CURRICULUM VITAE – SAREL LAVY

Address: Roy F. Mitte Bldg., Room 2240H
Department of Engineering Technology
College of Science and Engineering
Texas State University
San Marcos, TX 78666

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ACADEMIC DEGREES

2006 Doctor of Philosophy Degree in Civil and Environmental Engineering (Construction Management), Technion – Israel Institute of Technology, Haifa, Israel.
Thesis: "Integrated facility management and its implementation to hospitals in Israel". Academic supervisor: Dr. Igal M. Shohet.

2001 Master of Science Degree in Civil Engineering (Construction Management) – Cum Laude, Technion – I.I.T., Haifa, Israel.
Thesis: "Integrated maintenance management of system rich buildings: A detailed look at hospital buildings". Academic supervisor: Dr. Igal M. Shohet.

1999 Bachelor of Science Degree in Civil Engineering – Cum Laude, Technion – I.I.T., Haifa, Israel.
Specialization in: Structural engineering and Geotechnical engineering.

ACADEMIC APPOINTMENTS

2026-present Professor, Department of Engineering Technology, College of Science and Engineering, Texas State University.

2022-present Visiting Professor, Honorary Appointment, Woxsen University, Hyderabad, India.

2018-2026 Professor, Department of Construction Science, College of Architecture, Texas A&M University.

2019-2021 Visiting Professor, Honorary Appointment, Liverpool John Moores University, Liverpool, United Kingdom.

2017-2019 Visiting Research Fellow, Honorary Appointment, Liverpool John Moores University, Liverpool, United Kingdom.

2008-2026 Full Graduate Faculty, Texas A&M University.

2006-2026 Fellow, CRS Center for Leadership and Management in the Design and Construction Industry, Texas A&M University.

2005-2026	Fellow, Center for Health Systems and Design (CHSD), Texas A&M University.
2010-2013	Fellow, Center for Heritage Conservation (CHC), Texas A&M University.
2011-2018	Associate Professor, Department of Construction Science, College of Architecture, Texas A&M University.
2005-2011	Assistant Professor, Department of Construction Science, College of Architecture, Texas A&M University.
2006-2008	Associate Graduate Faculty, Texas A&M University.
1999-2005	Teaching Assistant, Department of Structural Engineering and Construction Management, Civil and Environmental Engineering, Technion – I.I.T.

ADMINISTRATIVE APPOINTMENTS

2015-2018	Associate Department Head, Department of Construction Science, Texas A&M University
2011-2015	Graduate Program Coordinator, Department of Construction Science, Texas A&M University.
2006-2015	Associate Director of the CRS Center for Leadership and Management in the Design and Construction Industry, College of Architecture, Texas A&M University.

AWARDS/HONORS RECEIVED (13 received)

2020, Research and Scholarly Activity Award, Department of Construction Science, Texas A&M University.

Awarded based on the "research and scholarly activity performance for the previous year." Amount awarded: $4,500.

2016-2019, The James C. Smith Construction Industry Advisory Council (CIAC) Professorship in Construction Science.

2019, Research and Scholarly Activity Award, Department of Construction Science, Texas A&M University.

Awarded based on the "research and scholarly activity performance for the previous year." Amount awarded: $500.

2018, Research and Scholarly Activity Award, Department of Construction Science, Texas A&M University.

Awarded based on the "research and scholarly activity performance for the previous year." Amount awarded: $1,500.

2017, Construction Management Track, Best Paper Award for the paper "The future of facility management in the face of rapidly changing technology", Lavy, S., Singh, N., Choi, K.C., and Justin, A., the 2017 International Conference on Maintenance and Rehabilitation of Constructed Infrastructure Facilities (MAIREINFRA), Seoul, South Korea, July 19-21, 2017.

2017, Research and Scholarly Activity Award, Department of Construction Science, Texas A&M University.

Awarded based on the "research and scholarly activity performance for the previous year." Amount awarded: $2,442.

2016, Research and Scholarly Activity Award, Department of Construction Science, Texas A&M University.

Awarded based on the "research and scholarly activity performance for the previous year." Amount awarded: $3,305.

2015, Research Excellence Award, Department of Construction Science, Texas A&M University.

"The award is given to a faculty member who has demonstrated excellence in scholarship and research."

2014, Research Excellence Award, Department of Construction Science, Texas A&M University.

2012, Facilities Management Theme, Best Paper Award for the paper "Recurrent embodied energy of built facilities and its relationship with service life: A review paper", Dixit, M. K., Culp, C. H., Lavy, S., and Fernandez-Solis, J., the Joint CIB W070, W092 & TG72 International Conference on Facilities Management, Procurement Systems and Public Private Partnership, Cape Town, South Africa, January 23-25, 2012.

2010-2012, The Harold L. Adams '61 Endowed Interdisciplinary Professorship in Construction Science.

2010, Emerald Literati Network, Highly Commended Award Winner for Excellence 2010 for the paper "Facilities maintenance management practices in large public schools, Texas", Lavy, S. and Bilbo, D. L., *Facilities*, 27(1/2), 5-20.

"The award winning papers are chosen following consultation amongst the journal's Editorial Team, many of whom are eminent academics or managers. Your paper has been selected as it was one of the most impressive pieces of work the team has seen throughout 2009." – cited from the award announcement."

2010, Emerald Group Publishing Ltd., Best Paper Award Sponsored by Facilities and W070 Facilities Management and Maintenance for the paper "Facility managers' preferred interior wall finishes in acute-care hospital buildings", Lavy, S. and Dixit, M. K., CIB World Congress, Salford, United Kingdom, May 11-13, 2010.

TEACHING

The following is a list of qualified fields to teach, and areas of special interests:

- Facility and Asset Management;
- Construction Economics;
- Introduction to Construction Management;
- Introduction to Facility Management;
- Research Theory and Methods;
- Structural Design and Analysis.

Teaching and academic experience

College of Science and Engineering, Texas State University, San Marcos, TX

Academic year 2026-2027 (Current)

CSM 1260, *Introduction to Construction Management*, Undergraduate course, 3 cr. hrs., Fall semester

CSM 2342, *Materials and Methods*, Undergraduate course, 3 cr. hrs., Fall semester

College of Architecture, Texas A&M University, College Station, TX

Academic year 2025-2026

COSC 222, *Social Issues in the History of the Construction Environment*, Undergraduate course, 3 cr. hrs., Fall and Spring semester

COSC 322, *Construction Discourse Leadership*, Undergraduate course, 3 cr. hrs., Fall and Spring semester

COSC 442, *Commercial Capstone*, Undergraduate course, 3 cr. hrs., Spring semester

COSC 622, *Construction Economics*, Graduate course, 3 cr. hrs., Fall semester

Academic year 2024-2025

COSC 421, *Soil and Structural Analysis*, Undergraduate course, 3 cr. hrs., Spring semester

COSC 622, Fall semester

COSC 670, *Facility Asset Management*, Graduate course, 3 cr. hrs., Spring semester

Academic year 2023-2024

COSC 474, *Facility Management Internship*, Undergraduate course, 3 cr. hrs., Fall semester

COSC 622, Fall semester

COSC 670, Spring semester

Academic year 2022-2023

COSC 450, *Facility Management Principles and Practices*, Undergraduate course, 3 cr. hrs., Fall and Spring semesters

COSC 474, Fall, Spring, and Summer semesters

COSC 622, Fall semester

COSC 670, Spring semester

Academic year 2021-2022

COSC 450, Fall and Spring semesters

COSC 474, Fall, Spring, and Summer semesters

COSC 622, Fall semester

COSC 670, Spring semester

Academic year 2020-2021

CARC 311, *Field Studies in Design Communication*, Undergraduate course, 3 cr. hrs., Summer semester

CARC 331, *Field Studies Design Philosophy/United Kingdom*, Undergraduate course, 3 cr. hrs., Summer semester

COSC 450, Fall and Spring semesters

COSC 474, Fall, Spring, and Summer semesters

COSC 622, Fall semester

COSC 670, Spring semester

Academic year 2019-2020

COSC 450, Fall and Spring semesters

COSC 474, Fall, Spring, and Summer semesters

COSC 622, Fall semester

COSC 670, Spring semester

Academic year 2018-2019

COSC 450, Spring and Summer semesters

COSC 474, Fall, Spring, and Summer semesters

COSC 489, *Special Topics in Facilities Management and Culture in the United Kingdom*, Undergraduate course, 3 cr. hrs., Summer semester

COSC 670, Spring semester

Academic year 2017-2018

COSC 333, *Project Management for Facility Managers*, Undergraduate course, 3 cr. hrs., Fall semester

COSC 450, Fall and Spring semesters

COSC 474, Fall, Spring, and Summer semesters

COSC 670, Spring semester

Academic year 2016-2017

COSC 450, Fall and Spring semesters

COSC 474, Spring and Summer semesters

COSC 622, Fall semester

COSC 670, Spring semester

Academic year 2015-2016

COSC 450, Spring semester

COSC 474, Summer semester

COSC 622, Fall semester

COSC 670, Spring semester

COSC 681, *Seminar*, Graduate course, 1 cr. hr, Fall semester

Academic year 2014-2015

COSC 450, Spring semester

COSC 602, *Construction Cost Estimating*, Graduate course, 3 cr. hrs, Fall semester

COSC 622, Fall semester

COSC 670, Spring semester

COSC 681, Fall semester

Academic year 2013-2014

COSC 450, Spring semester

COSC 489, *Special Topics: CII Best Practices*, Undergraduate course, 3 cr. hrs, Fall semester

COSC 622, Fall semester

COSC 670, Spring semester

COSC 681, Fall semester

Academic year 2012-2013

COSC 275, *Cost Estimating I*, Undergraduate course, 3 cr. hrs, Spring semester

COSC 670, *Facilities Management*, Spring semester

COSC 489, *Special Topics: CII Best Practices*, Fall semester

COSC 681, Fall semester

Academic year 2011-2012

COSC 450, Spring semester

COSC 670, Spring semester

COSC 681, Fall semester

Academic year 2010-2011

COSC 489, *Special Topics in Facility Management*, Undergraduate course, 3 cr. hrs, Spring semester

COSC 489, Fall semester

COSC 670, Fall semester

Academic year 2009-2010

COSC 602, *Construction Estimating*, Graduate course, 3 cr. hrs, Summer semester

COSC 153, *Introduction to the Construction Industry*, Undergraduate course, 3 cr. hrs, Spring semester

COSC 489, *Special Topics in Facility Management*, Undergraduate course, 3 cr. hrs, Spring semester

COSC 670, Fall semester

Academic year 2008-2009

COSC 275, Spring semester

COSC 670, Fall semester

Academic year 2007-2008

COSC 275, Summer semester

COSC 446, *Specialty Capstone*, Undergraduate course, 3 cr. hrs, Spring semester

COSC 670, Spring semester

COSC 602, Fall semester

Academic year 2006-2007

COSC 275, Summer semester

COSC 275, Spring semester

COSC 670, Spring semester

COSC 275, Fall semester

COSC 670, Fall semester

Academic year 2005-2006

COSC 275, Summer semester

COSC 275, Spring semester

Faculty of Civil and Environmental Engineering, Technion – I.I.T., Haifa, Israel

014606 *Introduction to Construction Management*, Undergraduate course, 3 cr. hrs, (1999-2005)

014614 *Planning and Control of Construction Projects*, Undergraduate course, 2.5 cr. hrs, (2002-2005)

016604 *Quality and Value-Management in Construction*, Graduate course, 2 cr. hrs, (2002)

Professional experience

1998-1999 Assistant designer in "Yinon Ltd." – Roads and traffic design office

GRADUATE STUDENT ADVISING

Master committees, Chair/Co-Chair (40 completed)

Song, T. (2018) (Thesis) "Facilities management knowledge mapping from text documents: A case study for using NLP for facilities management knowledge mapping", Master of Science in Construction Management, TAMU, August 2018, Chair.

Daneshpour, E. (2018) (Thesis) "Value generation in higher education space management through user-centric data analytics", Master of Science in Construction Management, TAMU, May 2018, Chair.

Abdagiri, P. V. (2017) (Thesis) "Relationship between embodied energy and cost of building materials: A case study", Master of Science in Construction Management, TAMU, December 2017, Co-Chair.

Dharela, A. D. S. (2017) (Thesis) "A study of technology innovations and applications in transforming safety and security in healthcare facility management", Master of Science in Construction Management, TAMU, December 2017, Chair.

Singh, N. (2017) (Thesis) "Communication network analysis to compare BIM and non-BIM approach in the AEC industry", Master of Science in Construction Management, TAMU, May 2017, Co-Chair.

Hasler, M. (2016) (Thesis) "Critical success factors affecting successful completion of 'institutional' projects: A case study approach", Master of Science in Construction Management, TAMU, August 2016, Chair.

Shahverdi, S. (2016) (Professional Paper) "Key performance indicators for facility performance assessment: Measuring core indicators using Building Information Modeling", Master of Science in Construction Management, TAMU, August 2016, Chair.

Justin, A. (2016) (Professional Paper) "A study of the potential impact of BIM and other disruptive technologies on facility management", Master of Science in Construction Management, TAMU, May 2016, Chair.

Ma, Q. (2016) (Professional Paper) "Investigating the difference between LEED v2.1 and non-LEED hospitals in energy consumption: A case study approach", Master of Science in Construction Management, TAMU, May 2016, Chair.

Sullivan, D. A. (2016) (Professional Paper) "Importance of preventive maintenance for multi-family housing units: Correlation between owner's profitability and resident

satisfaction", Master of Science in Construction Management, TAMU, May 2016, Chair.

Aliabbar, S. (2015) (Professional Paper) "The perception of value of physical learning environment change among end users", Master of Science in Construction Management, TAMU, December 2015, Chair.

Gohmert, B. C. (2015) (Professional Paper) "Eliminating the risk of exceeding completion dates through incorporating submittals and material lead times into construction schedules", Master of Science in Construction Management, TAMU, December 2015, Chair.

Nixon, J. L. (2015) (Thesis) "Do replacement public schools deliver on promises after construction?", Master of Science in Construction Management, TAMU, August 2015, Chair.

Saxena, N. (2015) (Professional Paper) "Work order processing times – does BIM make a difference?", Master of Science in Construction Management, TAMU, August 2015, Chair.

Hernandez, F. M. (2015) (Professional Paper) "The link between facility managers and the performance of their facilities: A case study comparing two school districts in Texas", Master of Science in Construction Management, TAMU, May 2015, Co-Chair.

Lalwani, V. G. (2014) (Professional Paper) "A study of literature related to facilities management and sustainability in institutional buildings to identify gaps in knowledge", Master of Science in Construction Management, TAMU, August 2014, Chair.

Jodhani, J. (2014) (Professional Paper) "Study of various parameters affecting decision making to provide aid in maintenance management", Master of Science in Construction Management, TAMU, May 2014, Chair.

Minchew, M. (2014) (Professional Paper) "Case study on a lighting retrofit implementation for life-cycle cost savings in a hospital", Master of Science in Construction Management, TAMU, May 2014, Chair.

Ellis, E. D. (2013) (Thesis) "Preserving a heritage: Creating a more beneficial historic structure report, for contractors and a university", Master of Science in Construction Management, TAMU, December 2013, Co-Chair.

O'Dair, K. H. (2013) (Professional Paper) "A relationship analysis of project delivery methods and LEED certification process in Texas historic project", Master of Science in Construction Management, TAMU, August 2013, Co-Chair.

Freeman, J. A. (2013) (Thesis) "Building retrofits: Energy conservation and employee retention considerations in medium-size commercial buildings", Master of Science in Construction Management, TAMU, May 2013, Chair.

Gragera, C. E. (2013) (Professional Paper) "Comparative study of enrollment retention and graduation patters between Hispanic students and White students in the Construction Science department at Texas A&M University, 2008-2012", Master of Science in Construction Management, TAMU, May 2013, Co-Chair.

Daniels, P. R. (2012) (Thesis) "Pilot study for quantifying LEED energy & atmosphere operational savings in healthcare facilities", Master of Science in Construction Management, TAMU, August 2012, Chair.

Jawadekar, S. P. (2012) (Thesis) "A case study of the use of BIM and construction operations building information exchange (COBie) for facility management", Master of Science in Construction Management, TAMU, August 2012, Chair.

Stempler, D. N. (2012) (Professional Paper) "Strategies for optimizing energy management in healthcare facilities in the United States", Master of Science in Construction Management, TAMU, May 2012, Chair.

Kiss, C. W. (2011) (Thesis) "Simulations of design modifications in military health facilities", Master of Science in Construction Management, TAMU, May 2011, Chair.

Mukherji, P. T. (2010) (Thesis) "Study of possible applications of currently available building information modeling tools for the analysis of initial costs and energy costs for performing life cycle cost analysis", Master of Science in Construction Management, TAMU, December 2010, Co-Chair.

Jawali, R. H. (2009) (Professional Paper) "Literature review and prototype development of BSEI (Building Sustainability Evaluation Index) for the construction industry", Master of Science in Construction Management, TAMU, August 2009, Co-Chair.

Groom, A. C. (2009) (Professional Paper) "Investigation of the factors that affect the decision to repair or replace windows in Historic structures on LEED certified construction projects", Master of Science in Construction Management, TAMU, May 2009, Co-Chair.

Luthra, S. (2009) (Professional Paper) "Identification and analysis of LEED certification points that have not been pursued in most projects", Master of Science in Construction Management, TAMU, May 2009, Co-Chair.

Nim, B. (2009) (Professional Paper) "A framework for accounting direct and indirect energies on glazing as a building material", Master of Science in Construction Management, TAMU, May 2009, Co-Chair.

Aggarwal, C. (2008) (Professional Paper) "Diversity initiatives taken by US construction companies to deal with the problem of increasing number of fatalities of Hispanic workers", Master of Science in Construction Management, TAMU, December 2008, Co-Chair.

Barman, J. (2008) (Professional Paper) "Facility managers' preferences for wall finish in acute-care hospital buildings in the state of Texas", Master of Science in Construction Management, TAMU, December 2008, Chair.

Bhattacharjee, S. S. (2008) (Thesis) "Investigation of contemporary problems and practices in post-hurricane reconstruction in the commercial sector of the southeast region of the United States", Master of Science in Construction Management, TAMU, December 2008, Co-Chair.

Kader, S. (2008) (Thesis) "Development of design strategies to support evacuation process of hospital buildings in the United States", Master of Science in Construction Management, TAMU, December 2008, Co-Chair.

Trivedi, P. S. (2008) (Professional Paper) "LEED-NC credit point adoption trends and perceptions of LEED Accredited Professionals", Master of Science in Construction Management, TAMU, December 2008, Co-Chair.

Warty, H. V. (2008) (Professional Paper) "Comparison of flooring materials for healthcare facilities", Master of Science in Construction Management, TAMU, December 2008, Chair.

Dabade, K. (2008) (Professional Paper) "Evaluation of design terror mitigation based on risk factors for facility managers in public accessed buildings", Master of Science in Construction Management, TAMU, August 2008, Co-Chair.

Jhaveri, V. M. (2008) (Professional Paper) "Evaluation of facility maintenance management practices in large public schools of Texas", Master of Science in Construction Management, TAMU, May 2008, Co-Chair.

Vail, T. R. (2006) (Professional Paper) "The status of terror mitigation and effects on costs for newly constructed high risk public schools", Master of Science in Construction Management, TAMU, December 2006, Co-Chair.

PhD committees, Chair/Co-Chair (0 current)

PhD committees, Member/External Reviewer (14 completed/1 current)

Li, Y. (2026) "Ventilation Facilities Management for Older People in Care and Attention Homes", Doctor of Philosophy, City University of Hong Kong Polytechnic, Hong Kong, Anticipated graduation in 2026.

Wanlin, C. (2026) "Development of a Homeowner Decision-Making Framework for Ageing Residential Building Renovation", Doctor of Philosophy, The Hong Kong Polytechnic University, Hong Kong, June 2026.

Waters, B. L. (2025) "Stakeholder Perceptions of Architectural Services and Professional Attributes", Doctor of Philosophy, Texas A&M University, December 2025.

Peiris, M. P. S. N. (2025) "Establishment of a Decision-Support System for Smart Retrofitting for Office Buildings", Doctor of Philosophy, The Hong Kong Polytechnic University, Hong Kong, December 2025.

Yonat, N. (2025) "Theory of Faults (ToF): Numerical Quality Management in Complex Systems", Doctor of Philosophy, Ben-Gurion University of the Negev, Israel, June 2025.

Zhao, X. (2024) "Development of simplified building energy simulation models for atrium buildings to be used for urban-scale building energy models (UBEM)", Doctor of Philosophy, TAMU, December 2024.

Kulkarni, K. N. (2024) "A Fuzzy Approach for Supportive Carrying Capacity of Air Pollution Load in a Region", Doctor of Philosophy, Savitribai Phule Pune University, Maharashtra, India, December 2024.

Schmitter, P. C. (2024) "Digital transformation of facility management: A mixed methods study to develop a conceptual model to derive critical success factors for facility management in hospitals", Doctor of Philosophy, Liverpool John Moores University, United Kingdom, May 2024.

Pomè, A. P. (2023) "In-use offices and ecological footprint: A calculation model to measure the effects of human occupation and behaviours on environmental sustainability", Doctor of Philosophy, Politecnico di Milano, Italy, December 2023.

Miller, M. R. (2023) "A collective self-governance framework for urban facilities management settings: Application at public transport interchanges in economically depressed areas in Cape Town", Doctor of Philosophy, University of Cape Town, South Africa, November 2023.

Kasuba, K. C. (2022) "Rural agriculture infrastructure in the Copperbelt province of Zambia: Community-based facility management practice and the impact on socio-economic livelihoods", Doctor of Philosophy, University of Cape Town, South Africa, July 2022.

Ying, H. M. (2022) "Development of an analytic method for assessing the performance of retrofits for commercial buildings", Doctor of Philosophy, The Hong Kong Polytechnic University, Hong Kong, February 2022.

Unekwu, J. A. (2019) "A study of the impact of technological innovations on the social sustainability of facilities management employees in South Africa", Doctor of Philosophy, University of Cape Town, South Africa, May 2019.

Gheisari, M. (2013) "An ambient intelligent environment for accessing building information in facility management operations; A healthcare facility scenario", Doctor of Philosophy, Georgia Institute of Technology, December 2013.

Son, K. P. (2011) "Regression model predicting appraised unit value of land in San Francisco County from number of and distance to public transit stops using GIS", Doctor of Philosophy, Texas A&M University, December 2011.

Master committees, Member (65 completed)

Whitten, J. (2023) (Non-Thesis) Student portfolio, Master of Science in Land Development, TAMU, December 2023.

Poudel, A. (2021) (Thesis) "Risk-based multi-objective cross-asset budget planning and allocation framework for the integrated asset management system (IAMS) using a case study of the City of Sugar Land, TX", Master of Science in Civil Engineering, TAMU, May 2021.

Ellefson, S. M. (2020) (Thesis) "Analysis of infrastructure corrosion using real property portfolio condition assessment data", Master of Science in Construction Management, TAMU, December 2020.

Kunje, T. C. (2020) (Non-Thesis) Student portfolio, Master of Science in Land Development, TAMU, August 2020.

Pranathi, G. (2018) (Thesis) "Effect of the combination of management theory and the project delivery system on the cost and schedule of a construction project", Master of Science in Construction Management, TAMU, May 2018.

Vaziri, A. (2018) (Thesis) "Does the Last Planner System impact the performance of construction projects in terms of time and cost?", Master of Science in Construction Management, TAMU, May 2018.

Wheeler, D. (2017) (Thesis) "Financial ratios and profitability? Financial strategy for mid-level construction firms: Growth or value strategies?", Master of Science in Construction Management, TAMU, December 2017.

Hernandez Saenz, M. A. (2017) (Thesis) "Evaluation and optimization of functionality and durability of Porous Graded Asphalts (PGA)", Master of Science in Civil Engineering, TAMU, August 2017.

Singh, S. (2017) (Thesis) "Floor finish selection in hospital design: A survey of facility managers", Master of Science in Construction Management, TAMU, August 2017.

Rincon Fonseca, J. L. (2017) (Thesis) "Does stakeholder 'autonomous agent' gaming in the general economy affect last planner system performance?", Master of Science in Construction Management, TAMU, May 2017.

Tupe, H. V. (2017) (Thesis) "Analyzing the mortality rate in the USA construction industry (2004-2014)", Master of Science in Construction Management, TAMU, May 2017.

Arenas Bermudez, J. E. (2016) (Thesis) "Application of small unmanned aerial systems for monitoring cylindrical buildings", Master of Science in Construction Management, TAMU, August 2016.

Aldalbahi, F. A. (2016) (Professional Paper) "Applying smart growth principles to new Ministry of Housing projects in Riyadh City, Saudi Arabia", Master of Urban Planning, TAMU, May 2016.

Farzad, M. R. (2016) (Thesis) "Interior close-range digital photogrammetry for an operational building", Master of Science in Construction Management, TAMU, May 2016.

Gadhok, N. (2016) (Professional Paper) "Comparative analysis of lean and six sigma in construction: Benefits, obstacles and opportunities", Master of Science in Construction Management, TAMU, May 2016.

Sindhu, J. R. N. (2016) (Thesis) "Investigating risks inherent in innovative delivery systems: DB vs IPD", Master of Science in Construction Management, TAMU, May 2016.

Whittington, S. (2016) (Professional Paper) "What are the root causes of wasted time in construction practices?", Master of Science in Construction Management, TAMU, May 2016.

Jahangiri, B. (2015) (Non-Thesis) Student portfolio, Master of Science in Land Development, TAMU, December 2015.

Li, Y. (2015) (Thesis) "Value stream mapping (VSM) in construction and manufacturing industry: Structured literature review and comparative analysis", Master of Science in Construction Management, TAMU, December 2015.

Sadhu, R. (2015) (Professional Paper) "Comparing lean-IPD model underlying the 'Toyota Way' – A case study on production planning during construction of a healthcare facility", Master of Science in Construction Management, TAMU, December 2015.

Ferrer Garcia, E. R. (2014) (Thesis) "Comparison of the perception of facility managers on green roofs attributes and barriers to their implementation", Master of Science in Construction Management, TAMU, August 2014.

Irvin, M. J. (2014) (Professional Paper) "Spirituality in places of worship", Master of Architecture, TAMU, May 2014.

Joshi, M. D. (2014) (Professional Paper) "A literature review of soft-skills relevant to building proctors competencies in higher education buildings", Master of Science in Construction Management, TAMU, May 2014.

Kakumani, R. (2014) (Non-Thesis), Student portfolio, Master of Science in Land Development, TAMU, May 2014.

Han, S. (2013) (Professional Paper) "Creating quadruple net value in Cheonggye stream waterfront park, Seoul, South Korea", Master of Land and Property Development, TAMU, August 2013.

Yang, Y. (2013) (Thesis) "A study of predicted energy savings and sensitivity analysis", Master of Science in Architecture, TAMU, August 2013.

Medina, I. (2013) (Professional Paper) "Sustaining stormwater runoff: A comparative analysis between an open-based and a conventional curb and gutter drainage system", Master of Urban Planning, TAMU, May 2013.

Yum, S. G. (2013) (Thesis) "The use of BIM in construction for decision making: A case of irregular-shaped steel-framed building construction project in South Korea", Master of Science in Construction Management, TAMU, May 2013.

Madhani, H. P. (2012) (Thesis) "Assessing the potential of developing a tool for residential facility management using Building Information Modeling", Master of Science in Architecture, TAMU, December 2012.

Manrique, F. J. G. C. (2012) (Professional Paper) "Quantification of time-cost-change orders among various project delivery choices for transportation projects", Master of Science in Construction Management, TAMU, December 2012.

Cogwin, M. C. (2012) (Professional Paper) "The recession's effect on residential construction and development in Harris County, Texas (2006-2011)", Master of Science in Construction Management, TAMU, August 2012.

Zhuting, M. (2012) (Thesis) "Life-cycle assessment of highway pavement alternatives in aspects of economic, environmental, and social performance", Master of Science in Construction Management, TAMU, August 2012.

Hernandez, R. F. (2012) (Professional Paper) "A comparison analysis of two residential wall systems: traditional stick frame and insulated concrete forms", Master of Science in Construction Management, TAMU, May 2012.

Kim, Y. H. (2012) (Thesis) "Stochastic modeling of future highway maintenance costs for flexible type highway pavement construction projects", Master of Science in Construction Management, TAMU, May 2012.

Kuhlman, S. A. (2012) (Professional Paper) "A comparison of energy consumption between traditional exterior wall framing materials and insulating concrete forms for educational buildings in North Texas", Master of Science in Construction Management, TAMU, May 2012.

Martinez-Barron, L. E. (2012) (Professional Paper) "Designing the health home: Infusing a community with health", Master of Architecture, TAMU, May 2012.

Morgan, B. D. (2012) (Professional Paper) "The comparison of building new vs. remodeling", Master of Science in Land Development, TAMU, May 2012.

Sertasupana, V. (2012) (Professional Paper) "121 Garden Hills: a 240 unit apartment development project, Lewisville TX", Master of Science in Land Development, TAMU, May 2012.

Soto, A. R. (2012) (Professional Paper) "Creating value for developers: creating a competitive market advantage, along with operational and decision making value, by utilizing a skilled management company and facilities managers as consultants, for multi-family real estate development", Master of Science in Land Development, TAMU, May 2012.

Youssefzadeh, R. (2011) (Professional Paper) "Development in Sub-Sahara Africa", Master of Science in Land Development, TAMU, December 2011.

Jang, H. (2011) (Professional Paper) "Sustainable rural development: concepts and evaluation for successful sustainable rural development", Master of Science in Land Development, TAMU, August 2011.

Balabadhrapatruni, A. K. (2011) (Thesis) "Residential use building integrated photovoltaics", Master of Science in Construction Management, TAMU, May 2011.

Esqueda, R. (2011) (Professional Paper) "Prison privatization and development", Master of Science in Land Development, TAMU, May 2011.

Gunby, M. G. (2010) (Thesis) "Identification of owner's project value interests", Master of Science in Civil Engineering, TAMU, December 2010.

Porwal, V. (2010) (Thesis) "Last Planner System – areas of application and implementation challenges", Master of Science in Construction Management, TAMU, December 2010.

Pathak, R. M. (2010) (Thesis) "Framework for selecting leading performance tools for achieving LEED 3.0 credits", Master of Science in Construction Management, TAMU, August 2010.

Gignac, N. P. (2010) (Professional Paper) "Design of a sustainable educational facility located in a hot and humid climate, Grades 9-12, which specializes in ecological studies", Master in Architecture, TAMU, May 2010.

Heckler, M. A. (2010) (Professional Paper), "Stage 2.0: Housing for the second half of life", Master in Architecture, TAMU, May 2010.

Prakash, R. (2010) (Thesis) "Framework for understanding the relationship between lean and safety in construction", Master of Science in Construction Management, TAMU, May 2010.

Sen, T. (2009) (Thesis) "Electrical and production load factors", Master of Science in Mechanical Engineering, TAMU, December 2009.

Dixit, M. K. (2009) (Professional Paper) "Framework for a protocol for embodied energy parameters in building materials", Master of Science in Construction Management, TAMU, August 2009.

Malhotra, V. (2009) (Professional Paper) "Identification of strategies and challenges of adopting an off-grid renewable energy source for the mercantile sector", Master of Science in Construction Management, TAMU, August 2009.

Ramnathkar, M. S. (2008) (Professional Paper) "Post occupancy evaluation of safety and comfort issues of hospital buildings in India", Master of Science in Construction Management, TAMU, December 2008.

Somanchi, P. P. (2008) (Professional Paper) "Investigation of time-cost relationship for infrastructure projects in India", Master of Science in Construction Management, TAMU, December 2008.

Ruparelia, K. (2008) (Professional Paper) "Indian realtors' perception of Real Estate Investment Trusts (REITs)", Master of Science in Construction Management, TAMU, August 2008.

Buchanan, B. A. (2008) (Professional Paper) "A case study of disaster planning for nursing homes", Master of Urban Planning, TAMU, May 2008.

Cluck, A. K. (2008) (Professional Paper) "The old new: bringing people back to a historic downtown", Master in Architecture, TAMU, May 2008.

Castelo-Branco, C. R. (2007) (Thesis) "An effective way to reduce residential construction waste: a case study in Texas", Master of Science in Construction Management, TAMU, December 2007.

Cooper, A. (2007) (Thesis) "Mold susceptibility of rapidly renewable builiding materials within wall construction", Master of Science in Construction Management, TAMU, December 2007.

Jose, S. (2007) (Professional Paper) "Application of Google Earth for visualization of energy use", Master of Science in Construction Management, TAMU, December 2007.

Kang, J. (2007) (Professional Paper) "The impact of emerging information technology on the Korean construction industry", Master of Science in Construction Management, TAMU, December 2007.

Shubham, M. (2007) (Professional Paper) "Cost efficiency of intelligent healthcare buildings", Master of Science in Construction Management, TAMU, December 2007.

Sawlani, M. (2007) (Professional Paper) "Comparative analysis of different delivery systems used for the construction of the educational buildings in Texas", Master of Science in Construction Management, TAMU, August 2007.

Mishra, R. (2007) (Professional Paper) "5D visualization in residential construction: a contractor's perspective", Master of Science in Construction Management, TAMU, May 2007.

Visiting Scholars Hosted (2 completed)

Matos, R. V., Ph.D. student, 2022-2023, Department of Civil Engineering, University of Aveiro, Campus Universitário de Santiago, Aviero, Portugal. (Fulbright Grantee)

Terzioglu, S., Ph.D. student, 2022, Department of Real Estate Development and Management, Ankara University, Ankara, Türkiye.

PUBLICATIONS **Student names are italicized throughout this entire section*

Books/Monographs (1 published)

Published

Hamilton, D. K., Lavy, S., Kircher, A., Jiang, Y. and Dixit, M. K. (2017), *Area Calculation Method for Health Care*, the American Society for Healthcare Engineering (ASHE), Catalog Number 055590.

Chapters in books (4 published)

Published

Jadhav, T., Deshpande, R., and Lavy, S. (2025) "A Review on Sustainable Facilities Management Practices for Green Buildings", in *Advances in Construction Management: Lecture Notes in Civil Engineering*, Editors: Kashyap, A., Goyal, R., Li, R. Y. M., Mahesh, G., and Deepak, M. D., Springer, ISBN: 978-9-819-77205-6.

Li, Y., Pan, X., Han, Y., and Lavy, S. (2022), "From Building Information Modeling to Hospital Information Modeling", in *Research Companion to Building Information Modeling*, Editors: Lu, W., and Anumba, C. J., Edward Elgar Publishing, 593-614, ISBN: 978-1-839-10551-7.

Lavy, S., and *Dixit, M. K.* (2014), "Industry-specific needs", in *International Facility Management*, Editors: Roper, K. O., and Borello, L., Blackwell-Wiley Publications, 141-166, ISBN: 978-0-470-67400-0.

Shohet, I. M., and Lavy, S. (2010), "Hard facilities and performance management in hospitals", in *Improving Healthcare through Built Environment Infrastructure*, Editors: Kagioglou, M., and Tzortzopoulos, P., Wiley-Blackwell Publications, 229-248, ISBN: 978-1-4051-5865-7.

Refereed papers in peer-reviewed journals (55 published, 1 accepted, 2 submitted)

Published

Kumar, A., and Lavy, S. (2026), "Impact of facility management service quality on occupants' satisfaction and property reputation: Evidence from Indian commercial properties using SERVQUAL model", *Property Management*, 44(3), 515-538, https://doi.org/10.1108/PM-04-2025-0034.

Property Management is an international peer-reviewed journal that publishes current research, analysis, and professional insights related to all aspects of property management from physical, economic, social, legal, and environmental perspectives. The journal serves as a forum for researchers, academics, and industry professionals by addressing contemporary issues and emerging trends in areas such as valuation, sustainability, asset management, development and redevelopment, landlord and tenant relations, maintenance and refurbishment, taxation, occupier issues, environmental concerns, and security, while promoting the exchange of knowledge and experience across international boundaries.

Pomè, A. P., Tagliaro, C. and Lavy, S. (2026), "The PropTech mismatch: Exploring the demand-supply digital gap in Italy's property management sector", *Sustainability*, 18, 1850, https://doi.org/10.3390/su18041850.

Sustainability is an international, peer-reviewed, open-access academic journal published semi-monthly by MDPI that focuses on research related to environmental, economic, cultural, and social aspects of sustainability and sustainable development. It serves as a cross-disciplinary forum for original research articles, reviews, communications, and short notes, and is widely indexed in major databases such as Web of Science and Scopus, offering high visibility within the scholarly community. The journal's mission is to advance understanding and practical applications of sustainability across a broad range of fields, providing timely publication and broad dissemination of work that addresses critical challenges in sustainable practices and policy. *Sustainability* has a respectable impact factor (~3.3 in 2024) for an open-access, interdisciplinary journal, and is ranked in mid-tier categories (e.g., Q2 in Environmental Studies).

Terzioglu, S., and Lavy, S. (2025), "Healthcare facility management approach in Türkiye: a case study at the biggest healthcare facility in Europe", *Facilities*, 43(13-14), 881-909.

Facilities covers the multidisciplinary topics of people, property and process management expertise which underpin successful organizational functions in the workplace. The journal offers discussion of key issues in facility management to help managers, architects and other interested parties maximize building space resources. The journal became one of CIB's encouraged journals. All papers in this journal are subject to blind review by at least two reviewers. The acceptance rate in this journal is approximately 46%. Journal Impact Factor: 2.52 (2023).

Lavy, S., Deshpande, R., and Jadhav, T. (2025), "The impact of sustainable design and construction upon FM: Four case-studies", *Journal of Facilities Management*, 23(4), 685-697.

The *Journal of Facility Management Education and Research* provides researchers and industry professionals a medium to present relevant research related to the education and practice of facility management. The Journal publishes peer-reviewed papers, case studies, technical notes, and other items of interest to the field of facility management. All papers in this journal are subject to blind review by at least two reviewers.

Jadhav, T., Deshpande, R., and Lavy, S. (2025), "Facilities management: Insights from India", *Facilities*, 43(5/6), 263-276.

Matos, R., Rodrigues, H., Costa, A., Rodrigues, F., Lavy, S., and Dixit, M. (2025), "Life cycle assessment applied to facility management of exposed steel frames – case study", *Facilities*, 43(1/2), 81-94.

Budzise-Weaver, T. M., Melgoza, P., Lavy, S., and *Saraogi, D. K. S. K.* (2024), "Interpretation of space: An analysis of study space usage on a university campus", *Learning Environments Research*, 27, 373-391, https://doi.org/10.1007/s10984-023-09484-8.

Learning Environments Research publishes original academic papers dealing with the study of learning environments. The journal refers to the social, physical, psychological and pedagogical contexts in which learning occurs and which affect student achievement and attitudes. The aim of the journal is to increase understanding of pre-primary, primary, high school, college and university, and lifelong learning environments irrespective of subject area. The journal has an affiliation with the American Educational Research Association's Special Interest Group on the Study of Learning Environments. All papers in this journal are subject to blind review by at least two reviewers. Journal Impact Factor: 2.7 (2023).

Klungseth, N. J., Nielsen, S. B., Alves da Graça, M. E., and Lavy, S. (2023), "Research and evidence-based standards paving the way for a digital and sustainable transformation of the built environment", *Facilities*, 41(5/6), 454-475.

Venkatraj, V., Dixit, M. K., Yan, W., and Lavy, S. (2020), "Evaluating the Impact of Operating Energy Reduction Measures on Embodied Energy", *Energy and Buildings*, 226, 110340, https://doi.org/10.1016/j.enbuild.2020.110340.

Energy and Buildings is an international journal publishing articles with explicit links to energy use in buildings. The aim is to present new research results, and new proven practice aimed at reducing energy needs of a building and improving indoor environment quality. All papers in this journal are subject to blind review by at least two reviewers. Journal Impact Factor: 5.87 (2020).

Lavy, S., *Daneshpour, E.*, and Choi, K. (2020), "Higher education space management through user-centric data analytics", *Facilities*, 38(3/4), 346-364.

Journal Impact Factor: 1.88 (2020).

Lavy, S., *Saxena, N.*, and Dixit, M. K. (2019), "Effects of BIM and COBie data-base facility management on work order processing times: A case study", ASCE *Journal of Performance of Constructed Facilities*, 33(6), 04019069.

The principal purpose of the *Journal of Performance of Constructed Facilities* is to disseminate information on failures and performance deficiencies of constructed facilities. The journal also publishes manuscripts on design and construction practices that could lead to or have led to failures. Papers that discuss the interface between various professionals in the construction industry are of special interest, as well as manuscripts discussing risk management and failure prevention techniques, and manuscripts on monitoring the performance of existing facilities and maintenance of the infrastructure are within the intended scope of the Journal. All papers in the journal are subject to blind review by at least two reviewers.

Lavy, S., Hamilton, D. K., *Jiang, Y.*, *Kircher, A.*, Dixit, M., K., and *Lee, J. T.* (2019), "Hospital building and departmental area calculation: Comparison of 36 recent North American projects", *Health Environments Research & Design Journal*, 12(4), 174-185.

Health Environments Research and Design Journal features evidence-based research papers on the relationships among health and environmental design and organizational, provider, and patient outcomes. The journal publishes papers on research methods and techniques, theory, integrative and synthesized reviews of literature, case studies, and critical reviews of new books. All papers in this journal are subject to blind review by at least two reviewers.

Dixit, M. K., *Singh, S.*, Lavy, S., and Yan, W. (2019), "Floor finish selection in health-care facilities: A systematic literature review", *Facilities*, 37(9/10), 571-599.

Dixit, M. K, *Venkatraj, V.*, *Ostadalimakhmalbaf, M.*, *Pariafsai, F.*, and Lavy, S. (2019), "Integration of facility management and Building Information Modeling (BIM): A review of key issues and challenges", *Facilities*, 37(7/8), 455-483.

Rincón, J. L., Fernandez-Solis, J. L., Lavy, S., and Du, J. (2019), "Effect of autonomous agents on Last Planner System performance in Texas", ASCE *Journal of Management in Engineering*, 35(1), DOI: 10.1061/(ASCE)ME.1943-5479.0000657.

The *Journal of Management in Engineering* offers an avenue for researchers and practitioners to present contemporary issues associated with management and leadership for the civil engineer. Management and leadership issues include contract management, project management, partnering, office management, professional practice and development, financial management, human resources management, marketing and sales, ethics, technology and innovation management, information management, continuing education, organizational theory, strategic planning, conflict management, negotiating, risk management, globalization, networking, change management, teamwork, team building, communication, mentoring, coaching, and diversity. All papers in this journal are subject to blind review by at least two reviewers.

Sindhu, J., Choi, K., Lavy, S. Rybkowski, Z. K., Bigelow, B. F., and *Li, W.* (2018), "Effects of front-end planning under fast-tracked project delivery systems for industrial projects", *International Journal of Construction Education and Research*, 14(3), 163-178.

The *International Journal of Construction Education and Research* is an international refereed journal that publishes original works that address cutting edge issues related to construction around the globe. The Journal recognizes scholarly work in the areas of construction education and construction research by preserving and disseminating research (both quantitative and qualitative) and other original manuscripts that contribute to the understanding of issues and topics associated with construction education and the construction industry. All papers in this journal are subject to blind review by at least three reviewers.

Rincon, J., Lavy, S., and Fernandez-Solis, J. L. (2017), "A strategic approach to target capital investment on facility assets: Literature review", *Journal of Facility Management Education and Research*, 1(1), 30-39.

Shohet, I. M., and Lavy, S. (2017), "Facility maintenance and management: A health care case study", *International Journal of Strategic Property Management*, 21(2), 170-182.

The *International Journal of Strategic Property Management* is a peer-reviewed, interdisciplinary journal which publishes original research papers and provides a forum for discussion and debate relating to areas of strategic property management, such as asset management, facilities management, property policy, budgeting and financial controls, risk management, and real estate valuation and investment. All papers in this journal are subject to blind review by at least two reviewers.

Lavy, S., and *Nixon, J. L.* (2017), "Applications, enrollment, attendance, and student performance in rebuilt school facilities: A case study", *International Journal of Construction Education and Research*, 13(2), 125-141.

Dixit, M. K., Culp, C. H., Fernandez-Solis, J. L., and Lavy, S. (2016), "Reducing carbon footprint of facilities using a facility management approach", *Facilities*, 34(3/4), 247-259.

Wao, J. O., Ries, R., Flood, I., Lavy, S., and Mehmet, E. O. (2016), "Relationship between admission GRE scores and graduation GPA scores of Construction Management graduate students", ASC *International Journal of Construction Education and Research*, 12(1), 37-53.

Choi, K., *Lee, H. W.*, *Mao, Z.*, Lavy, S., and Ryoo, B. Y. (2016), "Environmental, economic, and social implications of highway concrete rehabilitation alternatives", ASCE *Journal of Construction Engineering and Management*, 142(2), DOI: http://dx.doi.org/10.1061/(ASCE)CO.1943-7862.0001063.

The *Journal of Construction Engineering and Management* publishes quality papers that aim to advance the science of construction engineering, harmonize construction practices with design theories, and further education and research in construction engineering and management. Topics include, but are not limited to, the following: construction material handling, equipment, production planning, specifications, scheduling, estimating, cost control, quality control, labor productivity, inspection, contract administration, construction management, computer applications, and environmental concerns.

Lavy, S., and *Saxena, N.* (2015), "Quantifying the effect of using BIM and COBie for facility management on work order processing times: A case study", *International Journal of Facility Management, 6*(1), Retrieved November 2, 2015, http://ijfm.net/index.php/ijfm/article/view/133.

The *International Journal of Facility Management* is an open source, Internet accessible journal devoted to the science, technology, and practice of facility management. Through research and practice papers, the journal enables the sharing of new theories, research, thoughts, experiences and concepts for building and workplace strategy, design, management, operations, use and disposition. All papers in this journal are subject to blind review by at least two reviewers.

Lavy, S., *Kiss, C. W.*, and Fernandez-Solis, J. L. (2015), "Linking design and energy performance in U.S. military hospitals", *Architectural Engineering and Design Management*, 11(1), 41-64.

Architectural Engineering and Design Management discusses the integration of design and construction, and provides a multidisciplinary collaborative format for dissemination of research between the different professions involved in building design and construction. The journal was launched in 2005, and covers topics associated with, but not limited to integration of building design and construction, architectural technology, sustainable design and construction, and education and architectural engineering. The journal became one of CIB's encouraged journals. All papers in this journal are subject to blind review by at least two reviewers.

Lavy, S., Garcia, J. A., Scinto, P., and *Dixit, M. K.* (2014), "KPIs for facility performance assessment: Simulation of core indicators", *Construction Management and Economics*, 32(12), 1183-1204.

Construction Management and Economics is a leading international refereed journal that publishes original research concerning the management and economics of building and civil engineering, while also including the management of built facilities. All papers in this journal are subject to blind review by four reviewers. The average acceptance rate in this journal is 48%.

Lavy, S., and *Jawadekar, S.* (2014), "A case study of using BIM and COBie for facility management", *International Journal of Facility Management, 5*(2), Retrieved December 19, 2014, http://www.ijfm.net/index.php/ijfm/article/view/110/114.

Lavy, S., Garcia, J. A., and *Dixit, M. K.* (2014), "KPIs for facility's performance assessment, Part I: Identification and categorization of core indicators", *Facilities*, 32(5/6), 256-274.

Lavy, S., Garcia, J. A., and *Dixit, M. K.* (2014), "KPIs for facility's performance assessment, Part II: Identification of variables and deriving expressions for core indicators", *Facilities*, 32(5/6), 275-294.

Dixit, M., Culp, C., Lavy, S., and Fernandez-Solis, J. (2014), "Recurrent embodied energy and its relationship with service life and life cycle energy: A review paper", *Facilities*, 32(3/4), 160-181.

Fernandez-Solis, J. L., *Porwal, V.*, Lavy, S., *Shafaat, A.*, Rybkowski, Z. K., *Son, K.*, and *Lagoo, N.* (2013), "Survey of motivations, benefits and implementation challenges of Last Planner System users", ASCE *Journal of Construction Engineering and Management*, 139(4), 354-360.

Dixit, M. K., Fernandez-Solis, J. L., Lavy, S., and Culp, C. H. (2012), "Need for an embodied energy measurement protocol for buildings: A review paper", *Renewable & Sustainable Energy Reviews*, 16(6), 3730-3743.

Renewable & Sustainable Energy Reviews publishes articles designed to bring together under one cover, current advances in the field of renewable and sustainable energy. The coverage of the journal includes areas such as energy resources, e.g., geothermal, hydropower, solar, and wind; applications and services of renewable energy in buildings; policy issues; and environmental impact. All papers in this journal are subject to blind review by at least two reviewers. The Journal's five-year Impact Factor in 2011 was 6.619.

Rybkowski, Z. R., *Zhou, X.*, Lavy, S., and Fernandez-Solis, J. (2012), "Investigation into the nature of productivity gains observed during the airplane game lean simulation", *Lean Construction Journal*, 2012, 78-90.

The *Lean Construction Journal* is an international refereed journal devoted to lean construction practice and research. The primary objective of LCJ is to stimulate a systematic rethinking of the construction process both on and off-site by providing a forum for disseminating knowledge and exchanging ideas between industry and academia. All papers in this journal are subject to blind review by at least three reviewers.

Lavy, S, and *Dixit, M. K.* (2012), "Wall finish selection in hospital design: A survey of facility managers", *Health Environments Research and Design Journal*, 5(2), 80-98.

Fernandez-Solis, J. L., *Pathak, R.*, Lavy, S., Beltran, L. O., *Son, K.*, and *Kim, K.* (2011), "Framework for selecting performance assessment tools for achieving LEED 3.0 credits", *Architectural Engineering and Design Management*, 7(4), 236-250.

Lavy, S., *Aggarwal, C.*, and *Porwal, V.* (2010), "Fatalities of Hispanic workers: safety initiatives taken by U.S. construction companies to address linguistic and cultural issues", ASC *International Journal of Construction Education and Research*, 6(4), 271-284.

Lavy, S., and *Dixit, M. K.* (2010), "Literature review on design terror mitigation for facility managers in public access buildings", *Facilities*, 28(11/12), 542-563.

Lavy, S., Garcia, J. A., and *Dixit, M. K.* (2010), "Establishment of KPIs for facility performance measurement: review of literature", *Facilities*, 28(9/10), 440-464.

Lavy, S., and Shohet, I. M. (2010), "Performance-based facility management – an integrated approach", *International Journal of Facility Management*, 1(1), Retrieved April 29, 2010, from: http://www.ijfm.net/index.php/ijfm/article/view/11/14.

Dixit, M. K., Fernandez-Solis, J. L., Lavy, S., and Culp, C. H. (2010), "Identification of parameters for embodied energy measurement: A literature review", *Energy and Buildings*, 42(8), 1238-1247.

Malhotra, V., Fernandez-Solis, J., Lavy, S., and Neuman, M. (2010), "Feasibility of an off-grid renewable energy source for the mercantile sector", *Journal of Green Building*, 5(1), 71-87.

The *Journal of Green Building* advances the body of knowledge related to green, sustainable, or high performance built facilities and infrastructure systems. Acceptable paper topics include original reviews of past practice, present information of current interest, or exploration of new concepts pertinent to green building. All papers in this journal are subject to blind review by at least two reviewers.

Lavy, S., and Choudhury, I. (2009), "Design and construction practices for terror attack mitigation in public schools", *International Journal of Construction Project Management*, 1(2), 121-144.

The *International Journal of Construction Project Management* provides a vehicle for the exchange and dissemination of knowledge on project management issues relevant to the built environments. The journal provides a wide range of original research and application papers on current developments and advances in both theory and practice of project management around the globe. All papers in this journal are subject to blind review by at least two reviewers.

Lavy, S., and Fernandez-Solis, J. L. (2009), "LEED Accredited Professionals' perceptions affecting credit point adoption", *Facilities*, 27(13/14), 531-548.

Lavy, S., and Shohet, I. M. (2009), "Integrated healthcare facilities maintenance management model: case studies", *Facilities*, Special issue on Facilities and Patient Care, 27(3/4), 107-119.

Lavy, S., and Bilbo, D. L. (2009), "Facilities maintenance management practices in large public schools, Texas", *Facilities*, 27(1/2), 5-20.

Bilbo, D., Lavy, S., and *Waseem, M.* (2009), "Guidance counselors' knowledge and perceptions of careers in the construction industry", *The American Professional Constructor*, 33(2), 11-18.

The American Professional Constructor is a publication in which information and technical concepts are shared with fellow colleagues in the construction industry. It publishes papers in such areas as: practice, trends, suggested new activities, or results of construction-related research. The journal publishes papers that contribute to the educational, planning, management, development, or business phase of the construction industry. All submissions are subject to blind review by at least two reviewers.

Bilbo, D., Lavy, S., *Myres, D. J.*, and *Waseem, M.* (2009), "Sources of high school juniors' and seniors' perceptions of construction industry", *The American Professional Constructor*, 33(2), 3-10.

Lavy, S. (2008), "Facility management practices in higher education buildings: A case study", *Journal of Facilities Management*, 6(4), 303-315.

Journal of Facilities Management is a strategic level journal for Heads of Facilities and Corporate Real Estate. The journal publishes analyses, briefings and case studies on how facilities play a vital part in helping deliver corporate strategy. This journal features contributions from leading practitioners and thinkers in the field of facilities management, from some of the leading companies, government institutions, and universities in the world. All papers in this journal are subject to blind review by at least two reviewers.

Lavy, S., and Shohet, I. M. (2007), "On the effect of service life conditions on the maintenance of healthcare facilities", *Construction Management and Economics*, 25(10), 1087-1098.

Lavy, S., and Shohet, I. M. (2007), "Computer-aided healthcare facility management", ASCE *Journal of Computing in Civil Engineering*, 21(5), 363-372.

The *Journal of Computing in Civil Engineering* publishes advances and innovative ideas in computing as applicable to the engineering profession. The journal publishes research, implementation, and applications in cross-disciplinary areas including software, hardware for robotics, and strategic issues. All papers in this journal are subject to blind review by at least three reviewers. The average acceptance rate in this journal is 47%.

Lavy, S., and Shohet, I. M. (2007), "A strategic integrated healthcare facility management model", *International Journal of Strategic Property Management*, 11(3), 125-142.

Lavy, S., Shapira, A., Botansky, Y., and Schexnayder, C. J. (2005), "Challenges of stadium construction – case study", ASCE *Practice Periodical on Structural Design and Construction*, 10(3), 181-189.

The *Practice Periodical on Structural Design and Construction* publishes articles about practical solutions to structural design problems and construction challenges of interest to practitioners. Articles considered are those of interest to a significant number of practicing engineers and contractors. All papers in this journal are subject to blind review by at least two reviewers.

Lavy, S., and Shohet, I. M. (2004), "Integrated maintenance management of hospital buildings: a case study", *Construction Management and Economics*, 22(1), 25-34.

Shohet, I. M., and Lavy, S. (2004), "Healthcare facilities management: State of the art review", *Facilities*, 22(7/8), 210-220.

Shohet, I. M., and Lavy, S. (2004), "Development of an integrated healthcare facilities management model", *Facilities*, 22(5/6), 129-140.

Shohet, I. M., Lavy-Leibovich, S., and Bar-On, D. (2003), "Integrated maintenance monitoring of hospital buildings", *Construction Management and Economics*, 21(2), 219-228.

Accepted

Waters, B. L., Dixit, M. K., and Lavy, S. (2026), "Priorities of design-bid-build stakeholders regarding architectural services: a narrative literature review", Accepted for publication at *Architectural Engineering and Design Management*, https://doi.org/10.1080/17452007.2026.2632749.

Submitted

Lavy, S., Suresh, R. R. M., Kumar, A., and Shawver, C., "Beyond technology adoption: A socio-technical analysis of smart campus integration in large-scale facility management", Submitted for peer-review and possible publication at *Facilities*.

Kumar, A., Akhouri, A., Davies, J., and Lavy, S., "Healthcare-hospitality convergence and patient experience: Evidence-based research from healthcare infrastructure in an emerging market", Submitted for peer-review and possible publication at *American Business Review*.

Journal Editorial (15 published)

Co-Editorial

Lavy, S., (2016), *Facilities*, 34(5/6), 262-263

Lavy, S., (2015), *Facilities*, 33(13/14), 743

Lavy, S., (2015), *Facilities*, 33(7/8), 427

Lavy, S., (2015), *Facilities*, 33(3/4), 150-151

Lavy, S., (2014), *Facilities*, 32(11/12), 582-583

Lavy, S., (2014), *Facilities*, 32(9/10), 458-459

Lavy, S., (2014), *Facilities*, 32(3/4), 86-87

Lavy, S., (2013), *Facilities*, 31(13/14), 572-573

Lavy, S., (2013), *Facilities*, 31(11/12), 452-453

Lavy, S., (2013), *Facilities*, 31(7/8), 268-269

Lavy, S., (2013), *Facilities*, 31(5/6), 192-193

Lavy, S., (2013), *Facilities*, 31(3/4), 104-105

Lavy, S., (2012), *Facilities*, 30(11/12), 456-457 (as Associate Editor)

Lavy, S., (2012), *Facilities*, 30(9/10), 348-349 (as Associate Editor)

Guest Co-Editor

Klungseth, N. J., Nielsen, S. B., Alves da Graça, M. E., and Lavy, S. (2023), *Facilities*, special issue on the "Role of research for standards within the built environment", 41(5/6), 28-284.

Lavy, S., and Fernandez-Solis, J. L. (2010), *Health Environments Research and Design Journal*, special issue on healthcare construction and facility management, 3(2), Spring 2010, 3-6.

Refereed papers in peer-reviewed conference proceedings (55 published/1 accepted)

Published

International

Terzioğlu, S., Lavy, S., and Koç, O. (2025), "A new approach to healthcare facility management: Examination of a case-study", the *2025 CIB World Building Congress*, Purdue University, West Lafayette, IN, May 19-22, 2025.

Langar, S., and Lavy, S. (2025), "Resilient technology adoption by facility managers for enhanced building resilience in the US", the *2025 CIB World Building Congress*, Purdue University, West Lafayette, IN, May 19-22, 2025.

Jadhav, T., Deshpande, R., and Lavy, S. (2023), "A review on sustainable facilities management practices for green buildings", the *7th International Conference on Construction, Real Estate, Infrastructure & Project Management (ICCRIP 2023)*, NICMAR University, Pune, India, Aug 11-12, 2023.

Lavy, S., and Terzioglu, S. (2023), "Delivery of healthcare facility management services: A literature review", the *CIB-ISO 2023: CIB W70 Conference on Facility Management and Maintenance*, Norwegian University of Science and Technology, Trondheim, Norway, May 8-12, 2023.

Nenonen, S., Lavy, S., Graca, M., and Crepaldi, R. (2023), "Future of facilities management profession", the *CIB-ISO 2023: CIB W70 Conference on Facility Management and Maintenance*, Norwegian University of Science and Technology, Trondheim, Norway, May 8-12, 2023.

Lavy, S., and *Thakur, Y.* (2022), "Smart building envelope toward increased building sustainability: A literature review", Proceedings of the *3rd Transdisciplinary Workplace Research (TWR) Conference*, Politecnico di Milano, Milan, Italy, September 7-10, 2022.

Klungseth, N. J., Nielsen, S. B., Alves da Graça, M. E., and Lavy, S. (2022), "Research and evidence-based standards: Research and standards in combined efforts for a sustainable transformation of the built environment", Proceedings of the *22nd CIB World Building Congress*, RMIT University, Melbourne, Australia, June 27-30, 2022.

Dixit, M. K., Lavy, S., and *Abdagiri, P.* (2020), "The relationship of embodied energy and cost of buildings", Proceedings of the *56th Associated Schools of Construction (ASC) Annual International Conference*, Liverpool, United Kingdom, September 2-5, 2020.

Melgoza, P., Budzise-Weaver, T., Lavy, S., and *Kunje, T.* (2020), "Using Visual Ethnography for Space Studies", Proceedings of the *2020 American Society for Engineering Education (ASEE) Annual Conference & Exposition*, Montreal, Quebec, Canada, June 21-24, 2020.

Lavy, S., *Deliwala, M.*, and *Henry, R.* (2019), "Designing the modern workplace to inspire the current workforce: A literature review", the *CIB World Building Congress 2019*, The Hong Kong Polytechnic University, Hong Kong, China, June 17-21, 2019.

Choi, K., Lavy, S., and Rybkowski, Z. K. (2019), "Harnessing Machine-Learning towards Autonomous", the *CIB World Building Congress 2019*, The Hong Kong Polytechnic University, Hong Kong, China, June 17-21, 2019.

Song, T., Ryoo, B. Y., and Lavy, S. (2018), "Creating OWL-language knowledge map using text mining", the *US-Korea Conference on Science, Technology, and Entrepreneurship 2018*, St. John's University, Queens, NY, August 1-4, 2018.

Dharela, A., and Lavy, S., (2017), "How technology is transforming user experience? A literature review", the *International Facility Management Association (IFMA) World Workplace 2017 – Academic and Research (A&R) Track*, Houston, TX, October 18-20, 2017.

Wheeler, D., and Lavy, S., (2017), "Can facility assets be used to create added-value for a firm through strategic alignment? A literature review", the *International Facility Management Association (IFMA) World Workplace 2017 – Academic and Research (A&R) Track*, Houston, TX, October 18-20, 2017.

Lavy, S., and Dixit, M., (2017), "Key Performance Indicators for facility performance assessment: Measuring core indicators using Building Information Modeling", the *International Research Conference 2017*, University of Salford, Salford, United Kingdom, September 11-12, 2017.

Lavy, S., *Singh, N.*, Choi, K., and *Justin, A.*, (2017), "The future of facility management in the face of rapidly changing technology", *2017 International Conferences of Maintenance and Rehabilitation of Constructed Infrastructure Facilities (2017 MAIREINFRA)*, International Society for Maintenance and Rehabilitation of Transportation Infrastructures (iSMARTi), Seoul, South Korea, July 19-21, 2017.

Lavy, S., *Nixon, J.*, and *Samant, S.* (2016), "An analysis of student performance measures in newly constructed schools", *CIB World Building Congress 2016*, Tampere, Finland, May 30-June 3, 2016, Vol. I, pp. 361-371.

Shi, Y., Du, J., Lavy, S., and *Zhao, D.* (2016), "A multiuser shared virtual environment for facility management", *ASCE International Conference on Sustainable Design, Engineering and Construction*, Tempe, AZ, May 18-20, 2016, pp. 120-127.

Lavy, S., Eustace, G. N., and Smith S. S. (2016), "Challenges faced in developing an undergraduate Minor in Facility Management: A case study", *Associated Schools of Facility Management (ASFM) Inaugural Meeting, Sustainable Facility Management for the Future*, Provo, UT, April 13, 2016.

Lavy, S., and *Saxena, N.* (2015), "Work order processing time – does BIM make a difference…?", the *14th International Conference of the International Building Performance Simulation Association (IBPSA)*, Hyderabad, India, December 7-9, 2015, pp. 565-572.

Lavy, S., and *Saxena, N.* (2015), "Quantifying the effect of using BIM and COBie for facility management on work order processing times: A case study", *International Facility Management Association (IFMA) World Workplace 2015 – Academic and Research (A&R) Track*, Denver, CO, October 7-9, 2015.

Wao, J., Ries, R., Flood, I., Lavy, S., and Mehmet, O. (2015), "Investigating the predictive ability of admission GRE scores on graduation GPA scores of domestic and international students in Construction Management graduate school programs", The *51st Annual International Conference of the Associated Schools of Construction*, College Station, TX, April 22-25, 2015.

Lavy, S., and *Jawadekar, S.* (2014), "A case study of using BIM and COBie for facility management", Proceedings of the *International Facility Management Association (IFMA) World Workplace 2014 – Academic and Research (A&R) Track*, New Orleans, LA, September 17-20, 2014, pp. 62-76.

Lavy, S., Garcia, J. A., and *Dixit, M. K.* (2014), "Key performance indicators for a holistic facility performance assessment", Proceedings of the *Joint CIB W070, W111 & W118 Conference on Using Facilities in an Open World – Creating Value for All Stakeholders*, Copenhagen, Denmark, May 21-23, 2014, pp. 12-23.

Dixit, M. K., Culp, C. H., Fernandez-Solis, J. L., and Lavy, S. (2014), "A facility management approach to reducing energy and Carbon footprint of built facilities", Proceedings of the *Joint CIB W070, W111 & W118 Conference on Using Facilities in an Open World – Creating Value for All Stakeholders*, Copenhagen, Denmark, May 21-23, 2014, pp. 217-228.

Hamilton, D. K., Lavy, S., *Kircher, A.*, and *Jiang, Y.* (2012), "Area calculations: Are you planning with the latest information?", Proceedings of the *2012 Healthcare Design Conference*, The Center for Health Design in Association with the Academy of Architecture for Health of the American Institute of Architects, Phoenix, AZ, November 3-6, 2012.

Lavy, S., and *Kiss, C. W.* (2012), "Simulations of design modifications in military health facilities", Proceedings of the *Joint CIB W070, W092 & TG72 International Conference on Facilities Management, Procurement Systems and Public Private Partnership*, Cape Town, South Africa, January 23-25, 2012, pp. 383-388.

Shohet, I. M., and Lavy, S. (2012), "The architecture of healthcare services provision: A facilities management perspective", Proceedings of the *Joint CIB W070, W092 & TG72 International Conference on Facilities Management, Procurement Systems and Public Private Partnership*, Cape Town, South Africa, January 23-25, 2012, pp.586-593.

Dixit, M. K., Culp, C. H., Lavy, S., and Fernandez-Solis, J. (2012), "Recurrent embodied energy of built facilities and its relationship with service life: A review paper", Proceedings of the *Joint CIB W070, W092 & TG72 International Conference on Facilities Management, Procurement Systems and Public Private Partnership*, Cape Town, South Africa, January 23-25, 2012, pp. 403-409.

Rybkowski, Z. K., *Munankami, M.*, *Gottipati, U.*, Fernandez-Solis, J., and Lavy, S. (2011), "Toward an understanding of cost and aesthetics: Impact of cost constraints on aesthetic ranking following target value design exercises", Proceedings of the *19th Annual Conference of the International Group for Lean Construction (IGLC)*, Lima, Peru, July 13-15, 2011, pp. 448-457.

Lavy, S. (2011), "A literature review on measuring building performance by using Key Performance Indicators", Proceedings of *ASCE Architectural Engineering Institute Conference – AEI 2011: Building Integration Solutions*, Oakland, CA, March 30-April 2, 2011, pp. 406-417.

Lavy, S., Garcia, J. A., and *Dixit, M. K.* (2010), "Developing a categorization matrix of Key Performance Indicators (KPIs): a literature review", Proceedings of the *CIB-W70 International Conference in Facilities Management: FM in the Experience Economy*, Escola Politecnica da Universidade de Sao Paulo, Sao Paulo, Brazil, September 13-15, 2010, pp. 407-420.

Dixit, M., Fernandez-Solis, J. L., Lavy, S., and Culp, C. H. (2010), "State of standardization in embodied energy computation: need for a protocol", Proceedings of the *CIB-W70 International Conference in Facilities Management: FM in the Experience Economy*, Escola Politecnica da Universidade de Sao Paulo, Sao Paulo, Brazil, September 13-15, 2010, pp. 571-584.

Porwal, V., Fernandez-Solis, J., Lavy, S., and Rybkowski, Z. (2010), "Last Planner System – implementation challenges", *Proceedings of the 18th Annual Conference of the International Group for Lean Construction: Challenging Lean Construction Thinking*, Technion – Israel Institute of Technology, Haifa, Israel, July 14-16, 2010.

Lavy, S., and *Dixit, M.K.* (2010), "Facility managers' preferred interior wall finishes in acute-care hospital buildings", *Proceedings of the 2010 CIB World Congress – Building a Better World*, Best Paper Award winner, University of Salford, Salford, United Kingdom, May 10-13, 2010, paper #553.

Dixit, M., Fernandez-Solis, J. L., and Lavy, S. (2010), "Protocol for embodied energy measurement parameters", *Proceedings of the 2010 CIB World Congress – Building a Better World*, University of Salford, Salford, United Kingdom, May 10-13, 2010, paper #609.

Pathak, R., Fernandez-Solis, J. L., and Lavy, S. (2010) ,"A framework of tool kits with LEED® 3.0 rating system", *Proceedings of the 2010 CIB World Congress – Building a Better World*, University of Salford, Salford, United Kingdom, May 10-13, 2010, paper #661.

Porwal, V., Fernandez-Solis, J. L., and Lavy, S. (2010), "Review and analysis of lean's Last Planner® System through Popper's method of conjecture and refutation", *Proceedings of the 2010 CIB World Congress – Building a Better*

World, University of Salford, Salford, United Kingdom, May 10-13, 2010, paper #612.

Lavy, S. (2009), "Teaching facility management practices – a case study", *Proceedings of the 116th Annual American Society for Engineering Education (ASEE) Conference and Exposition*, Austin, TX, June 14-17, 2009.

Lavy, S., and Shohet, I. M. (2008), "Implications of the architecture of service provision for healthcare FM: the case of Israel", *Proceedings of the CIB-W70 Conference in Facilities Management*, Edinburgh, UK, June 16-18, 2008, pp. 251-258.

Lavy, S., and Shohet, I. M. (2007), "Integrated healthcare facility management model – a case study", *Proceedings of the Annual Construction and Building Research Conference 2007*, Atlanta, GA, September 6-7, 2007.

Lavy, S., and Shohet, I. M. (2006), "Decision-support system for healthcare facilities management", *Proceedings of the CIB-W70 International Symposium on changing user demands on buildings – needs for lifecycle planning and management*, Trondheim, Norway, June 12-14, 2006, pp. 687-698.

Shohet, I. M., and Lavy, S. (2006), "Development of a facility coefficient: Quantifying the effect of service life conditions on maintenance", *Proceedings of the 3rd International SCRI Symposium*, Delft University of Technology, The Netherlands, April 3-4, 2006, pp. 443-456.

Lavy, S., and Shohet, I. M. (2004), "An integrated healthcare Facilities Management model", *Proceedings of the 3rd European Conference in Facilities Management*, Copenhagen, Denmark, May 12-15, 2004.

Shohet, I. M., and Lavy, S. (2004), "A quantitative model for monitoring facilities operations", *Proceedings of the CIB World Building Congress 2004*, Toronto, Ontario, Canada, May 2-7, 2004.

Shohet, I. M., Lavy-Leibovich, S., and Bar-On, D. (2002), "Integrated maintenance management of hospital buildings in Israel", *Proceedings of the 17th Congress of the International Federation of Hospital Engineering*, Bergen, Norway, May 2002, pp. 182-199.

Lavy-Leibovich, S., and Shohet, I. M. (2002), "Integrated maintenance management of multi-system buildings – A case study", *Proceedings of the 2nd International Postgraduate Research Conference in the Built and Human Environment*, University of Salford, Salford, United Kingdom, April 2002, pp. 137-148.

Shohet, I. M., and Leibovich, S. (2002), "Integrated maintenance management of facilities", *Proceedings of the 9th International Conference on Durability of Building Materials and Components*, Brisbane, Australia, March 2002, Vol. 2, ICOMS002, paper 137.

National

Hamilton, D. K., Lavy, S., *Kircher, A.*, and *Jiang, Y.* (2012), "Benchmarking net:gross & building gross data – research results from Texas A&M", the 2012 *International Summit & Exhibition on Health Facility Planning, Design &*

Construction™ (PDC), The American Society for Healthcare Engineering, Phoenix, AZ, March 4-7, 2012.

Lavy, S., Choudhury, I., and *Vail T. R.* (2007), "The cost of structural terrorism mitigation in new public school construction in high risk areas, US", *Proceedings of the 5th National Congress of the Israeli Society of Civil, Structural, and Infrastructural Engineering*, Tel-Aviv, Israel, October 29-30, 2007, pp. 68-72.

Lavy, S., and Shohet, I. M. (2006), "Facility life cycle assessment: integrated healthcare facilities management model – Towards a maintenance performance toolkit", *Proceedings of the 43rd Annual Conference of the American Society for Healthcare Engineering (ASHE) and the American Hospital Association (AHA)*, Boston, MA, July 10-12, 2006.

Lavy, S., and Shohet, I. M. (2003), "Integrated maintenance management: Development of a quantitative model", *Proceedings of the 3rd National Conference in Construction and Infrastructures*, Tel-Aviv, Israel, November 2003, pp. 251-253 (in Hebrew).

Shohet, I. M., Lavy-Leibovich, S., and Bar-On, D. (2002), "Key performance indicators for performance, budgeting, and maintenance management of hospital buildings in Israel", *Proceedings of the 4th annual symposium of the National Council for Logistics in the Healthcare*, The Israel Ministry of Health, Tel-Aviv, Israel, June 2002, pp. 15-19 (in Hebrew).

Shohet, I. M., and Leibovich, S. (2001), "Integrated maintenance management of multi-system buildings", *Proceedings of the 2nd National Conference in Construction and Infrastructures*, Tel-Aviv, Israel, November 2001, pp. 365-370 (in Hebrew).

Local

Lavy, S., Garcia, J. A., and *Dixit, M. K.* (2013), "Identifying, categorizing and quantifying KPIs for facility's performance assessment", *Centennial Conferences of the American Society of Civil Engineers (ASCE)*, Texas Section, Corpus Christi, TX, March 21-22, 2013.

Accepted

Kaur, T., and Lavy, S. (2026), "Workplace sustainability awareness and workspace usage: Testing the moderating role of employee training", Accepted for publication at the *V Transdisciplinary Workplace Research (TWR) Conference*, Zurich University of Applied Sciences, Zurich, Switzerland, September 2-5, 2026.

Other peer-reviewed conference presentations (abstract only) (2 presented)

Budzise-Weaver, T., Melgoza, P., Lavy, S., and *Kunje, T.* (2020), "How students utilize spaces outside of the library: An analysis through visual ethnography", accepted for presentation at the *42nd Annual Association of Architecture School Librarians (AASL) Conference*, San Diego, CA, March 12-14, 2020. Accepted for presentation, but conference canceled due to the COVID-19 World Pandemic outbreak.

Lavy, S., and Hussain, M. (2009), "Green is good facility management", *Texas College and University Facilities Conference*, San Marcos, TX, January 7-9, 2009.

Invited presentations (non-peer-reviewed) (22 presented)

Alves da Graça, M. E., Lavy, S., and Prandini, C. P., (2026), "Shaping the future of the facility management profession through education", *the Florida Facilities Summit 2026*, Orlando, FL, Aug 5-7, 2026.

Lavy, S., and Beşiktepe, D., (2024), "The healthcare FM industry in the USA: Trends and challenges", *the 1st International Healthcare Facilities Management Symposium (IHFMS'2024)*, Ankara University, Ankara, Türkiye, Jun 6, 2024 (delivered online).

Lavy, S., (2024), "Research-driven, evidence-based best practices in healthcare", Panel Member, *the 2024 American Society for Healthcare Engineering (ASHE) Planning, Design, and Construction (PDC) Summit*, San Diego, CA, Mar 17-20, 2024.

Lavy, S., (2023), "Facility management: Current status and emerging global trends", Keynote presentation, *the 7th International Conference on Construction, Real Estate, Infrastructure & Project Management (ICCRIP 2023)*, NICMAR University, Pune, India, Aug 11-12, 2023.

Lavy, S., (2022), "Status of FM in the USA", Keynote presentation, *the IV Forum Internacional De Facility Management (the IV International Forum on Facility Management)*, Associação Brasileira do Mercado Limpeza Professional (ABRALIMP), Sao Paulo, Brazil, August 6-10, 2022.

Lavy, S., (2019), "Enhancing the value through design, construction, and FM – The U.S. healthcare industry", Keynote presentation, *the International Facility Management Association (IFMA) China World Workplace 2019*, Suzhou, China, August 29-30, 2019.

Lavy, S., (2019), "Driving performance in the FM industry using big data", Keynote presentation, *ARCHIBUS Nexus 2019*, New Orleans, LA, April 28-May 1, 2019.

Lavy, S., (2018), "Facility management: Why is looking at projects from a whole life perspective so crucial in the healthcare industry?", *World HealthCare Summit 2018*, Allied Academies, Orlando, FL, March 26-27, 2018.

Lavy, S., (2017), "Facility management: Looking at projects from a different (whole life) perspective", *Korean Institute of Construction Engineering Management (KICEM) and the Korean-American Construction Engineering and Project Management Association (KACEPMA)*, Seoul, South Korea, July 18, 2017.

Lavy, S., (2016), "Facility management programs at Texas A&M University", *Texas BOMA Board of Directors*, Austin, TX, November 18, 2016.

Lavy, S., (2016), "Facility management programs at Texas A&M University", *IFMA Dallas Fort-Worth Chapter*, Dallas, TX, November 10, 2016.

Lavy, S., (2016), "Facility management programs at Texas A&M University", *IFMA Houston Chapter, Houston*, TX, August 11, 2016.

Lavy, S., (2016), "Facility management programs at Texas A&M University", *IFMA Austin Chapter*, Austin, TX, May 12, 2016.

Lavy, S., (2016), "Facility management programs at Texas A&M University", *TAPPA 2016 Educational Conference & Business Partner Fair*, College Station, TX, April 17-19, 2016.

Lavy, S., (2013), "Facility management: Academic programs at Texas A&M University", *TAPPA 2013 Educational Conference & Business Partner Fair*, South Padre Island, TX, April 13-16, 2013.

Lavy, S., *Dixit, M.*, and *Daniels, P.* (2012), "IFMA + TAMU: Opportunities for collaboration", *IFMA Headquarter*, Houston, TX, July 31, 2012.

Lavy, S. (2012), "Research and teaching facility management", *Interlink 2012: Are You Up to the Challenge?, The 2012 Texas Association of Healthcare Facilities Management Annual Conference*, Arlington, TX, April 29 – May 2, 2012.

Hamilton, D.K., and Lavy, S. (2011), "Hospital area measurement research", *Health Industry Advisory Council, annual meeting*, College Station, TX, November 4, 2011.

Lavy, S. (2011), "Facility management programs at Texas A&M University", *Board of Directors of IFMA San Antonio Chapter*, August 25, 2011.

Lavy, S. (2011), "Facility management programs at Texas A&M University", *Monthly meeting of IFMA Austin Chapter*, May 12, 2011.

Lavy, S. (2011), "Using Key Performance Indicators in healthcare FM: A case study from Israel", *Interlink 2011: Building Bridges through Support, Education, and Collaboration, The Texas Association of Healthcare Facilities Management Annual Conference*, Houston, TX, April 11-14, 2011.

Horlen, J., and Lavy, S. (2010), "Teaching and research in facility management (FM)", *Interlink Vision 2020: Building Leaders in Healthcare, The 2010 Texas Association of Healthcare Facilities Management Annual Conference*, Dallas, TX, April 11-14, 2010.

Non-refereed papers (3 published)

Hamilton, D. K., and Lavy, S. (2018), "Calculating health care spaces: Methodology provides much-needed standardization to the process", *Health Facility Management Magazine*, January/February 2018.

Lavy, S. (2010), "Potential collaboration between TAHFM and Texas A&M University", *Texas Association of Healthcare Facilities Management Newsletter* (the newsletter of the Texas state chapter representing the American Society of Healthcare Engineering and the American Society for Healthcare Environmental Services), June 2010.

Shohet, I. M., Lavy-Leibovich, S., and Bar-On, D. (2003), "Integrated maintenance management of hospital buildings in Israel", *Health Estate Journal* (the magazine of the institute of Healthcare Engineering and Estate Management in the UK), November 2003.

Other publications (3 published)

Research reports – Published

Mann, G., Hamilton, K., and Lavy, S. (2008), *Current practice in the use of the GUIDELINES for 'new construction' vs. 'renovation' criteria: how the Guidelines might be improved for renovation of existing hospitals and healthcare facilities*, Research Report, Center for Health Systems and Design, Texas A&M University, 493261-00001, submitted to the AIA Healthcare Guidelines Revision Committee, Sub-Committee Research and Development.

Shohet, I. M., Lavy-Leibovich, S. (2002), "Integrated maintenance management of hospital buildings", Technical Report, National Building Research Institute, Technion – I.I.T., Haifa, 017-548. (in Hebrew)

Other publications

Atkin, B., Crepaldi, R., Doherty, P., Graça, M., Lavy, S., Nenonen, S., Osayamwen, C., Pienaar, H., Ritter, T., Theriault, M., and Waddell, D. (2022), *FM letter from Sao Paulo: Key reflections on drivers for professional FM Practices*, Forum Internacional de Facility Management, Sao Paulo, Brazil, Aug 12, 2022.

Podcasts (1 recorded)

Published

Lavy, S. (2022), *Building Value Podcast – Episode 38: Facility Management Programs at Texas A&M University*, Cougar USA, Houston, TX, Jan 10. Available at: https://www.youtube.com/watch?v=Xsufb7XDlxk&list=PLcNqT9SBBCO7KlFkNh1QPyvg_hS0FJAfs&index=39.

RESEARCH AND TEACHING GRANTS AND DONATIONS

Research grants and gifts accepted (13 accepted)

2018-2020 – Budzise-Weaver, T., Melgoza, P., and Lavy, S., "Investigating student & faculty departmental spaces through visual ethnography", $42,695 from T3: Texas A&M Triads for Transformation, Texas A&M Libraries' Faculty Research Committee, and Texas A&M Libraries' Library Administration funding, Role: Co-Principal Investigator.

My responsibilities include assisting the Principal Investigators conduct the work, manage data collections, write periodical reports, and other administrative issues as needed.

2013-2020 – Lavy, S., Dixit, M. K., "Enhance Facility Performance Metrics (FPM) that support decision making for primary education (K-12) facilities management", $283,549 from Alpha Facilities Solutions, TAMU account #510557, Role: Principal Investigator.

My responsibilities include conducting the work, managing data collections, writing periodical reports, and other administrative issues as needed.

2015 – Lavy, S., "The use of Building Information Modeling (BIM) for analyzing work order processing times", $12,000 from Broaddus & Associates, TAMU account #444031, Role: Principal Investigator.

The grant provided support for one graduate student for the summer 2015 semester. My responsibilities include reviewing student performance, writing the final report, and other administrative issues as needed.

2012 – Hamilton, K., Lavy, S., "Area calculations and net:gross ratios in hospital design", $1,000 gift from HDR, TAMU account #510557, Role: Co-Principal Investigator.

This grant provided support for one graduate student for the summer 2014 semesters. My responsibilities include reviewing student performance and other administrative issues as needed.

2009-2012 – Lavy, S., "Enhance Facility Performance Metrics (FPM) that support decision making for primary education (K-12) facilities management", $81,927 from Alpha Facilities Solutions, TAMU account #424221, Role: Principal Investigator.

This grant provided support for one graduate student for the academic year 2009-2010 (fall and spring semesters,) fall 2010, summer 2011, and summer 2012 semesters. My responsibilities include advising the student, reviewing student performance, managing data collections, writing periodical reports, and other administrative issues as needed.

2011 – Hamilton, K., Lavy, S., "Area calculations and net:gross ratios in hospital design – phase II", $31,792 from Herman Miller for Healthcare, TAMU account #422952, Role: Co-Principal Investigator.

This grant provided support for one graduate student for the academic year 2011-2012 (fall, spring, and summer semesters.). My responsibilities include reviewing student performance, writing periodical reports, and other administrative issues as needed.

2010 – Hamilton, K., Lavy, S., "Area calculations and net:gross ratios in hospital design, Year 2", $5,000 from the Academy of Architecture for Health Foundation (AAHF), TAMU account #455722, Role: Co-Principal Investigator.

This grant provided support for one graduate student for the summer 2010 semester. My responsibilities include reviewing student performance, writing final report, and other administrative issues as needed.

2010 – Pincus, J., Lavy, S., and Warden, R., "Mount Zion Research Project, Jerusalem, Israel", $2,000 gift from an anonymous donor, Role: Co-Principal Investigator.

2008-2010 – Hamilton, K., Lavy, S., "Area calculations and net:gross ratios in hospital design – phase I study", $105,870 from Herman Miller for Healthcare, TAMU account #422951, Role: Co-Principal Investigator.

This grant provided support for one graduate student for the academic years 2008-2009, 2009-2010, and 2010-2011 (fall and spring semesters,) and for the summer 2009 and summer 2010 semesters. My responsibilities include reviewing student performance, writing periodical reports, and other administrative issues as needed.

2009 – Hamilton, K., Lavy, S., "Review and update of grossing factors and net areas for health facilities", $26,942 from Agnew Peckham and Associates, TAMU account #423331, Role: Co-Principal Investigator.

This grant provided support for one graduate student for the academic year 2009-2010 (fall and spring semesters). My responsibilities include reviewing student performance, writing final report, and other administrative issues as needed.

2009 – Hamilton, K., Lavy, S., "Area calculations and net:gross ratios in hospital design", $9,525 from the Academy of Architecture for Health Foundation (AAHF), TAMU account #455663, Role: Co-Principal Investigator.

This grant provided support for one graduate student for the spring and summer 2009 semesters. My responsibilities included reviewing student performance, and other administrative issues as needed.

2007 – Mann, G., Hamilton, K., Lavy, S., and Rodiek, S., "Determining current practice in the use of the 'Guidelines for new construction vs. renovation criteria' and how the guidelines might be improved in renovation of existing hospitals and healthcare facilities", $24,552 from AIA Healthcare Guidelines Revision Committee, Research and Development Sub-Committee, TAMU account #493261, Role: Project Director.

This grant provided support for one graduate student for the spring 2008 semester and for the fall 2008 semester. My responsibilities included advising the student, reviewing student performance, managing data collection, writing final report, and other administrative issues as needed.

2006 – Lavy, S., "Protecting medical facilities from terror threats: principles of design, construction, and operation", $4,900 from the College Research and Interdisciplinary Council (CRIC), College of Architecture, Texas A&M University, Principal Investigator.

This grant provided support for one graduate student for the summer 2006 semester. My responsibilities included advising the student, reviewing student performance, and other administrative issues as needed.

Teaching grants accepted (3 accepted)

2023 – Lavy, S., "Asset Life Cycle Project Chevron Portfolio", $25,000 from Sodexo, TAMU account #510557, Role: Principal Investigator.

My responsibilities include conducting the work, managing data analysis, managing the student hired to contribute to the work, and other administrative issues as needed.

2011 – Lavy, S., "COSC 670: Class project with Clear Lake Regional Medical Center", $1,500 from the Texas Association of Healthcare Facilities Management (TAHFM), TAMU account #510557, Role: Principal Investigator.

2007 – Bolton, R., and Lavy, S., "Creation of original 'Resource Pages' for the Operations and Maintenance section of the Whole Building Design Guide portal", $5,000 from the National Institute of Building Sciences (NIBS), TAMU account #510557, Role: Co-Principal Investigator.

PROFESSIONAL SERVICE ACTIVITIES

Professional membership and fellowship

Member, *American Society of Civil Engineers* (M.ASCE) – since 2006

Member, *International Facility Management Association* (IFMA) – since 2006

Member, *American Society of Healthcare Engineering* (ASHE) – since 2006

Member, *International Council for Research and Innovation in Building and Construction (CIB)*, member in Working Commission W070 – Facilities Maintenance and Management – since 2007

Member, *American Society for Engineering Education* (ASEE) – since 2008

Member, *Texas Association of Healthcare Facilities Management* (TAHFM) – since 2012

Roles in scholarly publications and committees

Editorial

Co-Editor for *Facilities* (since September 2012)

Associate Editor for *Facilities* (2011-2012)

North America Regional Editor for *Facilities* (2010-2011)

Peer-reviewed journals

Member on the Editorial Advisory Board of *Facilities* (2010)

Reviewer for *Construction Management and Economics* (since 2005)

Reviewer for *Facilities* (since 2006)

Reviewer for *Building and Environment* (since 2008)

Reviewer for the ASC *International Journal of Construction Education and Research* (since 2008)

Reviewer for the *Journal of Construction in Developing Countries* (since 2009)

Reviewer for the AIC journal of *The American Professional Constructor* (since 2009)

Reviewer for the *International Journal of Strategic Property Management* (since 2010)

Reviewer for *Automation in Construction* (since 2010)

Reviewer for the ASCE *Journal of Performance for Constructed Facilities* (since 2010)

Reviewer for the ASCE *Journal of Management in Engineering* (since 2011)

Reviewer for *Building Research and Information* (since 2011)

Reviewer for the *Journal of Facilities Management* (Since 2015)

Reviewer for *Sustainable Cities and Society* (since 2017)

Reviewer for *Applied Sciences* (Since 2021)

Reviewer for the *Journal of Building Engineering* (since 2022)

Reviewer for the *Egyptian Informatics Journal* (Since 2022)

Reviewer for *Construction and Innovation* (since 2023)

Reviewer for the *International Journal of Building Pathology and Adaptation* (Since 2024)

Reviewer for the *Journal of Civil Engineering and Management* (Since 2024)

Reviewer for *Open Research Europe* (Since 2025)

Reviewer for *Engineering, Construction and Architectural Management* (Since 2026)

Reviewer for *Health Environments Research & Design Journal* (Since 2026)

Peer-reviewed conference proceedings and conference scientific/organizing committees

Member of the Scientific Committee, *V Transdisciplinary Workplace Research (TWR) Conference 2026*, Zurich, Switzerland (September 2026)

Reviewer for the *2026 4th International Symposium on Civil, Environmental, and Infrastructure Engineering (ISCEIE 2026)*, Universitas Muhammadiyah Yogyakarta, Yogyakarta, Indonesia (August 2026)

Member of the Scientific Committee, *EuroFM Research Symposium 2025*, Trondheim, Norway (December 2025)

Member of the International Scientific Committee, *CIB World Building Congress 2025*, Purdue University, West Lafayette, IN (May 2025)

Member of the Scientific Committee, *TWR Transdisciplinary Workplace Research Conference 2024*, Edinburgh, Scotland (September 2024)

Head of the International Scientific Committee, *CIB-ISO 2023: The CIB W70 Conference on Facility Management and Maintenance*, Trondheim, Norway (May 2023)

Member of the Scientific Committee, *TWR Transdisciplinary Workplace Research Conference 2022*, Milan, Italy (September 2022)

Reviewer for the *9th International Conference on Construction Engineering and Project Management (ICCEPM 2022)*, Las Vegas, NV (Jun 2022)

Member of the Scientific Committee, *TWR Transdisciplinary Workplace Research Conference 2020*, Weimar, Germany (September 2020)

Member of the Scientific Committee, *CIB World Building Congress 2019*, Hong Kong, China (June 2019)

Member of the Scientific Committee, *European Facility Management Conference*, Dublin, Ireland (June 2019)

Reviewer for the *2019 Associated Schools of Construction Annual International Conference*, Denver, CO (April 2019)

Member of the Scientific Committee, *European Facility Management Conference*, Sofia, Bulgaria (June 2018)

Reviewer for the *2018 Associated Schools of Construction Annual International Conference*, Minneapolis, MN (April 2018)

Organizing Committee Member for the *World HealthCare Summit 2018*, Orlando, FL (March 2018)

Reviewer for the *International Facility Management Association (IFMA) World Workplace 2017 – Academic and Research (A&R) Track*, Houston, TX (October 2017)

Member on the Scientific Committee and reviewer for *the International Research Conference 2017*, University of Salford, Salford,, United Kingdom (September 2017)

Member on the Scientific Committee and reviewer for the *2017 International Conferences of Maintenance and Rehabilitation of Constructed Infrastructure Facilities (2017 MAIREINFRA)*, International Society for Maintenance and Rehabilitation of Transportation Infrastructures (iSMARTi), Seoul, South Korea (July 2017)

Reviewer for the *2017 Associated Schools of Construction Annual International Conference*, Seattle, WA (April 2017)

Reviewer for the *CIB World Building Congress 2016*, Tampere, Finland (May-June 2016)

Reviewer for the *2016 Associated Schools of Construction Annual International Conference*, Provo, UT (April 2016)

Reviewer for the *International Facility Management Association (IFMA) World Workplace 2015 – Academic and Research (A&R) Track*, Denver, CO (October 2015)

Reviewer for the *2015 Associated Schools of Construction Annual International Conference*, College Station, TX (April 2015)

Member on the Scientific Committee and reviewer for the *Joint CIB W070, W111 & W118 Conference on Using Facilities in an Open World – Creating Value for All Stakeholders*, Copenhagen, Denmark (May 2014)

Reviewer for the *2014 Associated Schools of Construction Annual International Conference*, Virginia Tech, VA (April 2014)

Reviewer for the *120th American Society for Engineering Education Annual Conference and Exposition*, Atlanta, GA (June 2013)

Reviewer for the *2013 Associated Schools of Construction Annual International Conference*, San Luis Obispo, CA (April 2013)

Member on the Scientific Committee and reviewer for the *Joint CIB W070, W092 & TG72 on Facilities Management, Procurement Systems and Public Private Partnership*, Cape Town, South Africa (January 2012)

Member on the Scientific Committee and reviewer for the *CIB-W70 2010 International Conference in Facilities Management*, Sao Paulo, Brazil (September 2010)

Reviewer for the *Associated Schools of Construction 46th Annual International Conference*, Boston, MA (April 2010)

Reviewer for the *2009 American Society for Engineering Education Annual Conference and Exposition*, Austin, TX (June 2009)

Reviewer for the *Associated Schools of Construction 45th Annual International Conference*, Gainesville, FL (April 2009)

Member on the Scientific Committee and reviewer for the *CIB-W70 2008 International Conference in Facilities Management*, Edinburgh, UK (June 2008)

Other

Reviewer, *Tenure and Promotion Package* for the Purdue Polytechnic Institute, Purdue University, West Lafayette, Indiana (August 2026)

Reviewer, *Promotion Package* for the City University of Hong Kong, Hong Kong, China (November 2025)

Reviewer, *Tenure and Promotion Package* for the Virginia Polytechnic Institute and State University (Virginia Tech), Blacksburg, Virginia (November 2024)

Program Evaluator (PEV), Accreditation Board for Engineering and Technology, Inc. (ABET) Accreditation team visit to Temple University, Philadelphia, Pennsylvania (October 2023)

Reviewer, *Tenure and Promotion Package* for the Georgia Institute of Technology (Georgia Tech), Atlanta, Georgia (July 2023)

Member, American Council for Construction Education (ACCE) Accreditation team visit to Eastern Michigan University, Ypsilanti, Michigan (October 2022)

Reviewer, *Tenure and Promotion Package* for the University of North Carolina, Charlotte, North Carolina (October 2021)

Reviewer, *Tenure and Promotion Package* for Kent State University, Kent, Ohio (October 2021)

Reviewer, *Promotion Package* for the Purdue Polytechnic Institute, Purdue University, West Lafayette, Indiana (July 2021)

Member, American Council for Construction Education (ACCE) Accreditation team visit to University of Arkansas, Little Rock, Remote visit (April 2021)

Program Evaluator (PEV), Accreditation Board for Engineering and Technology, Inc. (ABET) Accreditation team visit to Ferris State University, Remote visit (January 2021)

Reviewer, *Tenure and Promotion Package* for the Merrimack College, North Andover, Massachusetts (January 2021)

Reviewer, *Promotion Package* for the Hong Kong Polytechnic University, Hong Kong, China (November 2020)

Reviewer, *Tenure and Promotion Package* for the University of North Carolina, Charlotte, North Carolina (October 2020)

Reviewer, *Mid-term Review Package* for the Georgia Institute of Technology (Georgia Tech), Atlanta, Georgia (November 2019)

Observer, Accreditation Board for Engineering and Technology, Inc. (ABET) Accreditation team visit to Pittsburg State University (October 2019)

Member, American Council for Construction Education (ACCE) Accreditation team visit to Clemson University (March 2019)

Reviewer, *Promotion Package* for the Hong Kong Polytechnic University, Hong Kong, China (November 2018)

Reviewer, *Evaluation of Research Outputs* for the Department of Building Services Engineering, Faculty of Construction and Environment, the Hong Kong Polytechnic University, Hong Kong, China (October 2018)

Reviewer, *Tenure and Promotion Package* for the Virginia Polytechnic Institute and State University (Virginia Tech), (September 2016)

Member-in-Training, American Council for Construction Education (ACCE) Accreditation team visit to Colorado State University (October 2015)

Expert panel member, *Facility Management Competences 2015-2019*, National Park Services (NPS), Institute for Parks and Public Lands, Indiana University (September 2015)

Panel member, *BIM and FM*, National Facility Management and Technology Annual Conference, Baltimore, MD, March 15-17, 2011

Reviewer, Evaluation of Research Proposals for the *Deanship of Scientific Research*, King Fahd University of Petroleum and Minerals, Saudi Arabia (March 2011)

Panel member, *FY 2011 Research Center Grant Program*, Idaho State Board of Education (February 2010)

Panel member, *Academic Research Infrastructure Program: Recovery and Reinvestment Act – Biological, Microbiological, and Neuroscience*, National Science Foundation, Arlington, VA (October 2009)

Committee participation

Professional organizations/Academic institutions other than Texas A&M University

Member, Standards Committee, American Council for Construction Education (ACCE) (2017-present)

Member, U.S. Technical Advisory Group (US TAG) to the International Standards Organization (ISO), Task Committee (TC) 267: Facility Management, American National Standards Institute (ANSI) (2022-present)

Member, Board of Trustees, American Council for Construction Education (ACCE) (2022-present)

Member, Board of Studies, School of Architecture and Planning, Woxsen University, Hyderabad, India (2022-present)

Liaison, Task Committee (TC) 323: Circular Economy, International Standards Organization (ISO) (2024-present)

Member, Board of Trustees, International Facility Management Association (IFMA) Foundation (2025-present)

Joint-Coordinator, CIB-W070: Facilities Management and Maintenance Working Commission, International Council for Research and Innovation in Building and Construction (CIB) (2023-2026)

Officer – Secretary, Executive Board Member, American Council for Construction Education (ACCE) (2023-2026)

Member, Guidance Committee, American Council for Construction Education (ACCE) (2019-2025)

Board Member, Facility Management Accreditation Commission (FMAC), IFMA Foundation (2016-2018)

Past President and Council Board Member, Health Care Council, International Facility Management Association (IFMA) (2021-2023)

President and Council Board Member, Health Care Council, International Facility Management Association (IFMA) (2019-2021)

Member, International Standards Organization (ISO), Task Committee 267, Facility Management Sub-Committee (2016-2018)

Co-Chair, Finance Committee, Facility Management Accreditation Commission (FMAC), IFMA Foundation (2016-2020)

Academic Advisor, Board of Trustees, IFMA Foundation (2016-2018)

University

Member, Search Committee for the Dean of the College of Architecture, TAMU (AY 2024/25)

Member, Deferred Maintenance Subcommittee, TAMU (2012-2022)

Chair, Sustainability and Environmental Management Committee, TAMU (AY 2015/16)

Vice Chair, Sustainability and Environmental Management Committee, TAMU (AY 2014/15)

Member, Sustainability and Environmental Management Committee, TAMU (2010-2018)

Member, Solid Waste Minimization (SWM) Program Committee, TAMU (2015-2018)

Member, Search Committee for the Dean of the College of Architecture, TAMU (AY 2007/08)

Panel member, "What I wish I had known in my first year as a faculty member," organized by the Dean of Faculties at New Faculty Orientation Day (August 2007)

College

Member, College Tenure and Promotion Committee (2022-2025)

Member, Center for Health Systems and Design Council (2011-2026)

Member, Facility Management Certificate Council (2007-2023)

Member, College Award Nominations and Professorship Applications (2017-2019)

Chair, Outstanding Alumni Selection Committee (2018)

Member, College Research Interdisciplinary Committee (CRIC) (2013-2017)

Member, Academic Affairs Committee (2010-2016)

Member, Search Committee for a Department Head for the Department of Architecture

(2015-2016)

Member, Board of Directors of the CRS Center for Leadership and Management in the Design and Construction Industry (2006-2015)

Member, Ad-Hoc Committee to recommend the future of the Master of Science in Land and Property Development (2014)

Member, J. Thomas Regan Interdisciplinary Faculty Prize Selection Committee (2011)

Member, HIAC Membership Task Force, Center for Health Systems and Design (2011)

Member, College International Affairs Council (2008-2011)

Member, Search Committee for the Construction Science Department Head (2006-2007)

Member, Publications Committee (2006-2007)

Department

Chair, Assessment and Accreditation Committee, TXST University (2026-present)

Chair, Department Promotion and Tenure Committee (2019-2021)

Chair, Graduate Instruction Committee (2011-2015)

Chair, Search Committee (2014-2015)

Chair, Peer-Teaching Evaluation Sub-Committee (2016)

Ad-hoc Member, Department Promotion and Tenure Committee (2022-2023)

Member, Department Promotion and Tenure Committee (2025-2026; 2013-2015)

Member, Executive Committee (2008-2018)

Member, Search Committee (2015-2016, 2011-2012, 2007-2009, 2005-2006)

Member, Graduate Instruction Committee (2009-2011)

Member, Graduate Operations Committee (2006-2009)

Member, Ph.D. Proposal Development Committee (2006-2007)

Assessment Advisor (2022-2023)

Other

Primary Advisor, Students Supporting Israel Student Chapter, TAMU (2021-2026)

Mentor to junior faculty members in Construction Science, TAMU (2011-2026)

Primary Advisor, Facility Management Student Chapter, TAMU (2007-2015)

Primary Advisor, Construction Management Association of America (CMAA) Student Chapter, TAMU (2011-2014)

Coordinator, Tenure-Track Faculty Group, TAMU (2009-2011)

Secondary Advisor, Texas A&M Post Graduate Built Environment Research (CIB) Student Chapter (2008-2010)

Secondary Advisor, Construction Management Association of America (CMAA) Student Chapter and Student Competition Team, TAMU (2007-2008)

Secondary Advisor, Facility Management Student Chapter, TAMU (2005-2007)