.E. (2024). “Machine Learning–Based Bridge Maintenance Optimization Model for Maximizing Performance within Available Annual Budgets.” *ASCE Journal of Bridge Engineering* 29(4), 04024011, 1-17.
3. Abdallah, A.M.*, Ozbek, M.E., and Atadero, R.A. (2023). Transferring Research Innovations in Bridge Inspection Planning to Bridge Inspection Practice: A Qualitative Study. *Infrastructures*. 2023; 8(11)-164, 1-24.
4. Khalife, F.G.*, Arneson, E.E., Atadero, R.A., and Ozbek, M.E. (2023). “Assessing Social Equity Considerations within Transportation Asset Management.” *Transport Economics and Management*, 1(2023), 160-167.
5. Kalan, D.*, Ozbek, M. E., Omur-Ozbek, P. and Dooley, G. (2022). “A case study: Comparison of Disinfection By-product Formations between LEED-certified and Non-certified Buildings.” *Developments in the Built Environment*, 12(2022),100100, 1-12.
6. Love, H.B.*, Valdes-Vasquez, R., Olbina, S., Cross, J.E., and Ozbek, M. E. (2022). “Is Cultivating Reciprocal Learning the Gold Standard for High Impact Pedagogies?” *Higher Education Research & Development*, 41(4), 1136-1151.
7. Luxton, I.*, Valdes-Vasquez, R., Ozbek, M. E., and Thornes, L. (2022). “High Impact Learning in a Short-Term Study Abroad Program.” *Frontiers: The Interdisciplinary Journal of Study Abroad*, 34(1), 97-130.
8. Abdallah, A.M.*, Atadero, R.A., and Ozbek, M.E. (2022). “A State-of-the-Art Review of Bridge Inspection Planning: Current Situation and Future Needs.” *ASCE Journal of Bridge Engineering* 27(2), 03121001, 1-20. **(Selected to be featured in the Editor’s Choice Collection of the Journal)**
9. Koc, K., Gurgun, A.P., Ozbek, M.E., Kalan, D.*, Clevenger, C., and Omur-Ozbek, P. (2022). “Comparative Analysis of Work–Life Balance Perceptions of Civil Engineering Students.” *ASCE Journal of Civil Engineering Education* 148(2), 04021016, 1-12.
10. Besiktepe, D.*, Ozbek, M. E., and Atadero, R. A. (2021). A Multi-Criteria Decision-Making Approach for Building Maintenance Strategy Selection using Choosing by Advantages. *Journal of Facility Management Education and Research*, 5(1), 1–12.
11. Besiktepe, D.*, Ozbek, M.E., and Atadero, R.A. (2021). “Condition Assessment Framework for Facility Management Based on Fuzzy Sets Theory.” *Buildings* 11(4)-156, 1-27.
12. Abdallah, A.M.*, Atadero, R.A., and Ozbek, M.E. (2021) A Comprehensive Uncertainty-Based Framework for Inspection Planning of Highway Bridges. *Infrastructures*. 2021; 6(2)-27, 1-33.
13. Love, H.B.*, Ozbek, M. E., and Cross, J.E. (2020). “Assessment of the Development of Social and Learning Networks in Construction Management Courses using Social Network Analysis.” *International Journal of Construction Education and Research*. 16 (4), 290-310.
14. Besiktepe, D.*, Ozbek, M.E., and Atadero, R.A. (2020). “Identification of the Criteria for Building Maintenance Decisions in Facility Management: First Step to Developing a Multi-Criteria Decision-Making Approach.” *Buildings* 10(9)-166, 1-19.

15. Arneson, E. and Ozbek, M.E. (2020). "Mock Arbitration as Experiential Legal Education for Construction Management Students." *ASCE Journal of Legal Affairs and Dispute Resolution in Engineering and Construction* 12(2), 04520010, 1-8.
 16. Kalan, D.* and Ozbek, M.E. (2020). "Development of a Construction Project Bidding Decision-Making Tool." *ASCE Practice Periodical on Structural Design and Construction* 25 (1), 04019032, 1-8.
 17. Atadero, R., Jia, G., Abdallah, A.*, and Ozbek, M.E. (2019). "An Integrated Uncertainty-Based Bridge Inspection Decision Framework with Application to Concrete Bridge Decks." *Infrastructures* 4(3)-50, 1-26.
 18. Jalili, M.* and Ozbek, M. E. (2019). "Efficiency Benchmarking Framework for Highway Patrol Agencies and Implementation for the Wyoming Highway Patrol." *Infrastructures* 4(3)-40, 1-15.
 19. Oluwalaiye, O.* and Ozbek, M. E. (2019). "Consistency between Infrastructure Rating Systems in Measuring Sustainability." *Infrastructures* 4(1)-9, 1-12.
 20. Arditi, D., Alavipour, R., and the Committee on Management Practices in Construction[&]. (2019). "Trends in Expectations about Duties and Responsibilities of Construction Managers." *ASCE Journal of Construction Engineering and Management* 145 (7), 04019037, 1-9.
- [&]: I was a member of the Committee on Management Practices in Construction (which is the third author as explicitly spelled out in this journal article) at the time of conducting of this research and the writing of this paper. As such, I contributed to this paper as an author with respect to the development of the methodology and provided input during the writing of this paper.
21. Sinha, A.*, Strong, K.C., Ozbek, M. E., and Shane, J. (2018). "A Decision Support Framework for Assessing the Contextual Factors for Complex Highway Projects." *Transportation Research Record* 2672: 26, 77-87.
 22. Ozbek, M.E. and Clevenger, C.M. (2017). "Collaboration in Construction Academia." *ASCE Journal of Construction Engineering and Management: 60th Year Special Issue* 143 (9) 02517002, 1-2.
 23. Strong, K.C., Ozbek, M. E., Sharma, A.*, Akalp, D.* (2017). "Decision Support Framework for Transit-Oriented Development Projects." *Transportation Research Record* (2671), 51-58.
 24. Hesse, A.*, Atadero, R., and Ozbek, M.E. (2017). "Using Expert Opinion to Quantify Uncertainty in and Cost of Using Nondestructive Evaluation on Bridges." *Advances in Civil Engineering* (2017) 7925193, 1-12.
 25. Clevenger, C.M., Ozbek, M.E., Simpson, S.*, and Atadero, R. (2016). "Challenges in Developing a Transportation Sustainability Rating System that meets the Preferences of a Department of Transportation." *ASCE Journal of Transportation Engineering* 142 (4), 04016005, 1-7.
 26. McGuire, B.*, Atadero, R., Clevenger, C.M., and Ozbek, M.E. (2016). "Bridge Information Modeling for Inspection and Evaluation." *ASCE Journal of Bridge Engineering* 21 (4), 04015076, 1-9.
 27. Wao, J., Ries, R., Flood, I., Lavy, S., and Ozbek, M. E. (2016). "Relationship between Admission GRE Scores and Graduation GPA Scores of Construction Management Graduate Students." *International Journal of Construction Education and Research* 12 (1), 37-53.
 28. Fanning, B.*, Clevenger, C.M., Ozbek, M.E., and Mahmoud, H. (2015). "Implementing BIM on Infrastructure: Comparison of Two Bridge Construction Projects." *ASCE Practice Periodical on Structural Design and Construction* 20 (4) 04014044, 1-8.
 29. Hesse, A.*, Atadero, R., and Ozbek, M.E. (2015). "Uncertainty in Common NDE Techniques for Use in Risk-Based Bridge Inspection Planning: Existing Data." *ASCE Journal of Bridge Engineering* 20 (11) 04015004, 1-8.
 30. Clevenger, C.M., Ozbek, M.E., Fanning, B.*, and VonFeldt, S. (2015). "Case Study of Work-based Learning Involving BIM for Infrastructure in Support of Graduate Construction Research." *International Journal of Construction Education and Research* 11 (3), 163-178.

31. Celik, B.G., Ozbek, M.E., Attaran, S., and Jalili, M.* (2014). "Comparison of Environmental Responsibility of Construction Management Students Based on Exposure to Sustainability in Curricula and on Campus." *International Journal of Construction Education and Research* 10 (2), 96-110.
32. Crew, W., de la Garza, J. M., Ozbek, M. E., and Dai, J. (2014). "Long-term Significance of a CII Best Practices Course." *ASCE Practice Periodical on Structural Design and Construction: Special Issue on Construction Engineering: Leveraging Project and Career Success* 19 (1), 30-35.
33. Johnson, J. F.* and Ozbek, M. E. (2013). "Development of Bridge Management Components That Facilitate Decision Making." *Transportation Research Record* (2360), 69-76.
34. Clevenger, C.M. and Ozbek, M.E. (2013). "Service-Learning Assessment: Sustainability Competencies in Construction Education." *ASCE Journal of Construction Engineering and Management: Special Issue on Considerations of Sustainability in Construction Engineering and Management* 139 (12) A4013010, 1-9.
35. Gotthelf, H.*, Ozbek, M. E., and Guggemos A. (2013). "Potential Efficiency Gains from Early Involvement of Steel Fabricators and Erectors: Lessons Learned from the NREL Research Support Facility Project." *International Journal of Construction Education and Research* 9 (2), 147-160.
36. Clevenger, C.M. and Ozbek, M. E. (2013). "Teaching Sustainability through Service-Learning in Construction Education." *International Journal of Construction Education and Research* 9 (1), 3-18.
37. Ozbek, M. E., de la Garza, J. M., and Triantis, K. (2012). "Efficiency Measurement of the Maintenance of Paved Lanes using Data Envelopment Analysis." *Construction Management and Economics* 30 (11), 995-1009.
38. Ozbek, M. E., Clevenger, C.M., and Fillion, A. C.* (2012). "Quantitative Decision-Making Framework to Evaluate Environmental Commitment Tracking Systems: Colorado Department of Transportation Case Study." *Transportation Research Record* (2270), 188- 194.
39. Arensman, D.B.* and Ozbek, M. E. (2012). "Building Information Modeling and Potential Legal Issues." *International Journal of Construction Education and Research* 8 (2), 146-156.
40. Ozbek, M. E. and de la Garza, J. M. (2011). "Comprehensive Evaluation of Virginia Department of Transportation's Experience with its First Performance-Based Road-Maintenance Contract." *ASCE Journal of Transportation Engineering* 137 (12), 845-854.
41. Ozbek, M. E., de la Garza, J. M., and Pinero, J. C. (2010). "Implementation of Level-of-Service Component for Performance-Based Road Maintenance Contracts." *Transportation Research Record* (2150), 1-9.
42. Ozbek, M. E., de la Garza, J. M., and Triantis, K. (2010). "Data and Modeling Issues Faced during the Efficiency Measurement of Road Maintenance using Data Envelopment Analysis." *ASCE Journal of Infrastructure Systems* 16 (1), 21-30.
43. Ozbek, M. E., de la Garza, J. M., and Triantis, K. (2010). "Efficiency Measurement of Bridge Maintenance using Data Envelopment Analysis." *ASCE Journal of Infrastructure Systems* 16 (1), 31-39.
44. Ozbek, M. E., de la Garza, J. M., and Triantis, K. (2009). "Data Envelopment Analysis as a Decision-Making Tool for the Transportation Professionals." *ASCE Journal of Transportation Engineering* 135 (11), 822-831.
45. de la Garza, J. M., Pinero, J. C., and Ozbek, M. E. (2008). "Sampling Procedure for Performance-Based Road Maintenance Evaluations." *Transportation Research Record* (2044), 11-18.

Refereed Chapters in Books:

1. Ozbek, M.E., and Clevenger, C.M. (2014). "Teaching Sustainability Competencies to High School Students using Small-Scale Community-Based Construction Projects." In: *Handbook of Research on Pedagogical Innovations for Sustainable Development*, K.D. Thomas and H.E. Muga, eds. IGI Global, Hershey, PA, 270-327.
2. Ozbek, M. E., and de la Garza, J. M. (2007). "Development of Performance Warranties for Performance-Based Road Maintenance Contracts." In: *Alternative Project Delivery, Procurement, and Contracting Methods for Highways*, K. R. Molenaar and G. Yakowenko, eds., American Society of Civil Engineers, Reston, VA, 20-45.

Refereed Proceedings:

Note: The author marked with an * is/was a graduate student at Colorado State University.

1. Coskun, C., Besiktepe, D.*, and Ozbek, M.E., (2024). "Circular Economy Risks in Construction Projects and Digital Technologies." In: *Proceedings of 8th International Project and Construction Management Conference (IPCMC 2024)*, 848-857, June 6-8, Istanbul, Turkey.
2. Ghafoori, M., Abdallah, M., and Ozbek, M.E. (2024). "Modeling and Predicting Deterioration of Concrete Bridge Elements Using Machine Learning." In: *Proceedings of the 2024 Construction Research Congress*, 10 pages (Electronic Proceedings with no page numbers), March 20-23, Des Moines, IA.
3. Valdes-Vasquez, R. and Ozbek, M. E. (2024). "The First Four Weeks Initiative: Preparing Students for Success in an Introductory Construction Management Course." In: *Proceedings of the LATAM SEC Conference: Leading Construction Technology Systems for Today's Environmental and Social Crises 11 (1)*, EPE.01.1-EPE.01.6, March 4-7 Quito, Ecuador.
4. Valdes-Vasquez, R., Olbina, S., Clevenger, C., and Ozbek, M. E. (2024). "Video Tours of Sustainable Building Projects On Campus: A Practical Approach to Teaching Sustainability." In: *Proceedings of the LATAM SEC Conference: Leading Construction Technology Systems for Today's Environmental and Social Crises 11 (1)*, SUS.05.1-SUS.05.6, March 4-7 Quito, Ecuador.
5. Besiktepe, D.*, Ozbek, M.E., and Atadero, R.A. (2023). "Choosing by Advantages Application Areas in Facilities Management: A Literature Review." In: *Proceedings of CIB W070 Conference on Facility Management and Maintenance 2023*, 1176 (2023), 012028-1, 012028-12, May 8-11, Trondheim, Norway. **(Best Paper 3rd Place Award)**
6. Passos Neto, G. D. M., Valdes-Vasques, R., Alencar, L.H., and Ozbek, M. E. (2023). "A Review of Social Sustainability Studies Involving Multiple Criteria within the Construction Industry." In: *Proceedings of the Associated Schools of Construction 59th Annual International Conference*, 506-514, April 3-6, Liverpool, UK.
7. Ghafoori, M., Abdallah, M. and Ozbek, M. E. (2023). "Multi-Objective Maintenance Optimization Model to Minimize Maintenance Costs While Maximizing Performance of Bridges." In: *Proceedings of the Associated Schools of Construction 59th Annual International Conference*, 523-531, April 3-6, Liverpool, UK.
8. Ozbek, M. E, Gurgun, A.P., and Koc, K. (2022). "An International Multi-Site Course for Construction and Engineering Students." In: *Proceedings of the ASEA SEC 6 Conference: Achieving Technical Excellence with Data Analytics in Materials, Structural Engineering and Construction*, EPE.06.1-EPE.06.6, November 28-December 2, Sydney, Australia. **(Best Presentation Award)**
9. Koc, K., Gurgun, A.P., and Ozbek, M. E. (2020). "Effects of Geotechnical Risks on Cost and Schedule in Infrastructure Projects." In: *Proceedings of the ASEA SEC 5 Conference: Emerging Technologies and Sustainability Principles in Structural Engineering and Construction*, CON 18.1-CON 18.6, November 30-December 3, Christchurch, New Zealand. (Presented in a Virtual Conference)

10. Besiktepe, D.*, Ozbek, M.E., and Atadero, R.A. (2020). "Computerized Maintenance Management System Data Utilization in Facility Management." In: *Proceedings of the 6th International Project and Construction Management Conference*, 1184-1192, November 12-14, Istanbul, Turkey. (Presented in a Virtual Conference)
11. Villacias Tapia, E.V., Luxton, I*, Valdes-Vasquez, R., Ozbek, M. E., and Ayarza, C. (2020). "Breaking Students' Comfort Zone: Learning from Community Members, a Strategy within the AEC Education." In: *Proceedings of the EURO MED SEC 03 Conference: Holistic Overview of Structural Design and Construction*, EPE.07.01-EPE 07.06, August 3-8, Limassol, Cyprus. (Presented in a Virtual Conference)
12. Valdes-Vasquez, R., Luxton, I*, and Ozbek, M. E. (2020). "Understanding the Learning Impacts of a Short-Term Study Abroad by Using a Mixed-Method Approach." In: *Proceedings of the 14th Annual International Technology, Education and Development Conference*, 6 pages (Electronic Proceedings with no page numbers), March 2-4, Valencia, Spain.
13. Inguva, G.*, Clevenger, C., Ozbek, M. E., and Abdallah, M. (2019). "Workplace Experiences for Women and Men Using BIM/VDC in Construction." In: *Proceedings of the Canadian Society for Civil Engineering 7th International Construction Specialty Conference*, 159.1-159.9, June 12-15, Laval, Canada.
14. Besiktepe, D.*, Ozbek, M. E., and Atadero, R. (2019). "Analysis of the Maintenance Work Order Data in Educational Institutions." In: *Proceedings of the ISEC 10 Conference: Interdependence between Structural Engineering and Construction Management*, FAM.03.1-FAM.03.6, May 20-25, Chicago, IL.
15. Oluwalaiye, O.* and Ozbek, M. E. (2019). "Application of Envision, INVEST, and GreenLITES Sustainability Rating Systems to Multiple Transportation Projects." In: *Proceedings of the 2019 TRB 98th Annual Conference*, 3 pages (Electronic Proceedings with no page numbers), January 13-17, Washington D.C. [EXTENDED ABSTRACT]
16. Oluwalaiye, O.* and Ozbek, M. E. (2018). "Comparative Assessment of Transportation Sustainability Rating Systems." In: *Proceedings of the ASEA SEC 4 Conference: Streamlining Information Transfer between Construction and Structural Engineering*, SUS.01.1-SUS.01.6, December 3-5, Brisbane, Australia.
17. Kalan, D.*, Ozbek, M. E., and Omur-Ozbek, P. (2018). "Work-Life Balance Perceptions of Construction Management and Civil and Environmental Engineering Students." In: *Proceedings of the Associated Schools of Construction 54th Annual International Conference*, 215-222, April 18-21, Minneapolis, MN.
18. Sinha, A.*, Strong, K.C., Ozbek, M. E., and Shane, J. (2018). "A Decision Support Framework for Assessing the Contextual Factors for Complex Highway Projects." In: *Proceedings of the 2018 TRB 97th Annual Conference*, 17 pages (Electronic Proceedings with no page numbers), January 7-11, Washington D.C. [was further selected to be published in the Transportation Research Record journal]
19. Akalp, D.*, Ozbek, M. E., and Omur-Ozbek, P. (2017). "Construction Management Students' Perceptions on Work-Life Balance." In: *Proceedings of the ISEC-9 Conference: Resilient Structures and Sustainable Construction*, 6 pages (Electronic Proceedings with no page numbers), July 24-29, Valencia, Spain.
20. Gurgun, A.P., and Ozbek, M. E. (2017). "Factors Affecting the Selection of Contractors in Green Building Projects." In: *Proceedings of the ISEC-9 Conference: Resilient Structures and Sustainable Construction*, 6 pages (Electronic Proceedings with no page numbers), July 24-29, Valencia, Spain.
21. Akalp, D.* and Ozbek, M. E. (2017). "Identifying the Weights Assigned to the Key Bidding Factors by Different Groups of Construction Companies." In: *Proceedings of the Associated Schools of Construction 53rd Annual International Conference*, 577-584, April 5-8, Seattle, WA.
22. Strong, K.C., Ozbek, M. E., and Sharma, A.* (2017). "A Decision Support Framework for Transit-Oriented Development (TOD) Projects." In: *Proceedings of the 2017 TRB 96th Annual Conference*, 16 pages (Electronic Proceedings with no page numbers), January 8-12, Washington D.C. [was further selected to be published in the Transportation Research Record journal]

23. Clevenger, C.M., Abdallah, M., Tawfik, A., Adame B., Akalp, D.*, and Ozbek, M. E. (2016). "Exploring Student Commute Behavior and Identifying Opportunities to Minimize Commute GHG and Air Pollution Emissions: A Case Study." In: *Proceedings of the 2016 Construction Research Congress*, 2392-2402, May 31-June 2, San Juan, PR.
24. Akalp, D.* and Ozbek, M. E. (2016). "Differences in Construction Companies' Preferences in Making Bid/No Bid Decisions." In: *Proceedings of the EURO MED SEC 01 Conference: Interaction between Theory and Practice in Civil Engineering and Construction*, 343-348, May 24-29, Istanbul, Turkey.
25. Wao, J., Bivins, K., Hunt, R., Ries, R., Carroll, J., and Ozbek, M. E. (2016). "Predicting the Performance and Success of Construction Management Graduate Students using GRE Scores." In: *Proceedings of the Associated Schools of Construction 52nd Annual International Conference*, 8 pages (Electronic Proceedings with no page numbers), April 13-16, Provo, UT.
26. Jalili, M.*, Ozbek, M.E., McCarthy, J.G. and Rabbani, E. (2015). "Effective Performance Measures for Highway Patrol Agencies to Change Poor Driver Behaviors." In: *Proceedings of the 6th International Conference on Applied Human Factors and Ergonomics (AHFE 2015) and the Affiliated Conferences, AHFE 2015*, 2450-2457, July 26-30, Las Vegas, NV.
27. Ozbek, M.E. and Glick, S. (2015). "Impacts of Legislation on Construction Companies: A Study on Workers' Compensation." In: *Proceedings of the 2015 ASEE Annual Conference and Exposition*, 26.895.1-26.895.13, June 14-17, Seattle, WA.
28. Jalili, M.*, Clevenger, C.M., Ozbek, M.E., and Abdallah, M.A. (2015). "Energy Star Windows' Performance and Orientation." In: *Proceedings of ICSC15: The Canadian Society for Civil Engineering 5th International/11th Construction Specialty Conference*, 208.1-208.8, June 7-10, University of British Columbia, Vancouver, Canada.
29. Wao, J., Ries, R., Flood, I., Lavy, S., and Ozbek, M. E. (2015). "Investigating the Predictive Ability of Admission GRE Scores on Graduation GPA Scores of Domestic and International Students in Construction Management Graduate School Programs." In: *Proceedings of the Associated Schools of Construction 51st Annual International Conference*, 8 pages (Electronic Proceedings with no page numbers), April 22-25, College Station, TX.
30. Lewis, F.* and Ozbek, M. E. (2015). "Electrical Contractors and Integrated Project Delivery." In: *Proceedings of the Associated Schools of Construction 51st Annual International Conference*, 9 pages (Electronic Proceedings with no page numbers), April 22-25, College Station, TX.
31. Ozbek, M. E., Albeiruti, N.*, and Atadero, R. (2015). "Understanding Public Perceptions of Different Revenue Generation Systems for Highway Construction and Maintenance." In: *Proceedings of the 2015 TRB 94th Annual Conference*, 16 pages (Electronic Proceedings with no page numbers), January 11-15, Washington D.C.
32. Inguva, G.*, Clevenger, C.M., Ozbek, M. E. (2014). "Differences in Skills Reported by Construction Professionals who use BIM/VDC." In: *Proceedings of the 2014 Construction Research Congress*, 61-69, May 19-21, Atlanta, GA.
33. Simpson, S.*, Clevenger, C.M., Ozbek, M. E., Rabbani, E., and Atadero, R. (2014). "A Framework for Assessing Transportation Sustainability Rating Systems for Implementation in U.S. State Departments of Transportation." In: *Proceedings of the 2014 TRB 93rd Annual Conference*, 18 pages (Electronic Proceedings with no page numbers), January 12-16, Washington D.C.
34. Clevenger, C.M., Ozbek, M. E., and Simpson, S.* (2013). "Review of Sustainability Rating Systems used for Infrastructure Projects." In: *Proceedings of the Associated Schools of Construction 49th Annual International Conference*, 8 pages (Electronic Proceedings with no page numbers), April 10-13, San Luis Obispo, CA.

35. Johnson, J. F.* and Ozbek, M. E. (2013). "Developing Bridge Management Components that Facilitate Decision-Making." In: *Proceedings of the 2013 TRB 92nd Annual Conference*, 16 pages (Electronic Proceedings with no page numbers), January 13-17, Washington D.C. [was further selected to be published in the Transportation Research Record journal]
36. Ozbek, M. E., Lopez del Puerto, C., and Gransberg, D. D. (2013). "Experiences of Two Colorado Transportation Agencies with their First CMGC Projects." In: *Proceedings of the 2013 TRB 92nd Annual Conference*, 13 pages (Electronic Proceedings with no page numbers), January 13-17, Washington D.C.
37. Clevenger, C.M., Ozbek, M.E., Glick, S., and Porter, D.* (2012) Integrating BIM into Construction Management Education, EcoBuild Conference Proceedings, EcoBuild 2010 BIM Academic Forum, Washington D.C. Translated into Chinese and republished in: *Archicreation Special Issue of BIM: American Experience Sharing* 161(10), 40-47.
38. Thompson, R.D.* and Ozbek, M. E. (2012). "Utilization of a Co-location Office in conjunction with Integrated Project Delivery." In: *Proceedings of the Associated Schools of Construction 48th Annual International Conference*, 603-611, April 11-14, Birmingham, UK.
39. Ozbek, M. E., Clevenger, C.M., and Fillion, A.* (2012). "A Quantitative Decision-making Framework to Evaluate Environmental Commitment Tracking Systems for the Colorado Department of Transportation." In: *Proceedings of the 2012 TRB 91st Annual Conference*, 14 pages (Electronic Proceedings with no page numbers), January 22-26, Washington D.C. [was further selected to be published in the Transportation Research Record journal]
40. Ozbek, M. E., Fillion, A.*, and Prakash, S.* (2011). "Construction Industry Institute (CII) Best Practices Course for Construction Management Programs." In: *Proceedings of the Associated Schools of Construction 47th Annual International Conference*, 25-33, April 6-9, Omaha, NE.
41. Clevenger, C.M., Ozbek, M.E., Glick, S., and Porter, D.* (2010). "Integrating BIM into Construction Management Education." In: *Proceedings of the EcoBuild BIM-Related Academic Workshop*, S100-4.1- S100-4.8, December 7-9, Washington, D.C.
42. Ozbek, M. E. and Youssef, T.* (2010). "Identification and Analysis of the Issues that might be Slowing the Adoption of Integrated Project Delivery: Perceptions of Construction Industry Participants." In: *Proceedings of the 6th International Conference on Innovation in Architecture, Engineering and Construction*, 755-764, June 9-11, State College, PA.
43. Ozbek, M. E., Youssef, T.*, and Prakash, S.* (2010). "Synthesis and Taxonomy of Systems used to Generate Revenues to be used for Highway Construction and Maintenance." In: *Proceedings of the Associated Schools of Construction 46th Annual International Conference*, 637-646, April 7-10, Boston, MA.
44. Ozbek, M. E., de la Garza, J. M., and Pinero, J. C. (2010). "Implementation of the Level-of-Service Component of the Performance Measurement Framework for Performance-Based Road Maintenance Contracts." In: *Proceedings of the 2010 TRB 89th Annual Conference*, 17 pages (Electronic Proceedings with no page numbers), January 10-14, Washington D.C. [was further selected to be published in the Transportation Research Record journal]
45. Ozbek, M. E., de la Garza, J. M., and Triantis, K. (2009). "Development of a Comprehensive Framework for the Efficiency Measurement of Road Maintenance Strategies using Data Envelopment Analysis." In: *Proceedings of the 12th AASHTO/TRB Maintenance Management Conference*, Transportation Research Circular E-C135, 19-31, July 19-23, Annapolis, MD.
46. de la Garza, J. M., Pinero, J. C., and Ozbek, M. E. (2009). "A Framework for Monitoring Performance-Based Road Maintenance." In: *Proceedings of the Associated Schools of Construction 45th Annual International Conference*, 433-441, April 1-4, Gainesville, FL.

47. de la Garza, J. M., Pinero, J. C., and Ozbek, M. E. (2008). "Sampling Procedure for Performance-Based Road Maintenance Evaluations." In: *Proceedings of the 2008 TRB 87th Annual Conference*, 15 pages (Electronic Proceedings with no page numbers), January 13-17, Washington D.C. [was further selected to be published in the Transportation Research Record journal]

Non-Refereed Proceedings:

1. Clevenger, C.M., Ozbek, M.E., and Reaves, D. (2011). "Service-learning for Sustainable Construction." In: *Proceedings of the International Association for Research on Service-Learning and Community Engagement (IARSLCE) Conference*, 2 pages (Electronic Proceedings with no page numbers), November 2-4, Chicago, IL.

Peer-Reviewed Technical Reports:

1. Khalife, F.G., Atadero, R., Ozbek, M. E, Arneson, E. (2024). Incorporation of Social Equity Considerations into Transportation Asset Management, MPC-24-556. *Technical Report submitted to the Upper Great Plains Transportation Institute, Fargo: Mountain-Plains Consortium*. 41 pages.
2. Abdallah, M., Ozbek, M. E., and Ghafoori, M. (2024). Optimal Selection of Upgrade and Maintenance Interventions to Minimize Life-Cycle Cost, MPC-24-531. *Technical Report submitted to the Upper Great Plains Transportation Institute, Fargo: Mountain-Plains Consortium*. 56 pages. **(Technical Report)**
3. Ozbek, M. E., Atadero, R., and Arneson E. (2024). Developing Course Modules on Social Equity for Civil and Environmental Engineering and Construction Management Curricula. *Technical Report submitted to CSU School of Global Environmental Sustainability (SoGES)*. 2 pages. **(Technical Report)**
4. Abdallah, A., Atadero, R., and Ozbek, M. E. (2024). Life-Cycle Cost Implications of Alternative Bridge Inspection Planning, MPC-23-504. *Technical Report submitted to the Upper Great Plains Transportation Institute, Fargo: Mountain-Plains Consortium*. 40 pages. **(Technical Report)**
5. Abdallah, A., Ozbek, M. E., and Atadero, R. (2022). Transferring Research Innovations in Bridge Inspection Planning to Bridge Inspection Practice, MPC-22-456. *Technical Report submitted to the Upper Great Plains Transportation Institute, Fargo: Mountain-Plains Consortium*. 60 pages. **(Technical Report)**
6. Abdallah, M., Clevenger, C., Ozbek, M. E., Tawfik, A., and Monghasemi, S. (2019). Business and Commute Optimization System: Development and Denver-based Case Study, MPC-18-361. *Technical Report submitted to the Upper Great Plains Transportation Institute, Fargo: Mountain-Plains Consortium*. 37 pages. **(Technical Report)**
7. Sanders, P., Atadero, R.A., and Ozbek, M. E. (2018). Methodology for Uncertainty-Based Inspection Planning of Concrete Bridge Decks Using Mechanistic Models of Crack Formation and Propagation, MPC-18-346. *Technical Report submitted to the Upper Great Plains Transportation Institute, Fargo: Mountain-Plains Consortium*. 114 pages. **(Technical Report)**
8. Sharma, A., Strong, K., and Ozbek, M. E. (2017). A Framework for Assessing Feasibility of Transit-Oriented Development (TOD) Project Sites, MPC-17-330. *Technical Report submitted to the Upper Great Plains Transportation Institute, Fargo: Mountain-Plains Consortium*. 81 pages. **(Technical Report)**
9. McGuire, B.M., Atadero, R.A., Clevenger, C.M., and Ozbek, M. E. (2016). Using Building Information Modeling to Track and Assess the Structural Condition of Bridges, MPC-16-310. *Technical Report submitted to the Upper Great Plains Transportation Institute, Fargo: Mountain-Plains Consortium*. 186 pages. **(Technical Report)**

10. Love, H., Ozbek, M.E., and Cross, J. (2016). “Long-term Learning Outcomes of Community-Based Research.” *Technical Report submitted to the Campus Compact of the Mountain West*, 7 pages. **(Technical Report)**
11. Albeiruti, N.T., Ozbek, M. E., and Atadero, R.A. (2015). Understanding Public Perceptions of Different Options to Fund the Highway System, MPC-15-300. *Technical Report submitted to the Upper Great Plains Transportation Institute, Fargo: Mountain-Plains Consortium*. 181 pages. **(Technical Report)**
12. Ozbek, M. E., Jalili, M., and Akalp, D. (2015). Multi-Measure Performance Assessment and Benchmarking of the Divisions of the Wyoming Highway Patrol, FHWA-WY-15/05F. *Technical Report submitted to the Wyoming Department of Transportation*. 257 pages. **(Technical Report)**
13. Hesse, A., Atadero, R., and Ozbek, M. E. (2015). Using Expert Opinion to Quantify Accuracy and Reliability of Nondestructive Evaluation of Bridges, MPC-15-288. *Technical Report submitted to the Upper Great Plains Transportation Institute, Fargo: Mountain-Plains Consortium*. 93 pages. **(Technical Report)**
14. Clevenger, C.M., Ozbek, M. E., Mahmoud, H., and Fanning, B. (2014). Impacts and Benefits of Implementing Building Information Modeling on Bridge Infrastructure Projects, MPC-14-272. *Technical Report submitted to the Upper Great Plains Transportation Institute, Fargo: Mountain-Plains Consortium*. 34 pages. **(Technical Report)**
15. Simpson, S., Ozbek, M. E., Clevenger, C.M., and Atadero, R. (2014). A Framework for Assessing Transportation Sustainability Rating Systems for Implementation in U.S. State Departments of Transportation, MPC-14-268. *Technical Report submitted to the Upper Great Plains Transportation Institute, Fargo: Mountain-Plains Consortium*. 89 pages. **(Technical Report)**
16. Clevenger, C.M. and Ozbek, M.E. (2013). “Outreach for Leadership of Sustainable Community Projects.” *Technical Report submitted to the Colorado Campus Compact*, 4 pages. **(Technical Report)**
17. Ozbek, M.E. and Clevenger, C.M. (2012). “Building Social Sustainability Through Service-Learning.” *Technical Report submitted to the Bohemian Foundation*, 13 pages. **(Technical Report)**
18. Ozbek, M.E. and Lopez del Puerto, C. (2012). “Case Study Report for I-70 Eisenhower-Johnson Memorial Tunnel (EJMT) Motor Control Cabinets (MCCs) Replacement Project.” *Technical Report submitted to Iowa State University*, 35 pages. **(Technical Report)**
19. Lopez del Puerto, C. and Ozbek, M.E. (2012). “Case Study Report for West Rail Line Corridor RTD FasTracks.” *Technical Report submitted to Iowa State University*, 8 pages. **(Technical Report)**
20. Clevenger, C.M. and Ozbek, M.E. (2011). “Evaluation of Environmental Commitment Tracking Systems for Use at CDOT.” *Technical Report submitted to the Colorado Department of Transportation*, Report No. CDOT-2011-13, 117 pages. **(Technical Report)**
21. Ozbek, M.E. (2010) “A Study of the Privatization of State-Chartered Workers’ Compensation Funds.” *Technical Report submitted to the Colorado Association of Mechanical and Plumbing Contractors*, 14 pages. **(Technical Report)**
22. Guggemos, A., Plaut, J., Bergstrom, E., Gotthelf, H., Haney, J., and Ozbek, M. E. (2010). “Greening Structural Steel Design, Fabrication, and Erection: A Case Study of the National Renewable Energy Laboratory Research Support Facilities Project.” *Technical Report submitted to KL&A, Paxton & Vierling Steel, LPR Construction, Haselden Construction, and the American Institute of Steel Construction (AISC)*, 33 pages. **(Technical Report)**

Other Publications:

1. Ozbek, M. E. and Lierheimer, C. (2018). Mobile Technology in Construction Project Management. *Case Study and Instructor Notes developed for the Associated General Contractors Education and Research Foundation*. 19 pages (Case Study) and 34 pages (Instructor Notes). **(Case Study and Instructor Notes- PEER REVIEWED)**

2. Ozbek, M. E. (2006). "Development of Performance Warranties for Performance Based Road Maintenance Contracts." Masters Thesis (Reprint) Published in *Resource Guide: Performance-based Contracting for Preservation and Improvement of Road Assets*, N. Stankevich, N. Qureshi, and C. Queiroz., eds., The World Bank, 334 pages. **(Resource Guide)**

CONTRACTS & GRANTS

Externally-Funded Projects as PI:

1. 2018-2021, Transferring Research Innovations in Bridge Inspection Planning to Bridge Inspection Practice, Mehmet Ozbek (PI), Rebecca Atadero (Co-PI), U.S. Department of Transportation Mountain-Plains Consortium University Transportation Center, **\$116,000**. (Interdisciplinary Research)
2. 2015-2017, Development of a Model to Assess the Feasibility of Transit-Oriented Development (TOD) Projects, Mehmet Ozbek (PI), Kelly Strong (CoPI), U.S. Department of Transportation Mountain-Plains Consortium University Transportation Center, **\$71,397**. (Interdisciplinary Research)
3. 2016, Long-term Learning Outcomes of Community-Based Research, Mehmet Ozbek (PI), Jeni Cross (CoPI), Campus Compact of the Mountain West, **\$2,000**. (Interdisciplinary Research)
4. 2014-2015, Extension- Multi-Measure Performance Assessment and Benchmarking of the Divisions of the Wyoming Highway Patrol, Mehmet Ozbek (PI), Wyoming Department of Transportation, **\$29,786**. (Interdisciplinary Research)
5. 2012-2015, Multi-Measure Performance Assessment and Benchmarking of the Divisions of the Wyoming Highway Patrol, Mehmet Ozbek (PI), Wyoming Department of Transportation, **\$173,452**. (Interdisciplinary Research)
6. 2012-2014, Understanding Public Perceptions of Different Revenue Generation Systems for Highway Construction and Maintenance, Mehmet Ozbek (PI), Rebecca Atadero (CoPI), U.S. Department of Transportation Mountain-Plains Consortium University Transportation Center, **\$54,000**. (Interdisciplinary Research)
7. 2012-2013, Assessing Existing Transportation Sustainability Rating Systems for use in Mountain-Plains Consortium States, Mehmet Ozbek (PI), Caroline Clevenger (CoPI), Rebecca Atadero (CoPI), U.S. Department of Transportation Mountain-Plains Consortium University Transportation Center, **\$42,000**. (Interdisciplinary Research)
8. 2010-2011, Early Career Award: Involvement of Electrical Contractors in Integrated Project Delivery, Mehmet Ozbek (PI), ELECTRI International, the Foundation for Electrical Construction, **\$14,000**. (Disciplinary Research)
9. 2010, A Study of the Privatization of State-Chartered Workers' Compensation Funds, Mehmet Ozbek (PI), Associated General Contractors of Colorado, Colorado Association of Home Builders, Colorado Association of Mechanical and Plumbing Contractors, Denver Metro Chamber of Commerce, and Metro Denver Economic Development Corporation, **\$4,000**. (Disciplinary Research)

Externally-Funded Projects as CoPI:

1. 2024-2026, Developing Course Modules on Social Equity for Transportation Courses in Engineering and Construction, Rebecca Atadero (PI), U.S. Department of Transportation Center for Transformative Preservation and Sustainability University Transportation Center, **\$150,000**. (Interdisciplinary Research)
2. 2024-2026, NCHRP 08-169 Valuing Diversity, Equity, and Inclusion in Transportation Asset Management, Rebecca Atadero (PI), Subaward to Rutgers University, **\$75,000 (of \$500,000)**. (Interdisciplinary Research)

3. 2022-2023, Incorporation of Social Equity Considerations into Transportation Asset Management, Rebecca Atadero (PI), Mehmet Ozbek (CoPI), Erin Arneson (CoPI), U.S. Department of Transportation Mountain-Plains Consortium University Transportation Center, **\$110,000**. (Interdisciplinary Research)
4. 2022-2023, Optimal Selection of Upgrade and Maintenance Interventions to Minimize Life-cycle-cost, Moatassem Abdallah (PI), Mehmet Ozbek (CoPI), U.S. Department of Transportation Mountain-Plains Consortium University Transportation Center, **\$113,000**. (Interdisciplinary Research)
5. 2017-2021, Use of Life Cycle Cost Analysis to Enhance Inspection Planning for Transportation Infrastructure, Rebecca Atadero (PI), Mehmet Ozbek (CoPI), U.S. Department of Transportation Mountain-Plains Consortium University Transportation Center, **\$108,000**. (Interdisciplinary Research)
6. 2016-2018, Business + Commute Optimization System (B+COS): Development and Denver-Based Case Study, Caroline Clevenger (PI), Mehmet Ozbek (CoPI), Moatassem Abdallah (CoPI), U.S. Department of Transportation Mountain-Plains Consortium University Transportation Center, **\$118,030**. (Interdisciplinary Research)
7. 2014-2015, Using Building Information Modeling to Track and Assess Structural Condition, Caroline Clevenger (PI), Mehmet Ozbek (CoPI), Rebecca Atadero (CoPI), U.S. Department of Transportation Mountain-Plains Consortium University Transportation Center, **\$62,690**. (Interdisciplinary Research)
8. 2014-2015, Determining the Uncertainty in the Current Condition of Bridges for Use in Risk Based Inspection and Management, Rebecca Atadero (PI), Mehmet Ozbek (CoPI), U.S. Department of Transportation Mountain-Plains Consortium University Transportation Center, **\$37,960**. (Interdisciplinary Research)
9. 2013-2014, A Pilot Case Study to Evaluate the Potential Impact and Benefit of Adopting and Implementing BIM on Bridge and Infrastructure Projects, Caroline Clevenger (PI), Mehmet Ozbek (CoPI), Hussam Mahmoud (CoPI), U.S. Department of Transportation Mountain-Plains Consortium University Transportation Center, **\$60,000**. (Interdisciplinary Research)
10. 2012-2014, Quantifying Uncertainty in Nondestructive Bridge Inspection Methods for use in Performance-Based Inspection, Rebecca Atadero (PI), Mehmet Ozbek (CoPI), U.S. Department of Transportation Mountain-Plains Consortium University Transportation Center, **\$100,000**. (Interdisciplinary Research)
11. 2012-2013, Outreach for Leadership of Sustainable Community Projects, Caroline Clevenger (PI), Mehmet Ozbek (CoPI), Colorado Campus Compact, **\$2,000**. (Disciplinary Research)
12. 2012, Construction Management Program for Engineers, Angela Guggemos (PI), Mehmet Ozbek (CoPI), Ron Holt (CoPI), Jon Elliott (CoPI), Mostafa Khattab (CoPI), the Education for Employment Foundation, **\$77,359**. (Training Program)
13. 2012, Building Social Sustainability Through Service-Learning, Caroline Clevenger (PI), Mehmet Ozbek (CoPI), Bohemian Foundation Pharos Grant Program, **\$10,000**. (Teaching-related grant for a Service and Engagement Program)
14. 2010-2011, The Evaluation of Environmental Commitment Tracking Programs for Use at CDOT, Caroline Clevenger (PI), Mehmet Ozbek (CoPI), Colorado Department of Transportation, **\$19,948**. (Disciplinary Research)
15. 2010, Training CDOT's Center for Equal Opportunity Employees in a Simulated Bid Environment, Loren Funk (PI), Mehmet Ozbek (CoPI), Colorado Department of Transportation, **\$4,500**. (Training Program)

Externally-Funded Projects as Investigator or role other than PI or CoPI:

1. 2012, Subcontract to Iowa State University for the project entitled A Guidebook for Construction Manager-at-Risk Contracting for Highway Projects (NCHRP Project 10-85), Carla Lopez del Puerto (PI), My Role: Investigator, Iowa State University, **\$17,000**. (Disciplinary Research)

2. 2007-2008, A Comprehensive Framework for the Efficiency Measurement of Road Maintenance, Jesus de la Garza (PI) and Konstantinos Triantis (CoPI), My Role: Senior Personnel (Postdoctoral Research Associate), National Science Foundation (NSF) (Award # 0726789). **\$212,000**. (Interdisciplinary Research completed during my employment as a Postdoctoral Research Associate at Virginia Tech)

Externally-Funded Pending Projects:

1. 2024-2025, Digital Twin and Fuzzy Logic-based Facility Condition Assessment Framework, Deniz Besiktepe (PI), Sogand Hasanzadeh (CoPI), Mehmet Ozbek (Senior Personnel), Khaled El-Rayes (Senior Personnel), U.S. Army Corps of Engineers (USACE) Engineer Research and Development Center, **\$250,604**. (Interdisciplinary Research)

Un-Funded External Projects as PI or CoPI for the last Five Years:

1. 2022-2023, SAI-P: Improving Rural Mobility and Connection: Innovative Planning and Management to Transform Rural Transportation Infrastructure, Erin Arneson (PI), Mehmet Ozbek (CoPI), Rebecca Atadero (CoPI), National Science Foundation, **\$149,994**. (Interdisciplinary Research)
2. 2022-2023, Equity Analysis Process for CDOT Transit Facilities, Erin Arneson (PI), Mehmet Ozbek (CoPI); Rebecca Atadero (CoPI), Colorado Department of Transportation, **\$74,500**. (Interdisciplinary Research)
3. 2021-2024, Collaborative Research: Fast and Integrated XR (FIX) Learning for Undergraduate STEM Education, Caroline Clevenger (PI), Moatassem Abdallah (CoPI), Mehmet Ozbek (CoPI), National Science Foundation, **\$215,000**. (Interdisciplinary Research)
4. 2021, Snowplow Route Optimization for SDDOT, Moatassem Abdallah (PI), Michael Pawlovich (Co-PI), Mehmet Ozbek (Consultant), South Dakota Department of Transportation, **\$149,951**. (Interdisciplinary Research)
5. 2020-2023, Collaborative Research: Fast and Integrated XR (FIX) Learning for Graduate Education, Caroline Clevenger (PI), Moatassem Abdallah (CoPI), Mehmet Ozbek (CoPI), National Science Foundation, **\$195,947**. (Interdisciplinary Research)

Internally-Funded Awards:

1. 2023-2024, School of Global Environmental Sustainability (SoGES) Curriculum Innovation Grant: Developing Course Modules on Social Equity for Civil and Environmental Engineering and Construction Management Curricula, Mehmet Ozbek (PI), Rebecca Atadero (CoPI), Erin Arneson (CoPI), Colorado State University, **\$15,000**. (Equity-related Curriculum Development Grant)
2. 2017, Colorado State University Libraries Open Access Research and Scholarship (OARS) Fund, Mehmet Ozbek (PI), Colorado State University, **\$625**. (Publication grant)
3. 2014, Graduate School Student Recruitment Mini Grant: Recruiting Military Applicants for M.S. Degrees in Construction Management at CSU, Mehmet Ozbek (PI), Colorado State University, **\$1,000**. (Outreach/Recruitment/Diversity-related grant)
4. 2011, The Institute for Learning and Teaching (TILT) Service Learning Faculty Mini Grant: Applied Sustainable Project Delivery, Mehmet Ozbek (PI), Caroline Clevenger (CoPI), Colorado State University, **\$1,000**. (Teaching-related grant for a Service and Engagement Program)

PAPERS PRESENTED/ SYMPOSIA/ INVITED LECTURES/ PROFESSIONAL MEETINGS/ WORKSHOPS**Invited Presentations:**

1. 2025, Incorporating Equity into Transportation Asset Management: Status and Recommendations from Professionals, *TRB 104th Annual Meeting*, January 8, Washington D.C. (Presented by a graduate advisee)
2. 2024, Designing for Inclusion in Academia, *i3CE 2024 Workshop*, July 28, Pittsburgh, PA.
3. 2024, Imagining and Creating the Future, *Guest Lecture for CIVE 480A4-Global Water Challenges*, April 24, Colorado State University.
4. 2024, ASCE's Future World Vision Program and its Application in Academia, *2024 CI & CRC Joint Conference*, March 23, Des Moines, IA.
5. 2023, Using ASCE's Future World Vision in Academia, *ASCE Department Chairs Meeting*, Webinar, June 13.
6. 2023, Effective Practices for Writing and Reviewing Journal Manuscripts, *Ask Faculty Anything Panel Series Webinar*, May 17.
7. 2023, Developing an International Multi-Site Course: Challenges and Lessons Learned, Colorado State University International Symposium, February 27, Fort Collins, CO.
8. 2023, Future World Vision, ASCE Multi-Region Leadership Conferences Workshop for Section, Branch, and Institute Leaders, February 4, Denver, CO
9. 2023, Multi-Criteria Decision-Making Applications in Construction and Engineering, *Guest Lecture for ENGR 520- Engineering Decision Support and Expert Systems*, February 2, Colorado State University.
10. 2023, Equity in Transportation: The Challenges Ahead, *Young Member Council Sustainability and Resilience (YMC S&R) Forum*, January 9, Washington D.C. (Presented by a graduate advisee)
11. 2022, Imagining and Creating the Future, *Guest Lecture for CIVE 480A4-Global Water Challenges*, October 27, Colorado State University.
12. 2022, Mega City 2070 Application and Use Case Experience in Academia, *American Society of Civil Engineers 2022 Convention*, October 23-26, Anaheim, CA.
13. 2022, Use of ASCE's Future World Vision in the College Classroom, *American Society of Civil Engineers Webinar*, May 18.
14. 2022, Future World Vision: Infrastructure Reimagined, *3rd College Health and Human Sciences Research Day Lightning Talk*, March 1.
15. 2022, Experience Your Future: Mega City 2070, *American Society of Civil Engineers Member Only Exclusive Event for 2022 Engineers Week*, February 22, Virtual Event.
16. 2022, Multi-Criteria Decision-Making Applications in Construction and Engineering, *Guest Lecture for ENGR 520- Engineering Decision Support and Expert Systems*, February 9, Colorado State University.
17. 2022, Transferring Research Innovations in Bridge Inspection Planning to Bridge Inspection Practice: A Qualitative Study, *TRB Research Innovation Implementation Management Committee Meeting*, January 10, Washington D.C. (Presented by my co-author)
18. 2021, Future World Vision, *American Society of Civil Engineers 2021 Convention*, October 6-8, Virtual Conference.

19. 2021, **KEYNOTE SPEAKER**: Civil Engineers Creating the Future, *14th International Congress on Advances in Civil Engineering (ACE)*, September 6-8, Virtual Conference.
20. 2021, Condition Assessment Framework for Facility Management Based on Fuzzy Sets Theory, CSU Ventures Innovation at Work Demo Day, April 27-29, Virtual Conference. (Presented by my co-author- **received CSU Ventures Demo Day 2021 Innovation in Programmatic or Educational Outreach Award**)
21. 2020, High Impact Learning Experiences during a Sustainable Building Program in Costa Rica, *The Forum on Education Abroad 16th Annual Conference- Education Abroad at a Crossroads: Actions for a Sustainable Future*, April 21-23, Virtual Conference. (Presented by my co-author)
22. 2018, **KEYNOTE SPEAKER***: Building Information Modeling (BIM) and Legal and Contractual Considerations, *BIM and Beyond: Digital Transition in Construction Symposium*, October 12-13, Istanbul, Turkey.

*: I was invited as one of the **keynote speakers to give a talk** at the symposium entitled “BIM and Beyond: Digital Transition in Construction” held in Istanbul Technical University, Turkey, on October 12-13, 2018. This symposium brought together leading academic researchers from the US, Canada, and Europe to share their extensive knowledge and experience on the topic of BIM. The symposium was well attended with over 500 professionals representing various sectors of the construction industry, governmental organizations, and academia. My keynote was based on my paper that was published in the ASC’s International Journal of Construction Education and Research (IJCER) in 2012 and was in the **6th place at the list of “Top Downloaded Articles of All Time”** released in March 2018 by IJ CER. The same article was also in the **4th place in the list of “Top Downloaded Articles in 2017”**. I was also a panelist in the closing session of the symposium in which I shared my opinions on a number of BIM-related issues with the audience and answered questions.
23. 2016, Bid or No Bid Decision Making Tool using Analytic Hierarchy Process, *43rd Rocky Mountain Asphalt Conference*, February 26, Denver, CO.
24. 2015, Framework for Assessing Transportation Sustainability Rating Systems for Implementation in U.S. State Departments of Transportation, *Webcast for the University of Pernambuco-Brazil*, September 22.
25. 2015, Use of Multi-criteria Decision Making Tools in Construction Research, *Webcast for the University of Pernambuco-Brazil*, April 14.
26. 2014, Multi-Measure Performance Assessment and Benchmarking of the Divisions of the Wyoming Highway Patrol, *Wyoming Department of Transportation*, January 8, Cheyenne, WY.
27. 2013, Internal Benchmarking of the Divisions of the Wyoming Highway Patrol using DEA, *2013 Institute for Operations Research and the Management Sciences Annual Meeting*, October 6-9, Minneapolis, MN.
28. 2013, Using Service-learning to Teach Leadership in Sustainable Construction, *Colorado Campus Compact Engaged Faculty Institute*, March 18, Loveland, CO.
29. 2012, Involvement of Electrical Contractors in Integrated Project Delivery, *National Electrical Contractors Association 2012 Annual Convention*, September 29-October 2, Las Vegas, NV.
30. 2012, A Multi-metric Performance Measurement Framework for Transportation Projects and Possible WYDOT Implementation, *Wyoming Department of Transportation*, January 27, Cheyenne, WY.
31. 2012, A Quantitative Decision-making Framework to Evaluate Environmental Commitment Tracking Systems for the Colorado Department of Transportation, *FHWA Volpe Center Eco-Logical Webinar Series*, January 12.
32. 2011, Evaluation of Environmental Commitment Tracking Systems for Use at CDOT, *Webcast for the Colorado Department of Transportation*, October 26.

33. 2011, A Multi-metric Performance Measurement Framework for Data-Driven Organizations, *Wyoming Highway Patrol*, October 12, Cheyenne, WY.
34. 2011, A Multi-metric Performance Measurement Framework for Transportation Projects, *Wyoming Department of Transportation*, May 5, Cheyenne, WY.
35. 2010, Involvement of Electrical Contractors in Integrated Project Delivery, *ELECTRI International, the Foundation for Electrical Construction Council Meeting*, July 27-28, Chicago, IL.
36. 2010, Contract Maintenance in Virginia: Virginia Department of Transportation's (VDOT) Experience with its First Performance-based Asset Management Contract, *37th Rocky Mountain Asphalt Conference*, February 24, Denver, CO.
37. 2009, A Comparative Efficiency Performance Measurement Framework for Transportation Decision-Makers, *2009 TRB 88th Annual Conference*, January 11-15, Washington D.C.
38. 2005, Development of Performance Warranties for Performance-Based Road Maintenance Contracts, *54th Virginia Transportation Conference*, October 26- 28, Roanoke, VA. (**Best Student Paper Award**)

Conference Presentations with Refereed Abstracts:

1. 2024, Incorporating Equity in Transportation: Lessons from Transportation Professionals, *TRB 2nd Conference on Advancing Transportation Equity*, July 15-18, Baltimore, MD. (Presented by a graduate advisee)
2. 2024, Incorporating Equity into Transportation Asset Management: Status and Recommendations from Professionals, *ASCE 2024 Conference*, May 17, Boulder, CO. (Presented by a graduate advisee- won the **Best Presentation Award**)
3. 2023, Identifying Performance Metrics to Support the Integration of Social Equity in Asset Management. *ASCE Inspire 2023 Conference*, November 15-18, Arlington, VA. (Presented by my co-author)
4. 2023, Transforming Transportation Asset Management (TAM) to Incorporate Social Equity: A Survey of Asset Managers. *TRB's 14th National Conference on Transportation Asset Management*, July 8-11, Boston, MA. (Presented by a graduate advisee)
5. 2020, Mock Arbitration as Experiential Legal Education for Construction Management Students." *ASCE Construction Institute Summit Legal Affairs and Dispute Resolution Papers Track*, February 20-22, Los Angeles, CA. (Co-presented with my co-author)
6. 2018, Condition Assessment (CA) Framework and Multi Criteria Decision-Making (MCDM) Models For Building Maintenance (BM) Decisions, *Associated Schools of Facility Management Fall Colloquium*, October 2, Charlotte, NC. (Presented by a graduate advisee)
7. 2014, Uncertainty in Bridge Inspection Results in Bridge Management and Inspection Planning, *ASCE 2014 Structures Congress*, April 3-5, Boston, MA. (Presented by my co-author)
8. 2014, Long-term Significance of CII Best Practices Course, *2014 Construction Engineering Conference*, March 27-29, Seattle, WA. [was further selected to be published in the special issue of ASCE Practice Periodical on Structural Design and Construction] (Presented by my co-author)
9. 2012, Determining the Items that Structure Bridge Management Components and their Relative Weights- Focus on Implementation, *13th AASHTO/TRB Maintenance Management Conference*, July 15-19, Seattle, WA. (Presented by a graduate advisee)
10. 2011, A Multi-metric Performance Measurement Framework for Transportation Projects, *2nd International Conference on Transportation Construction Management*, February 7-10, Orlando, FL.

11. 2009, A Comprehensive Evaluation of Virginia Department of Transportation's Experience with its First Interstate Asset Management Contract, *TRB's 8th National Conference on Transportation Asset Management*, October 19-22, Portland, OR.
12. 2009, Development of Performance Warranties for Performance-Based Road Maintenance Contracts, *1st International Conference on Transportation Construction Management*, February 9-12, Orlando, FL.
13. 2007, A Framework for Monitoring Performance-Based Road Maintenance, *TRB's 7th National Conference on Transportation Asset Management*, November 6-8, New Orleans, LA. (Presented by my co-author)
14. 2007, Efficiency Measurement of Road Maintenance, *Institute for Operations Research and the Management Sciences 2007 International Conference*, July 8-11, San Juan, PR. (Presented by my co-author)
15. 2007, Efficiency Measurement of Road Maintenance, *10th European Workshop on Efficiency and Productivity Analysis*, June 27-30, Lille, France. (Presented by my co-author)

Conference Posters with Refereed Abstracts:

1. 2024, Equity in Transportation Asset Management: Status and Recommendations from Practitioners, *TRB 2nd Conference on Advancing Transportation Equity*, July 15-18, Baltimore, MD. (Presented by a graduate advisee)
2. 2023, Challenges of Incorporating Social Equity into Transportation Practices, *2023 TRB 102nd Annual Conference Poster Session*, January 8-12, Washington D.C. (Presented by a graduate advisee)
3. 2022, Incorporating Social Equity Considerations into Transportation Asset Management, *Associated Schools of Construction 58th Annual International Conference Graduate Student Research in Progress Poster Presentations*, April 20-23, Atlanta, GA. (Presented by a graduate advisee)
4. 2022, Transferring Research Innovations in Bridge Inspection Planning to Bridge Inspection Practice: A Qualitative Study, *2022 TRB 101st Annual Conference Poster Session*, January 9-13, Washington D.C. (Presented by my co-author)
5. 2019, Trihalomethanes in Drinking Water: A Comparative Study between Conventional and Green Certified Buildings, *Associated Schools of Construction 55th Annual International Conference Graduate Student Research in Progress Poster Presentations*, April 10-13, Denver, CO. (Presented by a graduate advisee)
6. 2018, Investigation of Indoor Air Quality in LEED Certified Buildings, *Associated Schools of Construction 54th Annual International Conference Graduate Student Research in Progress Poster Presentations*, April 18-21, Minneapolis, MN. (Presented by a graduate advisee)
7. 2018, Multi Criteria Decision Making Models (MCDM) for Repair and Replacement Decisions in Condition Based Building Maintenance, *Associated Schools of Construction 54th Annual International Conference Graduate Student Research in Progress Poster Presentations*, April 18-21, Minneapolis, MN. (Presented by a graduate advisee)
8. 2017, Development of a Framework to Determine the Relative Weights of the Contextual Factors for Complex Highway Projects Using Analytic Hierarchy Process, *Associated Schools of Construction 53rd Annual International Conference Graduate Student Research in Progress Poster Presentations*, April 5-8, Seattle, WA. (Presented by a graduate advisee)
9. 2016, Bid or No Bid Decision Making Tool using Analytic Hierarchy Process, *Associated Schools of Construction 52nd Annual International Conference Graduate Student Research in Progress Poster Presentations*, April 13-16, Provo, UT. (Presented by a graduate advisee)

10. 2013, Multi-Measure Performance Assessment and Benchmarking of the Divisions of the Wyoming Highway Patrol, *2013 Lifesavers Conference*, April 14-16, Denver, CO. (Presented by a graduate advisee)
11. 2010, Utilization of Data Envelopment Analysis as a Benchmarking Tool in the Construction Industry, *Construction Industry Institute 2010 Annual Conference*, August 3-5, Orlando, FL.
12. 2008, Development of a Comprehensive Framework for the Efficiency Measurement of Road Maintenance Strategies using Data Envelopment Analysis, *2008 Construction Research Council Spring Meeting*, June 10, Chicago, IL.
13. 2007, Development of Performance Warranties for Performance-Based Road Maintenance Contracts, *TRB's 7th National Conference on Transportation Asset Management*, November 6-8, New Orleans, LA.
14. 2007, A Comprehensive Framework for the Efficiency Measurement of Road Maintenance Strategies, *TRB's 7th National Conference on Transportation Asset Management*, November 6-8, New Orleans, LA.
15. 2007, Sampling Procedure for Performance-Based Road Maintenance Evaluations, *TRB's 7th National Conference on Transportation Asset Management*, November 6-8, New Orleans, LA.

Symposiums/Congress Organized/Chaired:

1. 2023-2024, *Latin America Structural Engineering and Construction Conference*, March 4-8, 2024. Quito, Ecuador. **(Member of the Conference Technical and Scientific Committee)**
2. 2022-2023, *The Twelfth International Structural Engineering and Construction Conference*, August 14-18, 2023. Chicago, IL. **(Member of the Conference International Technical Committee)**
3. 2018-2019, *The Tenth International Structural Engineering and Construction Conference*, May 20-25, 2019. Chicago, IL. **(Member of the Conference International Technical Committee)**
4. 2017-2018, *The Second European and Mediterranean Structural Engineering and Construction Conference*, July 23-28, 2018. Beirut, Lebanon. **(Member of the Conference International Technical Committee)**
5. 2013-2014, *Construction Research Congress*, May 19-21, 2014. Atlanta, GA. **(Track Chair for the Infrastructure Management and Disaster Response Track)**
6. 2011, *2nd CSU CM Industry and Academia Research Symposium*, November 3, Denver, CO. **(Symposium Co-Chair)**
7. 2010, *1st CSU CM Industry and Academia Research Symposium*, November 4, Denver, CO. **(Symposium Co-Chair)**

Non-referred Presentations:

1. 2019, Autoethnography as Disciplinary Grounding: A Writing Intervention for Graduate Students, *Colorado State University Institute for Learning and Teaching, Professional Development Institute*, January 16, Fort Collins, CO.
2. 2013, Developing Bridge Management Components, *2013 WASHTO Annual Meeting*, August 4-7, San Francisco, CA. (Presented by a graduate advisee)
3. 2013, Using Service-learning to Teach Leadership in Sustainable Construction, *Colorado State University Institute for Learning and Teaching, Professional Development Institute*, January 15, Fort Collins, CO.
4. 2013, Teaching Sustainability through Service-learning in Construction Education, *Associated Schools of Construction 26th Annual Student Competition*, February 7, Sparks, NV.

5. 2012, Using Service-Learning as a Focus for Integrative Learning, *Colorado State University Institute for Learning and Teaching Summer Conference on Learning, Teaching, and Critical Thinking*, May 16, Fort Collins, CO.
6. 2010, Performance Measurement and Improvement in the Construction Industry by Benchmarking, *1st CSU CM Industry and Academia Research Symposium*, November 4, Denver, CO.

Non-refereed Posters:

1. 2023, Identifying Performance Metrics to Support the Integration of Social Equity in Transportation, *Annual Graduate Student Showcase*, November 15, Fort Collins, CO. (Presented by a graduate advisee)
2. 2023, Challenges of Incorporating Social Equity into Transportation Practices, *CSU CHHS Research Day*, March 6, Fort Collins, CO. (Presented by a graduate advisee)
3. 2022, Bringing Social Equity Considerations into Transportation Asset Management, *Annual Graduate Student Showcase*, November 16, Fort Collins, CO. (Presented by a graduate advisee)
4. 2022, Incorporating Social Equity Considerations into Transportation Asset Management, *CSU CHHS Research Day*, March 1, Fort Collins, CO. (Presented by a graduate advisee)
5. 2021, Condition Assessment Framework for Facility Management Based on Fuzzy Sets Theory, *CSU CHHS Research Day*, March 2-4, Fort Collins, CO. (Presented by a graduate advisee)
6. 2020, An Integrated Uncertainty-Based Bridge Inspection Decision Framework, *CSU CHHS Research Day*, March 10, Fort Collins, CO. (Presented by a graduate advisee)
7. 2020, Criteria Development for Building Maintenance in Higher Education Institutions: A Multi-Criteria Decision-Making Approach, *CSU CHHS Research Day*, March 10, Fort Collins, CO. (Presented by a graduate advisee)
8. 2019, An Integrated Uncertainty-Based Bridge Inspection Decision Framework, *Annual Graduate Student Showcase*, November 12, Fort Collins, CO. **(Presented by a graduate advisee- Won 2nd Place in the “Great Minds in Research” Award Category)**
9. 2018, Analysis of the Maintenance Work Order Data in Educational Facilities, *Annual Graduate Student Showcase*, November 13, Fort Collins, CO. (Presented by a graduate advisee)
10. 2017, MCDM Model for Repair and Replacement Decisions of Condition Based Building Maintenance, *Annual Graduate Student Showcase*, November 9, Fort Collins, CO. (Presented by a graduate advisee)
11. 2017, Indoor Air Quality Modeling for LEED Certified Buildings, *Annual Graduate Student Showcase*, November 9, Fort Collins, CO. (Presented by a graduate advisee)
12. 2016, Development of a Framework to Determine the Relative Weights of the Contextual Factors for Complex Highway Projects using Analytical Hierarchy Process, *Annual Graduate Student Showcase*, November 15, Fort Collins, CO. (Presented by a graduate advisee)
13. 2016, Development of the Bid or No Bid Decision-Making Tool Using Analytic Hierarchy Process and Testing its Validity, *Annual Graduate Student Showcase*, November 15, Fort Collins, CO. (Presented by a graduate advisee)
14. 2015, Benchmarking Organizational Performance of the Wyoming Highway Patrol’s Divisions, *Annual Graduate Student Showcase*, February 25, Fort Collins, CO. (Presented by a graduate advisee)

15. 2014, Department of Construction Management: Construction Leadership Course, Construction Management Cares (CM-Cares), *Annual Celebrate Undergraduate Research and Creativity Showcase*, April 15, Fort Collins, CO. (Presented by an undergraduate advisee)
16. 2013, CM Cares Service-Learning Program, *Annual Celebrate Undergraduate Research and Creativity Showcase*, April 30, Fort Collins, CO. (Presented by an undergraduate advisee)
17. 2012, Community Outreach Service-Learning Music Stand Project, *Annual Celebrate Undergraduate Research and Creativity Showcase*, April 17, Fort Collins, CO. ((Presented by an undergraduate advisee)
18. 2011, Applied Sustainable Project Delivery, *Annual Celebrate Undergraduate Research and Creativity Showcase*, April 19, Fort Collins, CO. **(Presented by Undergraduate Advisees- Won Awards in the Overall Category and Service-Learning Category)**
19. 2011, Involvement of Electrical Contractors in Integrated Project Delivery, *Annual Celebrate Undergraduate Research and Creativity Showcase*, April 19, Fort Collins, CO. (Presented by undergraduate advisees)
20. 2008, A Comprehensive Framework for the Efficiency Measurement of Road Maintenance, *2008 National Science Foundation CMMI Grantee Conference*, January 7-10, Knoxville, TN.
21. 2007, Development of a Comprehensive Efficiency Measurement Framework to Evaluate Different Approaches to Road Maintenance using Data Envelopment Analysis, *Graduate Student Assembly 23rd Annual Research Symposium and Exposition*, March 28, Virginia Tech, Blacksburg. **(Paul E. Torgersen Graduate Student Research Excellence Award Finalist)**
22. 2006, Development of Performance Warranties for Performance-Based Road Maintenance Contracts, *Graduate Student Assembly 22nd Annual Research Symposium and Exposition*, March 29, Virginia Tech, Blacksburg.
23. 2006, Highway Maintenance Monitoring Program, *Graduate Student Assembly 22nd Annual Research Symposium and Exposition*, March 29, Virginia Tech, Blacksburg.

COLLABORATIVE, INTERCOLLEGIATE & INTERDISCIPLINARY SCHOLARSHIP

- In my research endeavors, I **collaborate** with many faculty members within and outside of my department (e.g., **Civil and Environmental Engineering** and **Sociology**) including faculty members in other universities (e.g., **University of Colorado, Iowa State University, University of Pernambuco-Brazil, and Yildiz Technical University- Turkey**). These collaborations have resulted in **many grants and publications**.
- I am an affiliated faculty of the **Center for Sustainable and Intelligent Transportation Systems (CSITS)** at Colorado State University, which “conducts **multi-disciplinary research, education, and outreach on promoting the sustainability of critical transportation infrastructure, with a focus on safety and reliability, resiliency, autonomous and connected vehicles, connected transportation and smart infrastructure. CSITS brings together interdisciplinary research and thought leadership encompassing civil and environmental engineering, mechanical and system engineering, social sciences, public health, economics and business administration.**”
- I am an affiliated faculty of the Colorado State University’s **School of Global Environmental Sustainability (SoGES)**. SoGES is a special academic unit “designed to reach **across disciplines and colleges to forge new alliances and advance greater understanding of the challenges to achieving sustainability faced by our nation and global community.**”
- My research involves **multiple disciplines** such as Construction Engineering and Management and Civil Engineering, as it deals with the management and economics of the infrastructure assets; as well as Industrial and Systems Engineering, as it entails the development of models based on the production theory to improve performance. Furthermore, my research also embraces the concept of sustainability, which, by definition, adds **multiple disciplinary dimensions** such as sociology, economics, environmental sciences, and management science to the research projects that I undertake. As such, I have been collaborating with faculty from **Civil and Environmental Engineering, Industrial and System Engineering** as well as **Sociology** departments in my research endeavors.

- One of my research projects dealing with measuring and improving the productivity performance of the Wyoming Highway Patrol in changing poor driver behaviors (such as speeding, driving under the influence, etc.) **brought together industrial and systems engineering concepts with sociology** for improving highway traffic safety.
- For my **scholarship of teaching** efforts, I collaborate with faculty and graduate students from the **Sociology** department.

CV SECTION 3: Evidence of Teaching and Advising Effectiveness

SYNOPSIS OF TEACHING AND ADVISING EFFECTIVENESS:

I have taught a **variety of classes both at the undergraduate and graduate level** as listed below:

1. **CON 101-** Introduction to Construction Management
2. **CON 367 -** Construction Contracts and Project Administration
3. **CON 450-** Travel Abroad-Sustainable Buildings: This is a 12-day long 3-credit **study abroad course** held in Costa Rica. This course has a large service-learning component as detailed in my CV and is team-taught with Dr. Rodolfo Valdes-Vasquez.
4. **CON 496-** Group Study: Change Impact and Construction Claims Management: This course was taught by an industry professional. I was the instructor of record and the faculty liaison for this course. My specific responsibilities were: Developing the syllabus, administering the online course management system for this course, and being present in all course sessions to facilitate the classroom discussions.
5. **CON 502-** Research in Construction Management-I
6. **CON 562 -** Issues and Trends in Construction Management
7. **CON 568 -** Construction Industry Institute (CII) Best Practices: This course was taught by industry professionals via **live videoconferencing**. I was the instructor of record and the faculty liaison for this course. My specific responsibilities were: Developing the syllabus, administering the online course management system for this course, and being present in all course sessions to facilitate the classroom discussions.
8. **CON 577 -** Applied Sustainable Project Delivery: This was a **service-learning course** as detailed in this section and was team-taught by Dr. Caroline Clevenger.
9. **CON 580A3-** Multi-Criteria Decision Making in Engineering and Construction: This course addresses construction and engineering related decision-making problems involving multiple criteria and explores various multi-criteria decision-making techniques using case study applications. Given its **multi-disciplinary nature**, this course is taken by M.S. and Ph.D. students pursuing different degrees such as construction management, architecture, civil engineering, environmental engineering, and systems engineering, as well as working professionals and members of the U.S. armed forces. Further adding to the **diversity of students**, this course also has students from Yildiz Technical University, Istanbul, Turkey who join the sessions online.
10. **CVEN 3246:** Introduction to Construction: I taught this course in 2010 Summer session as a visiting professor at the University of Colorado Boulder.
11. **CVEN 4087:** Engineering Contracts: I taught this course in 2009 Summer session as a visiting professor at the University of Colorado Boulder.

I have attended numerous teaching-related professional development activities and sought continuous improvement in the classes I teach, reevaluating my delivery every semester and adding new methods like **case studies, roundtable discussions, and critical thinking exercises**. My **student course evaluations have consistently been very high** and **student comments** (both in course evaluations and unsolicited) have been **positive**. I **introduced new courses to the curriculum** and volunteered, **above and beyond my assigned teaching load**, to teach these courses. In my courses, I included discussions about **social equity related considerations** that need to be incorporated into decision-making for the design and construction of the built environment/infrastructure; and challenged my students to identify and include such considerations in their final project. I have been active and successful in implementing the concept of **service-learning** as evidenced by multiple service-learning awards I received. I have been invited to assume **external program evaluator roles at the national and international levels** based on my teaching experience and expertise. I also served on an **ACCE Accreditation Visiting Team**.

I successfully **mentored both undergraduate and graduate students** on research projects and was the **faculty mentor of an undergraduate student** who won **first place in a national essay competition (by the Associated General Contractors)**. I continue to be the **advisor of the CMAA student club** that I had established at the beginning of my career. I also coached the ASC Commercial team in 2015-2016; and the team was placed first at the ASC Competition. I graduated **3 PhD students** (one received **two national scholarships for her research**) and currently I am the advisor for another PhD student on track to graduate in Spring 25. I graduated **17 MS students** and currently I am the advisor for two MS students on track to graduate in Summer 25 and Summer 26. I value **mentoring my graduate advisees** in writing papers and have co-authored **at least one** peer-reviewed journal article, peer-reviewed conference proceeding, or a peer-reviewed technical report **with all of my advisees**.

As a result of all of these efforts, I received **multiple teaching awards at the university and national level**, including an award **voted by the students** in the Department.

TEACHING:**Courses Taught (Last Ten Semesters):**

<u>Year</u>	<u>Semester</u>	<u>Course No./Title</u>	<u>Cr. Hrs.</u>	<u>Enrollment</u>	<u>Student Cr. Hrs.</u>
2024	Fall	CON 101: Introduction to Construction Management	3	72	216
2024	Fall	CON367: Const. Contracts & Project Admin.	2*3=6	95	285
2024	Spring	CON 101: Introduction to Construction Management	3	41	123
2024	Spring	CON367: Const. Contracts & Project Admin.	3	28	84
2024	Spring	CON580A3: Multi-Criteria Decision-Making Tech.	3	6	18
2023	Fall	CON 101: Introduction to Construction Management	3	42	126
2023	Fall	CON367: Const. Contracts & Project Admin.	3	22	66
2023	Fall	CON 695: Graduate Independent Study ¹	2	3	6
2023	Spring	CON367: Const. Contracts & Project Admin.	2*3=6	70	210
2023	Spring	CON 450: Education Abroad-Sustainable Buildings ²	3	14	42
2022	Fall	CON367: Const. Contracts & Project Admin.	3	30	90
2022	Spring	CON367: Const. Contracts & Project Admin.	3	36	108
2022	Spring	CON580A3: Multi-Criteria Decision-Making Tech.	3	5	15
2021	Fall	CON367: Const. Contracts & Project Admin.	2*3=6	58	174
2020	Spring	CON367: Const. Contracts & Project Admin.	3	39	117
2020	Spring	CON 450: Education Abroad-Sustainable Buildings ²	3	14	42
2019	Fall	CON 502: Research in Construction Management I	3	4	12
2019	Spring	CON367: Const. Contracts & Project Admin.	3	39	117
2019	Spring	CON 450: Education Abroad-Sustainable Buildings ²	3	18	54

¹: This course was offered to replace CON 502- Research in Construction Management I course which got cancelled due to low-enrollment and included all elements of that course.

²: This course has a **large service-learning component** and was team-taught with Dr. Rodolfo Valdes-Vasquez. This course is discussed in detail under the section entitled “**Integration of Service Learning**”.

Development of New Courses

CON 502- Research in CM I

As a part of the **new MS-CM curriculum** effective Fall 2016, I developed **this new course and have taught it multiple times**. This course is designed to prepare construction management **graduate students to identify meaningful research questions addressing issues in the construction industry and to start performing research on those issues**. With these overarching goals in mind, I developed the content and assignments of this course, which enabled the students to learn about (i) resources available to them to conduct research, (ii) critical thinking, (iii) developing research questions, (iv) responsible and ethical conduct of research, (v) use of citation management software, (vi) components of and process for writing a thesis/dissertation, (vii) process for academic writing, review, and publishing, (viii) delivering effective presentations, and (ix) performing and writing a literature review.

CON 580A3- Multi-Criteria Decision-Making in Engineering and Construction

In 2022, I developed and have co-taught since then, with Asli Pelin Gurgun, Ph.D., from the Turkish Yildiz Technical University, a new graduate level course entitled, “CON 580A3, Multi-Criteria Decision-Making Techniques in Construction and Engineering.” This course **addresses construction and engineering related decision-making problems involving multiple criteria** and explores various multi-criteria decision-making techniques using case study applications. Given its **multi-disciplinary nature**, this course is taken by M.S. and Ph.D. students pursuing different degrees such as construction management, architecture, civil engineering, environmental engineering, and systems engineering, as well as working professionals and members of the U.S. armed forces. Further adding to the **diversity of students**, this course also has students from Yildiz Technical University, Istanbul, Turkey who join the sessions online, as per a memorandum of understanding promoting collaborative efforts between the two institutions. The course has been a success by any measure and allowed students from different disciplines and countries to interact with each other, while developing solutions to real-life decision-making problems. **My paper discussing this class received the “Best Presentation Award” at the ASEA-SEC 06 Conference in 2022.**

CON 577- Leadership of Sustainable Community Projects (formerly CON 580 A2- Applied Sustainable Project Delivery)

Please see a detailed description of this course I co-developed with another faculty member under the section entitled “**Integration of Service Learning**”.

CON 568- Construction Industry Institute (CII) Best Practices (formerly CON 580 A1):

I introduced this course to the CM curriculum and volunteered (**above and beyond my regular teaching load**) to offer it a few times. This course enabled students to **learn directly from senior executives in the industry**. The course provided students with industry contact time in the classroom and the opportunity to see how CII Best Practices are put into practice by the leading participants of the construction industry that could be the students’ future employers. Students also had free access to CII’s published research reports. **CSU was one of only 10+ universities nationwide** to offer this course to students. This course is a good example of **using technology for teaching and learning**; as the course was taught via the state of the art live videoconferencing system hosted in the CM Department’s facilities. I assisted in the specification and procurement of the technology required for this course, which can also be used for other similar courses that we can offer in the future. Even though it is listed as a graduate course, I **allowed undergraduate students to take this course** as well (i) to ensure that the juniors, who are about to start their internships (3 month or 6 month) and seniors, who are about to graduate and start working, would be exposed to the CII best practices and champion those in the companies they will work for and (ii) to promote interaction between the undergraduate and graduate students through class participation and group work. Typically, undergraduate and graduate students do not get the chance to interact with each other; this course provided a platform for that at a professional level. This turned out to be beneficial, especially for the undergraduate students as they got a chance to learn about the graduate program from their peers. Due to the efforts in incorporating this course into CM’s curriculum and unique features introduced to the course, CII has awarded the “**CII Curriculum Partner Award**” to CSU’s CM Department.

KEY 192C- Breaking Ground: Building Future Leaders

I developed (with Dr. Caroline Clevenger) the curriculum and syllabus for a new class offered in CM to the CSU KEY Community. The class is entitled “Breaking Ground: Building Future Leaders” and has been offered **since Fall 2014 multiple times with success**. The director of CSU Key Communities states that “*Key Communities are a signature program at Colorado State University, based on the concepts of active and experiential learning, interdisciplinary learning, undergraduate research, and service-learning and grounded in academic excellence, diversity, community, service, and leadership. On average, participation in Key increases the retention rate of a cohort of students by 8.3 percentage points and the 6-year graduation rate of a cohort of students by 9.8 percentage points.*” It is important to **note that** even though I co-developed the curriculum and syllabus for this class, I have never taught it; as due to teaching loads, it has been assigned to non-tenure track faculty in our department.

Integration of Service LearningCON 577- Leadership of Sustainable Community Projects (formerly CON 580 A2- Applied Sustainable Project Delivery)

I and Dr. Caroline Clevenger developed and volunteered (**above and beyond our regular teaching load**) to co-teach this **service-learning class focused on sustainable design and construction**. This course, supported by a TILT Service-Learning Faculty Mini Grant and Bohemian Foundation Pharos Grant as well as a Colorado Campus Compact Grant, engaged at-risk teens and the community through a hands-on service project, and empowered CSU construction management students to be leaders, stewards, and mentors by managing a real-world project from conception to evaluation. In this course, CSU students worked with Centennial High School (CHS) students at their shop class to construct projects to be donated to local entities. Service outcomes included (i) building and donation of projects (such as Great Dane doghouses for the Rocky Mountain Great Dane Rescue and music instrument stands for the Bennett Elementary) and (ii) motivating CHS students to pursue higher education by exposing them to the construction management profession, and helping them to learn more about sustainability and civic engagement through interactions with college students. All individuals involved have volunteered their time to lead (teach) by example. Such a flexible and collaborative approach has given CSU students real-world experiences involving **leadership and team decision-making unique to service learning**. The innovative class structure serves as a model of the challenges and opportunities inherent to a real-world design-build construction project, and allows the students to cover a significant amount of material in a short period based on a “**learn-by-doing**” approach. I successfully leveraged my training as a service-learning scholar to shape course assignments to include reflection assignments, journal entries, and critical-incident reports.

We received both **Provost’s N. Preston Davis Award for Instructional Innovation** and **TILT’s Instructional Innovation in Service-Learning Faculty Award** for our efforts in this course. Additionally, our community partners (CHS shop class teacher and a local architect) received the **CSU TILT Exceptional Achievement in Service-Learning Community Partner Award**. The projects that were built during this class were showcased at CSU’s Sustainability Fair as well as in Fort Collins Earth Day celebration.

CON 450- Education Abroad: Sustainable Buildings: Introduction to Sustainable Design and Construction- Costa Rica

I co-teach this **education abroad course** with Dr. Rodolfo Valdes-Vasquez. This 2-week long course incorporates **two service-learning projects**. For the first one, students **build a small community project** using the “bahareque technique” which is a natural construction method that relies on the use of bamboo, clay, and straw for construction materials. **Through this service-learning project, students develop an appreciation of the use of local materials as well as working as a community in addressing the pillars of sustainability**. For the second service-learning project, students stay with host families and perform a needs assessment for a project needed in the community. Then, they **put together a construction solution** (with a schematic design, estimate, and material selections) to address the need they identified for the community. **In working on this service-learning project, students get a chance to implement and practice all the sustainability related concepts they learned in this class to solve a real-world problem.**

Examples of Course Improvements

CON 101- Introduction to Construction Management:

- I included a number of different activities such as a **panel discussion** with CM senior students and staff, class visits from key **professionals in the construction industry**, and **construction site visits to get pre-CM students excited about our program and the construction industry**.
- I added an activity requiring the use of the ASCE Future World Vision Mega City 2070 virtual platform. For this activity, students navigate the Mega City 2070 to learn about some new concepts (in callouts) and engaged in a conversation in the platform's discussion board for a given callout, as relevant to construction. Students perform basic research to be able to engage in written discussions with other users of the platform. I incorporated this activity; as this platform is a **powerful tool to promote critical thinking** in the classroom. **My use of this platform in the classroom has been featured both in ENR and the ASCE Civil Engineering Magazine as news stories**, and I have received **several invitations to talk in different venues** about my use of this platform to promote student critical thinking.

CON 367- Construction Contracts and Project Administration:

- I incorporated a **case study**, which requires the students assume the **role of different entities** and perform **role-playing**, thereby providing a great **student-centered active-learning** opportunity. For this exercise, students are required to study the documents (the claim by the general contractor, the rebuttal by the owner, and all accompanying documentation such as general conditions, memorandum of understanding, technical specifications, drawings, expert testimonies, soil reports, etc.) that relate to a real dispute in a construction project. Then, groups of students are assigned one of the following three roles: general contractor, owner, or arbitration panel. The students, then, are asked to participate in **mock arbitration sessions**, which are held in the evenings. Even though this activity is held beyond the regularly scheduled class times, the students' feedback has been very positive. The overall purpose of this case study based activity is for the students to be able to **see how some items that are discussed in the class** (e.g., inspections, resident project representative, design defects, constructive changes, notice requirements for claims, addenda, authority, agency, CM responsibilities, preconstruction conference, Spearin Doctrine, contract interpretation, substantial completion, equitable adjustment, delay claim, documentation etc.) **relate to real-life scenarios**. Also, this case study is designed to help the students develop skills in presenting or defending against a construction dispute and understand the dynamics of **alternative dispute resolution procedures**. As an additional benefit, through assuming roles of different entities (i.e., general contractor, owner, or arbitration panel), and through **role-playing**, students are able to **identify the views of those entities on a real construction dispute**.
- I incorporated a **case study** on a construction contract-project administration related issue and developed new assignments for pre and post case study analysis, which require the students to think and write critically in analyzing a construction dispute. By performing their analysis at the beginning of the semester (when presumably they do not have much, if any, knowledge of construction contracts) and then at the end of the semester (when, hopefully, they have learned a great deal about construction contracts), **students are able to identify the contributions of this class to their knowledge and provide a written reflection about that**.
- I asked the students to write **critical review papers** and deliver **presentations about a scholarly article related to the topic** covered in that week. These are aimed at providing the students with an opportunity to be engaged in writing and presenting to their peers to develop and **practice written and oral communication skills**. Furthermore, through this activity, we have been able to go **beyond the basic concepts discussed in this class and learn some of the thoughts and ideas of others performing research relevant to the topic covered in each week**. I firmly believe that this enriches the learning experience of the students as they get **exposed to the research performed with respect to the subject matter**. This exercise also serves as a sneak preview of the activities that one performs a lot in graduate school.

- I added an activity requiring the use of the ASCE Future World Vision Mega City 2070 virtual platform. For this activity, students navigate the Mega City 2070 to learn about some new concepts (in callouts) and engaged in a conversation in the platform's discussion board for a given callout, as relevant to construction. Students

perform basic research to be able to engage in written discussions with other users of the platform. I incorporated this activity; as this platform is a **powerful tool to promote critical thinking** in the classroom. **My use of this platform in the classroom has been featured both in ENR and the ASCE Civil Engineering Magazine as news stories**, and I have received **several invitations to talk in different venues** about my use of this platform to promote student critical thinking.

CON 580A3- Multi-Criteria Decision-Making Techniques in Construction and Engineering:

- I included discussions about **social equity related considerations** that need to be incorporated into decision-making for the design and construction of the built environment/infrastructure; and challenged my students to identify and include such considerations in their final project.

I made all of the abovementioned course improvements to **address certain components of my teaching philosophy** such as:

- i. Providing **student-centered active-learning** opportunities.
- ii. Bringing in some high-level course objectives to the undergraduate classes to instigate **critical thinking skills** in undergraduate students.
- iii. Bringing **research** into classroom discussions.
- iv. Promoting **graduate education** among undergraduate students.
- v. Helping my students become well-rounded individuals with superior **communication skills**.
- vi. Helping my students become **professionals** who care about **DEI considerations in their decision-making**.

Student Course Surveys

Based on the current CSU course survey format, a large majority of the students identify the following as the strengths in the courses I teach:

- Inclusive environment
- Clarity of expectations and grading
- Timing of feedback
- Challenge of the course
- Accessibility and usefulness of materials
- Instructor communication
- Support from the instructor

Below are a few example **verbatim comments** from the end-of-semester student course surveys for the main undergraduate and graduate courses that I have taught over the years:

CON 101- Introduction to Construction Management:

- *“Very passionate about subject and also very informed. Presented the material fluidly and clearly and definitely got me excited about upcoming 3 years.”*
- *“He was an incredible teacher, every day he showed up with passion and energy to teach us about the construction industry.”*
- *“Instructor did an incredible job teaching this class. There was a ton of material to cover and he made it more than doable for any person interested in succeeding. Very fair, knowledgeable, and to the point.”*
- *“Wonderful class- enthuses me about pursuing CM at CSU- thank you for a great semester”*
- *“Mehmet is an ABSOLUTE LEGEND. After this class I wanted to ask him for his autograph. I hope he can teach more classes in the CM department”*
- *“I felt like this course gave me a great insight on the construction industry as a whole. Professor Ozbek has great knowledge of the construction industry which allowed him to give us as students the most out of this course.”*
- *“The course is great and it has an amazing set up. Mehmet is very knowledgeable and he really helps the class learn”*
- *“Best teacher I’ve ever had. Give this man a raise”*

- *“Great course, really helped me get an understanding of the industry. It was good to do the site tours and have guest speakers as well.”*
- *“I really enjoyed your class. You explained all the topics well and I appreciated the study guides and the jeopardy games to help us study for the midterms.”*

CON 367- Construction Contracts and Project Administration:

- *“Amazing teacher, that loved to see his students learn and succeed.”*
- *“Thank you for teaching, you were very respectful and taught many lessons even just about responsibility and accountability, we need more teachers like Mr. Ozbek who want to teach, in his room you can feel the energy of growth.”*
- *“Mehmet wanted to see everyone learn, and he did great with including students in class discussions.”*
- *“Great learning environment, Mr Ozbek knew how to take control of the class and make us feel motivated and excited for class. -Silly videos or memes were shown every once in a while some related to class and some not, THANK YOU, it is nice to see some personality from our teachers.”*
- *“Very clear and understandable. Mehmet was a great professor and was very clear in his expectations!!”*
- *“The instructor expects participation and work to be submitted on time.”*
- *“Thank you for an awesome semester, you were/are a GREAT professor!!”*
- *“Workload and expectations are straightforward.”*
- *“It was challenging at times, but very doable.”*
- *“The workload was spaced out well, not stressful, and overall enjoyable”*
- *“There is a decent amount of homework but it is all spread and released with sufficient time to complete and plenty of time to ask for clarification.”*
- *“Mr. Ozbek was specific about his times for assignments and not taking any late work, along with that he would update us daily on assignments even if he already released them, absolutely great communication.”*
- *“I appreciate Dr. Ozbeks style of teaching. However I think the grading system was harsh.”*
- *“Every class we had lectures and Mehmet had a great way of teaching the course. He would have us engage in many discussions with peers and also bring in real-life events when explaining content each week. While the content was a lot and hard, he did great teaching and I wouldn't want any other teaching teaching contracts*
- *“Feedback in this class was AMAZING, I don't know if it was just our TA or both TA and our teacher but amazing feedback time. E-mails were responded to within 48 hours, THANK YOU! Very rare some classes don't grade things for months it is nice to get timely and constructive feedback.”*
- *“I did enjoy the course and learned a lot. However my grade does not reflect that unfortunately. I would definitely take another class taught by Dr. Ozbek, as long as the same TA does not grade my work.”*
- *“Made the class really interesting by having discussions and application based assignments. I really enjoyed the classes with Dr. Ozbek.”*

CON 502- Research in Construction Management I:

- *“Dr. Ozbek is awesome. Especially, his feedback on the assignments is very helpful. It is clearly evident that he spends time as much as we spend on the assignment to give us valuable feedback. He is also very concerned about students' interests and passion. He was very supportive when I expressed my interest in expanding construction education in my country. I would say, he is the best.”*
- *“This is by so far the only best and useful course in this semester. I would like to thank Dr. Ozbek for not only teaching this course the way he did- ranging from introducing the field of research to us to inviting various personalities from the construction field in the class to hear multifaceted knowledge and experiences related to research from them. More than that, what really impressed me was the quality of feedback that he gave me throughout all the assignments. My knowledge has broadly increased, I am more aligned to research ever than before, and last but not least, my writing skills has increased because of this class. I highly recommend taking this class to all Graduate and PhD students.”*
- *“This course really made you think out of the box.”*
- *“The course structure was good and I learnt a lot out of it.”*
- *“The thing that I liked most about this course was the grading of Dr Ozbek to the assignment. He read every word and commented fairly on everything he noticed. This really helped me in improving in many aspect and clearly understanding my weaknesses.”*

Peer Evaluations of Teaching

The following peer evaluations were recently (in AY 2023/2024) performed for the main classes I teach:

CON 101: Peer evaluation by Dr. Svetlana Olbina. This evaluation highlights that:

- I engage students.
- My class is well organized.
- I am passionate about the topics I teach.
- I use technology in the classroom to keep students interested.
- I care about my students and create an inclusive environment in the classroom.

CON 367: Peer evaluation by Dr. Paul Goodrum. This evaluation highlights that:

- I am punctual and well-prepared.
- I have a strong presence in the classroom and manage the class well.
- I create an equitable classroom environment where students feel safe to express their ideas.
- I have experience, practical knowledge, and substantial subject matter knowledge of the topic I teach.
- Some students engaged in non-class activities on their laptops and phones.
- I primarily and effectively use electronic media in the classroom and could also use whiteboard to emphasize definitions and key concepts.
- I cultivate an environment of student professionalism.
- My pedagogy is appropriate for a 300-level course.

Participation in Professional Development Activities Related to Teaching

In addition to numerous short CSU Institute for Learning and Teaching (TILT) sessions (e.g., Echo 360, measuring teaching effectiveness, etc.) that I attended, listed below are the **more comprehensive teaching-related professional development activities** I participated:

2024: I attended a 3-week long TILT course entitled “**Best Practices in Teaching at CSU: Accessible and Inclusive Electronic Content**”. In this course, the importance of inclusive online content and practice using accessibility tools and strategies is discussed.

2024: I attended the TILT workshop entitled “**The Interactive Classroom: Identifying Active Learning Approaches that Align with Course Goals**”. This course uses Learning Experience Design Cards (LXD) and other classroom assessment techniques to identify active learning approaches that align with course goals. The activities on LXD Cards are intended to help design courses that engage students, foster critical thinking, and show clear alignment to course outcomes.

2023: I attended a 3-week long TILT course entitled “**Best Practices in Teaching at CSU: Rubrics as a Tool to Support Student Success**”. This course presents rubrics as a tool for assessing student performance on assignments, papers, and projects. This course prepares participants to design an analytic rubric for one of their assignments. Additionally, rubrics for a wide set of purposes are examined.

2023: I attended the workshop entitled “**CHHS Social Justice Speaker Series Workshop: Speaking Up: How Bystanders Can Change the Conversation about Social Bias**”

2022: I attended the **CIT-E Model Introductory Infrastructure Course Adaptation Workshop**.

2022: I have worked with Hensel Phelps to organize a one-day meeting with CSU faculty and staff to showcase some of their work with technology such as **VDC and 3D printing that could be used in classroom**.

2022: I attended the workshop entitled “**CHHS Social Justice Speaker Series Workshop: Transforming Hispanic Serving Institutions**”.

2022: I attended a 3-week long TILT course entitled “**Best Practices in Teaching at CSU: Teaching Online: Facilitation and Engagement**”. This course incorporates research-based practices designed to foster a supportive online classroom community, engage students, and develop feedback and assessment strategies, with attention to doing so effectively in both small and large-enrollment sections.

2021: I attended a 3-week long TILT course entitled “**Best Practices in Teaching at CSU: Inclusive Pedagogy**”. This course engages the participants in self-reflection to consider their own lived experiences and how they use those as a lens to make decisions regarding all aspects of their teaching: their class climate, their instructional practices, and what they inherently believe about their students. In this course, participants consider their students’ diverse strengths and how to leverage those to develop an inclusive classroom. Participants review their current curriculum and look for opportunities to incorporate inclusive practices that heighten students’ sense of belonging which, ultimately, contributes to their level of success.

2020: **Professional Development Related to Transitioning to Remote Teaching/Learning-** I sought resources and professional development opportunities to help me with the sudden shift to remote teaching/learning. In Summer of 2019, I had I attended the second CSU Mobile Summer Institute, a “*week-long workshop on integrating evidence-based teaching strategies for faculty in all fields.*” Throughout this workshop, I was exposed to the concepts of **scientific teaching, backward design, peer teaching assessment and mentoring, and inclusivity in the classroom.** In 2020, this program (**Summer Institutes**) provided resources for moving classes online that I made use of. Additionally, in 2020, I used the **resources provided by the Tomorrow’s Professor e-Newsletter** sponsored by the Stanford University’s Center for Teaching and Learning.

2020: **Professional Development Related to Incorporating Sustainability into Curriculum-** I attended a webinar entitled “**Strengthening Sustainability Programs in Higher Education**” which addressed the following topics: “(i) strengthening **sustainability educational programs at undergraduate and graduate levels;** (ii) building the **academic environment for sustainability in higher education** institutions; and (iii) developing a sustainability workforce to understand and address current and future sustainability challenges.”

2019: I attended the second CSU Mobile Summer Institute, a “*week-long workshop on integrating evidence-based teaching strategies for faculty in all fields. A new iteration of the National Academies Summer Institute (NASI), the MoSI is grounded in Handelsman, Miller, and Pfund’s Scientific Teaching and was developed with funding from the National Science Foundation and the Howard Hughes Medical Institute. Materials and activities of the MoSI are coordinated through the Yale Center for Teaching and Learning and are grounded in research on teaching best practices.*” Throughout this workshop, I was exposed to the concepts of **scientific teaching, backward design, peer teaching assessment and mentoring, and inclusivity in the classroom.**

2015: I was **invited to attend a full day workshop** delivered by the Campus Compact of the Mountain West. This was a **train-the-trainer type of a program** entitled “Engaged Faculty Institute Curriculum Facilitator Workshop” to help the participants **become facilitators to disseminate information related to the service-learning concepts to other faculty members in their institutions.**

2013: I was selected as a 2013 American Society of Civil Engineers (ASCE) Excellence in Civil Engineering Education (ExCEED) **Teaching Fellow** to participate in the 2013 ASCE ExCEED Teaching Workshop. This well-known **week-long workshop** includes **thirteen seminars and three demonstration classes taught by veteran professors.** The workshop requires the attendees to teach three practice classes, at the end of which a comprehensive **formative assessment** is received. Furthermore, attendees participate in the **assessment of the practice classes taught by other attendees.**

2013: I was **invited to attend** the Colorado Campus Compact **Engaged Faculty Institute (EFI).** EFI provides an opportunity for practitioners to participate in a “*multi-faceted training experience around service learning, a dynamic teaching/learning strategy that has been shown to increase students’ mastery of course content, enrich campus/community relationships, and positively impact retention rates.*”

2009 and 2010: I attended the 7th and 8th Infrastructure Management Research and Education Workshop aimed at helping faculty with interest on **infrastructure management in developing courses related to that topic.**

2009: I was selected to attend the **Service-Learning Scholars Program workshop series** by TILT at CSU, which provided information on service-learning by engaging in *“dialogue about student-centered, experiential education that promotes academic learning while serving genuine community needs.”*

Professional Consultation Related to Teaching

- In 2022, I served as an **External Reviewer for the Bachelors in Construction Engineering** degree program at the **University of Doha for Science & Technology**.
- I was invited to serve as the **External Reviewer for the University of Nevada Las Vegas’ MS in Construction Management (MSCM)** program offered in the Civil and Environmental Engineering and Construction department. I visited the program in 2018 and provided my feedback as well as a written report with a **comprehensive assessment and suggestions for improvement with respect to the curriculum** of the MSCM program.
- I was appointed as the **External Examiner for the Construction Engineering Division at the University of Technology in Kingston, Jamaica** and visited the program in 2017. During my visit, I reviewed numerous documents related to the **curriculum of a number of degrees** the Division offers, providing my **feedback on potential improvements in terms of the curriculum, specific courses, final exams**, and collaboration opportunities with other divisions in the Faculty of the Built Environment (FOBE). I also had meetings with the faculty, department head of the Division, as well as the Dean of the FOBE to perform an assessment of the Division and provide a formal report. I continued to serve in this role (External Examiner) in 2018. While an on-site visit was not necessary in 2018, I received and reviewed numerous documents and provided **my feedback relevant to the curriculum**.
- In 2013 and 2017, I was invited by Routledge Publishing to **review and provide input on a textbook** entitled “Successful Contract Administration for Constructors and Design Professionals” (to be used in the courses offered in CM and Civil Engineering programs) due to **my professional expertise related to Construction Contract Administration**.

ADVISING:

STUDENT ADVISING/GRADUATE SUPERVISION

GRADUATE STUDENTS:

Current Graduate Advisees:

1 PhD in Civil Engineering (PhD- collaborative degree in CEM with the Civil and Env. Eng. Dept.- co-advised)
2 MS in CM

Graduate Degrees Completed Under my Supervision

3 PhD in Civil Engineering students (all co-advised), **14 MS** in Construction Management students (2 co-advised), and **3 MS** in Civil Engineering students (all co-advised)

NOTE: Currently, there is no **in house PhD program in the Department of Construction Management at CSU**. There are collaborative PhD programs with the Department of Civil and Environmental Engineering and the School of Education. I have been active in the collaborative PhD program with the Department of Civil and Environmental Engineering, which requires co-advisors from both departments.

Descriptions of Mentoring Activities

Undergraduate Mentoring:

- I mentored an **Honors undergraduate student** for him to write a **research paper** on Design-Build project delivery system in my class as an honors option.
- I served as the **faculty mentor of an undergraduate student** to write an **essay** (entitled “Building and Growing with Mobile Technology”) which was submitted to the Associated General Contractors (AGC) Education and Research Foundation James L. Allhands Essay Competition and **was awarded the first place nationally**.
- I mentored **two undergraduate students** on a **funded research project** to expose them to the **academic research process**.
- I mentored **four undergraduate students** in **developing posters to be showcased in CSU’s Undergraduate Research Symposium**. Two of these students won **two awards** for their poster: High Honors in the general posters category and Highest Honors in the Service-Learning posters category.

Competition Team Coaching:

- I served as the **faculty coach** for the CM Commercial Competition Team, which competed in the Annual Associated Schools of Construction Competition in 2016 **and was placed first**.
- I served as the **faculty coach** for the CM Graduate/Integrated Project Competition Team, which competed in the Annual Associated Schools of Construction Competition.

Student Chapter Advising:

I established the Construction Management Association of America (CMAA) Student Chapter at CSU in my first semester at CSU (in November 2008) and **have been serving as the faculty advisor since then**. The board of this student chapter has typically been composed of both undergraduate and graduate students. **I have been very active** in helping the students organize successful events in pursuit of becoming a well-recognized student club. The student chapter was selected as the “**National Student Chapter of the Year**” by CMAA and was highlighted, at the national level, as an example for programs considering establishing CMAA Student Chapters in their colleges. Furthermore, the student chapter was invited to two CMAA National Conferences to present its best practices to a large group of audience. I helped the chapter **over \$20,000** from external sponsorships as well as from university funding sources (Associated Students of CSU, SLICE, CMBOD, and William Duff Speakers Series Funding).

Independent Study Advising:

I served as an **independent study advisor** for **undergraduate** and **graduate students**. These independent studies resulted in **peer-reviewed publications**, **case studies** to be used in my classes, and **posters** presented in CSU’s Undergraduate Research Symposium.

Supervised College Teaching Mentoring for Undergraduate and Graduate Students:

I **mentored both undergraduate and graduate** students on “Supervised College Teaching” technical elective course. Within this context, I **taught them the critical evaluation and feedback aspect of the college teaching** as well as use of technology in teaching. Furthermore, **a few of them got a chance to prepare and teach class sessions and received my feedback**. In other words, the students that I mentored were not just “grader”s; they benefited from this “Supervised College Teaching” experience, as they were exposed to different aspects of college teaching.

OTHER ACTIVITIES/ACCOMPLISHMENTS – TEACHING/ADVISING

Visiting Scholars

I **hosted three visiting scholars from international institutions**, Dr. Emilia Rabbani, Dr. Asli Pelin Gurgun, and Dr. Alberto Casado, at CSU and collaborated with them.

CV SECTION 4: Evidence of Outreach/Service/Engagement

SYNOPSIS OF OUTREACH/SERVICE/ENGAGEMENT:

I have been highly active in service at various levels within the university as well as professional service. I have served on **numerous committees at the department (21), college (7), and university (4) level**; significantly increasing my service efforts over the years. Most notably, I **chaired the department T&P committee (two separate terms), the department Review and Promotion Committee** as well as **the department graduate committee**. I have served as the department's graduate program coordinator for 9 years. In that role, I was **instrumental in performing a major curriculum revamp for our MS degrees** (effective Fall 2016) as well as in **developing the collaborative Construction Engineering and Management PhD program** (effective Fall 2016) offered **in conjunction with the Department of Civil and Environmental Engineering** at CSU.

I have been **invited to provide professional service nationally and internationally in numerous venues** and have served on **reputable journals' editorial boards (Editor-in-Chief for ASC International Journal of Construction Education & Research, Specialty Editor for the ASCE Journal of Construction Engineering and Management, and Associate Editor for TRB Transportation Research Record Journal); grant review panels for NSF and the USDOT; national committees of ASCE and TRB; and conference technical committees.**

I have served as a **reviewer for 32 journals, 16 conferences**, a textbook, and **external tenure and promotion cases from other institutions**, served as a **committee member** for masters and doctoral students in **external institutions; panelist** at the first **ASC Doctoral Forum**, as well as serving as a **session moderator/chair and track chair** for a number of conferences.

I **worked with universities overseas** to establish MOUs to **foster international collaborations** and hosted visiting international faculty. I served as a **mentor for two assistant professors** in our program **and am currently serving as a mentor for another assistant professor** in another institution. To support the students, I **served as a judge** for numerous undergraduate, graduate, and MURALS (Multicultural Undergraduate Research Art and Leadership) research symposiums at CSU. I also served as a **judge** in the "Construction Challenge", a competition between the teams formed by **high school students**. I served as a Board Member for "Three Birds", a **non-profit organization** with the mission to **improve education, energy use, and the environment through renewable energy initiatives at public schools** in low-income communities.

On the **DEI** front, I currently serve as the **chair** of our **Department DEI Committee** as well as a **member** of our **College DEIJ Committee**. I also serve as the **inaugural secretary** of the American Society of Civil Engineers (ASCE) **Committee on Creating and Fostering Inclusive Academic Communities**. I also served as a member of the ASCE Transportation and Development Institute's **DEI Task Committee**.

I have not been just a member of committees but assumed leadership positions in many cases. As a result of all of these, I received our **College's Superior Faculty Service Award** and our **College's Faculty Excellence in DEI Award**, **both of which** recognize my service efforts both within and outside of CSU.

COMMITTEES

University Committee:

1. Monfort Professor Selection Committee, 2021
2. Oliver P. Pennock Distinguished Service Award Selection Committee, 2020
3. Faculty Council Committee on Libraries, 2017-2020
4. University Program Review Committee for the Civil and Environmental Engineering Department, 2015-2016

College Committee:

1. College of Health and Human Sciences Tenure and Promotion Committee, 2023-present
2. College of Health and Human Sciences Diversity, Equity, Inclusion, and Justice Committee, 2021-present
3. College of Health and Human Sciences Assistant Dean for Diversity, Equity, and Inclusion Search Committee, Chair, 2020
4. College of Health and Human Sciences Assistant Dean for Community Engagement Search Committee, Chair, 2020
5. College of Health and Human Sciences Tenure and Promotion Committee, 2016-2018
6. College of Health and Human Sciences Graduate Coordinators Committee, 2010-2018
7. College of Health and Human Sciences Information Technology Faculty Advisory Committee, 2009-2016

Department Committee:

1. Department of Construction Management Tenure Track Faculty Search Committee, **Chair**, 2024
2. Department of Construction Management Tenure and Promotion Committee, **Chair**, 2022-present
3. Department of Construction Management Review and Promotion Committee, **Chair**, 2022-2023
4. Department of Construction Management Diversity, Equity, and Inclusion Committee, **Chair**, 2021-present
5. Department of Construction Management Heavy Civil Endowed Professorship Selection Committee, 2022
6. Department of Construction Management Curriculum Committee, 2021-2022
7. Department of Construction Management Taskforce for the BS in CEM degree, 2021-2022
8. Department of Design and Merchandising Tenure Track Faculty Search Committee, 2021-2022
9. Department of Construction Management Tenure and Promotion Committee, 2014-2018 (**Chair** 2016-2018)
10. Department of Construction Management Graduate Education Committee, 2008-2018 (**Chair** 2009-2018)
11. Department of Construction Management Professional Advisory Development Board Research and Outreach Committee, **Co-Chair**, 2009-2014
12. Department of Construction Management Curriculum Committee, 2008-2012

13. Department of Construction Management Communications Committee, 2009-2014
14. Department of Construction Management Appeals Committee, 2008-2009
15. Department of Construction Management Faculty Search Committee, 2015-2016
16. Department of Construction Management Faculty Search Committee, 2014-2015
17. Department of Construction Management Faculty Search Committee, 2009-2010
18. Department of Construction Management Operation Advisory Task Force, 2017-2018
19. Department of Construction Management University Program Review Task Force , 2015-2016
20. Department of Construction Management BIM Curriculum Development Task Force, 2010-2011
21. Department of Construction Management Web Site Development Task Force, 2009-2010

PROFESSIONAL AFFILIATIONS AND ACTIVITIES

Office in Professional Societies:

1. **Inaugural Secretary** (2024-Present), American Society of Civil Engineers (ASCE) Committee on Creating and Fostering Inclusive Academic Communities.
2. **Appointed Officer** (2024-Present), the Associated Schools of Construction (ASC) National Board
3. **Academic & Construction Research Council Liaison** (2024-Present), American Society of Civil Engineers (ASCE) Construction Institute Board of Governors.
4. **Publications Subcommittee Chair** (2018-Present) and **Committee Member** (2009-present), American Society of Civil Engineers (ASCE) Construction Institute, Management Practices in Construction Committee.
5. **Sub-committee Chair** (2013-2018) and **Committee Member** (2010-present), American Society of Civil Engineers (ASCE) Transportation and Development Institute, Infrastructure Systems Committee.
6. **Lead** for the “DEI Strategies for ICTD21 Group” (2020-2021) and **Committee Member** (2020-2021), American Society of Civil Engineers (ASCE) Transportation and Development Institute **Diversity, Equity and Inclusion Task Committee**.
7. **Committee Member** (2021), American Society of Civil Engineers (ASCE) Institutes’ Task Committee on Future World Vision
8. **Committee Member** (2021-2023), American Society of Civil Engineers (ASCE) Task Force on Creating and Fostering Inclusive Academic Communities.
9. **Committee Research Chair** (2016-2018) and **Committee Member** (2013-2021), Transportation Research Board (TRB) AHD 10- Maintenance and Operations Management Committee.

Editorial Boards:

1. **Editor-in-Chief** for the Associated Schools of Construction (ASC) International Journal of Construction Education and Research, 2024-present

2. **Managing Editor** for the Associated Schools of Construction (ASC) International Journal of Construction Education and Research, 2021-2023 (Responsible for handling all of the papers submitted to this Journal)
3. **Specialty Editor for Contracting and Project Delivery Systems** for the American Society of Civil Engineers (ASCE) Journal of Construction Engineering and Management, 2021-present
4. **Associate Editor** (on the **Inaugural Editorial Board**) for the Transportation Research Board (TRB) Transportation Research Record journal, 2019-Present
5. **Associate Editor** for the Associated Schools of Construction (ASC) International Journal of Construction Education and Research, 2018-2020
6. **Assistant Specialty Editor for Contracting and Project Delivery Systems** for the American Society of Civil Engineers (ASCE) Journal of Construction Engineering and Management, 2010-2021

Grant Review Panels:

1. Grant reviewer for the **National Science Foundation (NSF)** Civil Infrastructure Systems Program panel
2. Reviewer for the **National Science Foundation (NSF)** Graduate Research Fellowship Program panel

Grant Refereeing:

1. Referee for the **National Science Foundation (NSF)** E-review
2. Referee for the **US Department of Transportation (USDOT)**, Center for Transportation Equity, Decisions & Dollars (CTEDD) University Transportation Center
3. Referee for the **US Department of Transportation (USDOT)**, Transportation Infrastructure Precast Innovation Center (TRANS-IPIC) University Transportation Center

Manuscript Refereeing:

1. Reviewer for ASCE Journal of Construction Engineering and Management
2. Reviewer for ASC International Journal of Construction Education and Research
3. Reviewer for ASCE Journal of Management in Engineering
4. Reviewer for ASCE Practice Periodical on Structural Design and Construction
5. Reviewer for ASCE Journal of Legal Affairs and Dispute Resolution in Engineering and Construction
6. Reviewer for Journal of Construction Management and Economics
7. Reviewer for Transportation Research Board's Transportation Research Record Journal
8. Reviewer for the Infrastructures Journal
9. Reviewer for European Journal of Transport and Infrastructure Research
10. Reviewer for ASCE Journal of Infrastructure Systems
11. Reviewer for Journal of Traffic and Transportation Engineering
12. Reviewer for the Sustainability Journal

13. Reviewer for International Journal of Sustainable Transportation
14. Reviewer for Structure and Infrastructure Engineering
15. Reviewer for Journal of Advanced Transportation
16. Reviewer for Built Environment Project and Asset Management Journal
17. Reviewer for Smart and Sustainable Built Environment
18. Reviewer for the Buildings Journal
19. Reviewer for the Intelligent Buildings International
20. Reviewer for Transportation Research Part A: Policy and Practice
21. Reviewer for Transportation Research Part D: Transport and Environment
22. Reviewer for Transportation Letters: The International Journal of Transportation Research
23. Reviewer for International Journal of Sustainability in Higher Education
24. Reviewer for Automation in Construction
25. Reviewer for ASCE Journal of Computing in Civil Engineering
26. Reviewer for the Canadian Journal of Civil Engineering
27. Reviewer for Engineering Structures and Technologies
28. Reviewer for the Open Engineering Journal
29. Reviewer for the Journal of the Operational Research Society
30. Reviewer for the International Transactions in Operational Research
31. Reviewer for Advances in Structural Engineering
32. Reviewer for Policing: an International Journal of Police Strategies & Management
33. Reviewer for ASC Annual Conference Proceedings
34. Reviewer for Transportation Research Board's Annual Conference Proceedings
35. Reviewer for 2024 Latin America Structural Engineering and Construction Conference
36. Reviewer for the 2023 ASCE International Conference on Transportation and Development
37. Reviewer for the 2021 ASCE International Conference on Transportation and Development
38. Reviewer for the 2020 ASCE Construction Institute Legal Affairs and Dispute Resolution Workshop
39. Reviewer for the 2019 ASCE International Conference on Transportation and Development
40. Reviewer for the Seventh (2022) International Project and Construction Management Conference

41. Reviewer for the Fifth (2020) Australasia and South-East Asia Structural Engineering and Construction Conference
42. Reviewer for the Tenth (2019) International Structural Engineering and Construction Conference
43. Reviewer for the Second (2018) European and Mediterranean Structural Engineering and Construction Conference
44. Reviewer for the Ninth (2017) International Structural Engineering and Construction Conference
45. Reviewer for the 2016 Construction Research Congress Proceedings
46. Reviewer for the 2014 Construction Research Congress Proceedings
47. Reviewer for the 2nd International Conference on Transportation Construction Management Proceedings
48. Reviewer for CII 2011 Annual Conference Poster Session

Membership in Professional Societies:

1. Associated Schools of Construction
2. Associate Member, American Society of Civil Engineers (ASCE), Construction Institute
3. Construction Research Council
4. Construction Management Association of America
5. Sigma Lambda Chi, International Construction Honor Society
6. Chi Epsilon, the National Civil Engineering Honor Society

OTHER ACTIVITIES/ACCOMPLISHMENTS – SERVICE/OUTREACH

2021- Present: I have been serving as a member of the American Society of Civil Engineers (ASCE) Task Force (and then the Committee) on Creating and Fostering Inclusive Academic Communities. The goal of this Task Force/Committee is to develop foundational steps and roadmap of enhancing/promoting positive and inclusive culture within our academic community. I specifically **led the Advocacy Program** charged with **identifying and recruiting** senior faculty as advocates to support the mission of this **task force. When the task force was converted to a committee, I became the inaugural secretary.**

2021- Present: I have been serving as **a mentor for a CSU alumna (who was my PhD advisee)** who has joined the University of Wisconsin-Stout and then Purdue University as a **tenure-track assistant professor** after graduating from CSU. I have met with her any time **she needed guidance regarding the various aspects of a tenure track position.**

2016- Present: I have served as an **external reviewer for tenure and promotion cases** from other institutions.

2024: I served as a panelist at the first/inaugural ASC Doctoral Forum.

2023-2024: I served as a **member of the Conference Technical and Scientific Committee** for Latin America Structural Engineering and Construction Conference.

2023: I served as the **keynote session moderator** at the 2023 CHHS Research Day for the keynote address entitled “Envision the Future”.

2023: I **organized** and served as the **moderator** at the 2023 ASCE Construction Institute Summit for the session entitled “**DEI Issues on Engineering and Construction Curricula and Decision-Making**”.

2022-2023: I served as a **member of the Conference International Technical Committee** for the Twelfth International Structural Engineering and Construction Conference.

2018- 2023: I have served as a **mentor for an assistant professor in our program**. I met with her regularly to answer her questions and discuss topics revolving around grant funding, graduate research assistant utilization, publishing, and teaching.

2021: I have been engaged with Trimble for the preparation of my NSF proposal as well as having a full day visit to their offices in Colorado to learn more about their software and hardware.

2021: I served as a **session moderator** for Colorado State University’s **Multicultural Undergraduate Research Art and Leadership Symposium (MURALS)**.

2021: I served as a **judge** for the Poster Session at the 2nd CSU CHHS Research Day.

2021: I served as a **peer teaching reviewer** and provided peer teaching evaluation to a non-tenure track faculty in our department.

2020: I served as a **peer teaching reviewer** and provided peer teaching evaluation to a tenured faculty in our department.

2020: I served as a **judge** for the Poster Session at the 1st CSU CHHS Research Day.

2019: I served as a **judge** for the Graduate Student Poster Session at the Associated Schools of Construction 55th Annual International Conference.

2019: I served as a **session moderator** at the 2019 ASCE Construction Institute Summit.

2018-2019: I served as a **member of the Conference International Technical Committee** for the Tenth International Structural Engineering and Construction Conference.

2018: I served as a **judge** for Colorado State University’s **Multicultural Undergraduate Research Art and Leadership Symposium (MURALS)**.

2017-2018: I served as a **member of the Conference International Technical Committee** for the Second European and Mediterranean Structural Engineering and Construction Conference.

2010-2014, 2017-2018: I served as a **judge** for Colorado State University’s Undergraduate Research and Creativity Showcase.

2017: I served as a **peer teaching reviewer** and provided peer teaching evaluation to a tenure-track faculty in our department.

2015-2017: I served as a **judge** for the Colorado State University Graduate Student Symposium.

2016: I served as a **session chair** at the First European and Mediterranean Structural Engineering and Construction Conference.

2016: I was **instrumental in establishing Memorandums of Understanding (MOUs)** between CSU and two international institutions, Yildiz Technical University, Turkey; and Kocaeli University, Turkey, to **promote collaboration between the institutions**.

2014-2015: I served as a **mentor for an assistant professor in our department**. I met with him regularly to answer his questions and discuss topics revolving around grant funding, graduate research assistant utilization, publishing, annual performance review, and mid-tenure review process.

2011-2015: I served as a Board Member for Three Birds, a **non-profit organization** with the mission to **improve education, energy use, and the environment through renewable energy initiatives at public schools** in low-income communities.

2014: I served as a **session moderator** at the Associated Schools of Construction 50th Annual International Conference.

2014: I served as a **judge** for the Graduate Student Poster Session at the Associated Schools of Construction 50th Annual International Conference.

2014: I served as the **presiding officer** for one of the sessions at the 2014 TRB 93rd Annual Conference.

2013-2014: I served as the **track chair for the Infrastructure Management and Disaster Response Track** at the Construction Research Congress.

2012: I was **instrumental in establishing the Memorandum of Understanding (MOU)** between CSU and the University of Pernambuco, Brazil to **promote collaboration between the institutions**.

2011: I served as **the symposium co-chair** for the 2nd CSU CM Industry and Academia Research Symposium.

2010: I served as **the symposium co-chair** for the 1st CSU CM Industry and Academia Research Symposium.

2009: I served as a **judge** in the “Construction Challenge”, a competition between the teams formed by high school students. This national competition is aimed at providing a real-world experience to inspire youth to explore and pursue careers in the construction industry.

2009: I served as an **appraiser** for the Associated General Contractors (AGC) of Colorado Awards for Construction Excellence (ACE). ACE Awards is an annual recognition program that recognizes AGC members for their projects based on many facets of construction – dynamic design, quality, skill, strength and performance.