

Ihab M.K. Elzeyadi, Ph.D., LEED^{AP}

Professor of Architecture and Building Science

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- 2001 Doctor of Philosophy in Architecture (Ph.D.), The University of Wisconsin-Milwaukee.
Dissertation title: "Ten Palaces Tell their Stories: Environmental Quality Assessment of Offices Inside Adaptively Reused Historical Palaces." Published Dissertation - UMI #072699
- 1996 Master of Science in Architecture (M.Sc.), The Pennsylvania State University.
- 1990 Professional Certificate in Project and Facility Management (C.P.M.), American University in Cairo.
- 1990 Graduate Diploma in Architectural Engineering (Dipl. Eng.), Ain Shams University - Cairo.
- 1988 Bachelor of Architecture (B. Arch.), Ain Shams University-Cairo (Dean's Honor & Distinction in B.Arch. Thesis).

Academic Positions

- 2017-Date Full Professor of Architecture, University of Oregon, Eugene, OR, USA
- 2007-Date Founding Director, High Performance Environments Laboratory, University of Oregon, Eugene, OR, USA
- 2025-2026 Director, Rome Study Abroad Program, University of Oregon, Rome, Italy
- 2018-2022 Director of Graduate Studies in Architecture, University of Oregon, Eugene, OR, USA
- 2019-2022 Director, Rome Study Abroad Program, University of Oregon, Rome, Italy
- 2007-2016 Associate Professor of Architecture, University of Oregon, Eugene, OR, USA
- 2007-2008 Director, Rome Study Abroad Program, University of Oregon, Rome, Italy
- 2001-2007 Assistant Professor of Architecture, University of Oregon, Eugene, OR, USA
- 1999-2001 Instructor, Energy Design Resources, California Energy Commission, Sacramento, CA, USA
- 1998-1999 Instructor, The School of Architecture and Urban Planning, University of Wisconsin-Milwaukee, Milwaukee, WI, USA
- 1997-1998 Ford Foundation Research Fellow, The American Research Center in Egypt
- 1995-1997 Teaching Fellow, The School of Architecture and Urban Planning, University of Wisconsin-Milwaukee, WI, USA
- 1994-1995 USAID Research Fellow, Penn State University, University Park, PA

Professional Positions

- 2008-Date Principal, Innovative Environments, LLC., Eugene, OR, USA
- 2001-2008 Associate Principal, Integrated Design iD Consult, Cairo, Egypt
- 1999-2001 Project Manager, Hesong Mahone Group, Sacramento, CA, USA
- 1997-1998 Project Architect, Fulbright Binational Commission
- 1988-1994 Senior Architect, Engineering Consultants Group (ECG), Cairo, Egypt
- 1988-1998 Free Lance Architect & Interior Designer, Ihab Elzeyadi Designs, Cairo, Egypt
- 1987-1988 Intern Architect, Helmut, Gieger & Jahn - Karlsruhe, Germany
- 1986-1987 Intern Site Architect SOGEA - Cairo, Egypt - Metro Project, Cairo, Egypt
- 1985-1986 Intern Site Architect, YHCC - Cairo, Egypt - Cairo, Egypt
- 1984-1985 Draftsman, Maghlouf Engineering Group - Cairo, Egypt

Registrations and Certifications

1998-Date: Registered Architect & Engineer (Egypt #9086)
 2011-Date: LEED^{AP} BD+C, Building Design + Construction (GBCI# : 0010456171)

Leadership Positions

2007-Date: Founding Director, High Performance Environments Lab (HiPE), University of Oregon
 2012-Date: Director, Facade Integrated Technologies Facility (FIT), University of Oregon
 2008-Date: Principal, Innovative Environments, LLC
 2025-Date: Director - Rome Architectural Program, Department of Architecture, University of Oregon, Rome, Italy
 2024-Date: Vice-President/President-Elect. Architectural Research Centers Consortium (ARCC)
 2023-Date: Chair, Awards Committee, Architecture Research Centers Consortium, USA
 2019-Date: Board Member, Net-Zero Energy Fellowship, Energy Trust of Oregon
 2023-2024: Conference Chair, EDRA55: Human-Centric Environments, Portland, OR, June 19-22, 2024
 2019-2024: Director-At-Large, Architecture Research Centers Consortium (ARCC)
 2019-2022: Director - Rome Architectural Program, Department of Architecture, University of Oregon, Rome, Italy
 2019-2022: Voting Member (Elected) - Graduate Council, The Graduate School, University of Oregon
 2018-2022: Director of Graduate Studies, School of Architecture and Environment, University of Oregon
 2018-2022: Chair, Graduate Studies Committee, Department of Architecture, University of Oregon, Eugene, OR
 2018-2022: Member, Architecture Administrative Council, Department of Architecture, University of Oregon, Eugene, OR
 2017-2019: Chair, Faculty Personnel Committee, Department of Architecture, University of Oregon, Eugene, OR
 2012-2014: President, Society of Building Science Educators (SBSE)
 2007-2008: Director - Rome Architectural Program, Department of Architecture, University of Oregon, Rome, Italy.
 1999-2001: Project Manager, Heschong Mahone Group, Sacramento, CA.
 1990-1994: Project Architect - Team Captain, Engineering Consultant Group, SA - Cairo, Egypt

HONORS AND AWARDS

Research Honors and Awards

Granting Organization, Title, Scope (international, national, regional, local), Date

2025	US Department of Energy, Outstanding Faculty Award (International)
2025	US Department of Energy, Buildings Next Showcase, Best Design Integration Award (International)
2024	US Department of Energy, Solar Decathlon Competition, Best Collaboration Award (International)
2023	Tinker Hatfield Award for Innovation, College of Design, University of Oregon (Local)
2023	Best Paper Award, EDRA 53 Conference. Health in All Design (International)
2019	Energy Trust of Oregon - Net-Zero Buildings Fellow (National)
2012	Research Commendation Award, World Congress for Design and Health (International)
	Research Excellence Award, International Building Technologies Conference, Riyadh, Saudi Arabia (International)
2010	Research Application Award. American Institute of Architects (National)
2009	Best Paper Award, Passive and Low Energy Architecture (PLEA) (International)
	Research Excellence Award, Mulvanny G2 Architects (Local)
2008	Summer Research Award, University of Oregon (Local)
2005	Faculty Fellow, Oregon Survey Research Lab (OSRL), University of Oregon (Local)
	AA&A Foreign Travel Award, University of Oregon (Local)
2004	APRU Fellowship, The Association of Pacific Rim Universities (APRU) (International)
2002	Faculty Research Summer Award, Faculty Research and Development, University of Oregon (Local)
1999	SARUP Research Award, Center for Architecture and Urban Planning, University of Wisconsin.
1998	Ford Fellow, American Research Center in Egypt (International)
	Fulbright Fellow, Binational Fulbright Commission Advisory Committee (National)
	Academic Fellow, Historic Cairo Preservation Working Committee, Cairo, Egypt (International)
1997	First Place, Graduate Research Award, The Pennsylvania State University, Annual Research Competition (Local)
	Research Award, International Facility Management Association (IFMA), Southeastern Wisconsin Chapter (Local)
	Haworth Research Award, IFMA Foundation/Haworth Discovery Institute Research Awards (International)
	CAUPR Research Award, School of Architecture and Urban Design, University of Wisconsin (Local)
1996	First Place, Vital Signs Case Study Competition Award, University of California-Berkeley (National)
	CAUPR Research Award, School of Architecture and Urban Design, University of Wisconsin-Milwaukee (Local)
	Gaylord Nelson Research Award in Sustainable Design, Earth Day, University of Wisconsin-Milwaukee (Local)
1993	Traveling Award, Engineering Consultants Group, Cairo – Egypt (Local)
1988	Academic Distinction Award, Egyptian Society of Architects, Cairo – Egypt (National)
	Best B.Arch. Project, Society of Architectural Engineers, Cairo – Egypt (National)
	Honor of Scientific Distinction, Heliopolis Sporting Club, Cairo – Egypt (Local)
1983	Academic Achievement Award, Heliopolis Rotary, District 2450 (National)

Teaching Honors and Awards

2025	AIA Medal for Academic Excellence (American Institute of Architects) – Sherif Abdelahamid, M.Arch.
2025	US Department of Energy, Buildings Next Showcase, Honorable Mention Commercial Buildings (International)
2024	US Department of Energy, Solar Decathlon Competition, Second Place Award, Commercial Projects Division
2023	Unthank Studio Award, School of Architecture and Environment, University of Oregon (Local).
2023	ARCC King Medal Award: Nasrin Golshany (International).
2022	Semi-Finalist Award, US Department of Energy / Solar Decathlon Design Competition, Educational & Commercial Buildings Division, 2022 (International).

- 2021 First Place: US Department of Energy / Solar Decathlon Design Competition Grand Jury Award: Solar Decathlon Design Competition: First Place Gold winner Schools Division and Grand Jury Award: Lauren Benett, Jared Levie, and Kyle White (International).
- 2021 ARCC King Medal, Niyati Naik
- 2020 US Department of Energy / Solar Decathlon Design Competition, Grand Jury Award.
- 2020 First Place Gold winner: US Department of Energy, Solar Decathlon Design Competition (International).
- 2020 Dissertation Fellowship Award - University of Oregon: Niyati Naik (Local).
- 2018 IESNA New York Chapter, Lighting Research Award, Belal Abboushi (International).
- 2018 Kuwait Foundation for the Advancement of Science Award: Sadiqa Al Awadh (National).
- 2017 ARCC King Medal for Excellence in Architectural Research: Belal Abboushi (International).
- 2017 Dissertation Fellowship Award - University of Oregon: Belal Abboushi (Local).
- 2016 IES Scholarship Richard Kelly Award - Belal Abboushi, Advisor for a Ph.D. student-led project and grant: "Predicting Occupants' Preference, Visual, and Thermal Comfort from Solar Patterns Distribution in Office Buildings." (International).
- 2016 Robert L. Thompson/TVA Architects Award - Design Studio Award for Resilient Eugene (Local).
- 2015 ACSA/AIA COTE Top 10 Student Competition: Gabrielle Steffel, Faculty Advisor and design studio professor for two out of the top 10 AIA COTE awards for students, national design competition, and awards administered by the American Institute of Architects, Committee on the Environment (AIA COTE) (International).
- 2015 ACSA/AIA COTE Top 10 Student Competition: Robert Larson, Faculty Advisor and design studio professor for two out of the top 10 AIA COTE awards for students, national design competition and awards administered by the American Institute of Architects, Committee on the Environment (AIA COTE) (International).
- 2014 IES Scholarship - Shane O'Neil, Advisor for a graduate student-led project and grant: "Assessing Occupant Energy Behavior from a Perception-action Cycle in Sustainable Buildings." (National).
- 2008 Sustainable Living Funds Prize & Grant: The Center for the Advancement of Sustainable Living (CASL), Funds received through a competitive grant by a multidisciplinary student group working towards creating a sustainable living demonstration house at the University of Oregon (Local).
- 2006 Faculty Educational Technology Awards, University of Oregon (Local)
- 2005 French First Prize: UIA International Student Competition. "Creating Space in Extreme Conditions." T.J. Bates, Justin Helm, and Kai Liang, undergraduate Architecture, and faculty advisor Ihab Elzeyadi. First place among 900 entries (International).
- 2004 First place: RIBA International Student Competition. "An Energy Revolution: Solution for Sustainable Urban Communities." Manchester - United Kingdom Joshua Chang, Tyson Gillard, and Thomas Kosbau, undergraduate architecture, University of Oregon. Ihab Elzeyadi, faculty advisor. First among 113 International entries (International).
- 2004 Teaching Effectiveness Award, University of Oregon. "Awakening Scholars" (Local)
- 2003 First place: Luraline International Luminaire Competition with students Cynthia Quade & Sarah Burke, graduates of architecture & interior architecture. Ihab Elzeyadi, faculty advisor for a hospitality luminaire with open-ended configurations. There were 250 entries from North America (National).

RESEARCH, SCHOLARSHIP, AND CREATIVE PRACTICE

PUBLICATIONS

Books (Peer-Reviewed)

1. **Elzeyadi, I.** (Under Review). *Net-Zero Schools Design Toolbox*, NY: Routledge, Taylor & Francis Group, 2026 (84,569 words).
2. **Elzeyadi, I.** and Kader, S. (Editors) (2025): *Human-Centric Environments*. EDRA 55: Proceedings of the 55th Annual Conference of the Environmental Design Research Association. Washington, DC – USA, [ISBN 979-8-9855428-4-4](#).
3. **Elzeyadi, I.** (2024). *Net-Zero Schools: From Process to Impacts*. Energy Trust Press: Portland, OR.
https://www.energytrust.org/wp-content/uploads/2022/12/200227_SCHOOL-ANALYSIS-FINAL-BOOK-pubfinal7.pdf

Books (Non-Peer-Reviewed)

1. **Elzeyadi, I.** (2020). *Net-Zero Schools: A Design Patterns Book*. Eugene, OR. Available here: https://cpb-use1.wpmucdn.com/blogs.uoregon.edu/dist/3/17462/files/2020/03/200227_SCHOOL-ANALYSIS-FINAL-BOOK-pubfinal7.pdf

Journal Articles (Peer-Reviewed)

1. **Elzeyadi, I.** and Gatland, S. (In Review). Quantifying the Impacts of LEED™-Certified Buildings on Indoor Environmental Quality and Occupants' Multi-Comfort – a Longitudinal Pre and Post-Occupancy Field Study.
2. **Elzeyadi, I.**, Malekafzali, A., Golshany, N., and Gatland, S. (In Review). Gradient Dynamic Facades: A Comparative Analysis of Electrochromic Glazing Patterns' Impacts on Occupants' Visual Comfort. Submitted to: *Journal of Building and Environment*.
3. Golshany, N, and **Elzeyadi, I.** (2026). Measuring the Impacts of Indoor Spatial Lighting Patterns and Correlated Color Temperature on Perception and Cognitive Performance of Older Adults. *Journal of Building and Environment*. DOI: <https://doi.org/10.1016/j.buildenv.2026.114499>
4. Golshany, N, and **Elzeyadi, I.** (2025). The Impact of Spatial Light Patterns on Environmental Perception, Mood, and Preference of Older Adults in Assisted Living Facilities. *LEUKOS, The Journal of the Illumination Engineering Society*. DOI: <https://doi.org/10.1080/15502724.2024.2440496>
5. Al Awadh, S., **Elzeyadi, I.**, & Nubani, L. (2025). An Occupant-Centric Approach to Assess the Impacts of Building Geometry Parameters on Circadian Light Design: A View-Based Isovist Analysis. *Journal of Green Buildings*, 20:2, pp. 23-54. DOI: [10.3992/jgb.20.2.23](https://doi.org/10.3992/jgb.20.2.23)
6. Naik, N., **Elzeyadi, I.**, Minson, C.T., Lee, J-H. (2023). Significance of Dynamic over Static Solar Screens on Thermal Pleasure under Different Sky Conditions. *Journal of Building and Environment*, Volume 234, 110153. DOI: <https://doi.org/10.1016/j.buildenv.2023.110153>
7. Naik, N., **Elzeyadi, I.**, and Cartwright, V. (2022). Intelligent Facades: Dynamic Solar Screens for High-Performance Buildings- A Critical Review. *Architecture Science Review*, 65:3, 217-231. DOI: <https://doi.org/10.1080/00038628.2022.2063248>
8. Glean, A., Gatland, S., **Elzeyadi, I.** (2022). Visualization of Acoustic Comfort in an Open Plan High-Performance Glass Building. *Buildings* 12(3), 338; DOI: <https://doi.org/10.3390/buildings12030338>
9. Naik, N., **Elzeyadi, I.**, Minson, C. & Lee, J. (2021). Thermal pleasure inside solar screened spaces: an experimental study to explore alliesthesia in architecture. *Building Research & Information*, 49:7, pp. 795-812. DOI: <https://doi.org/10.1080/09613218.2021.1934377>
10. Abboushi, B.; **Elzeyadi, I.**; Van Den Wymelenberg, K.; Taylor, R.; Sereno, M. & Jacobsen, G. (2021). Assessing the Visual Comfort, Visual Interest of Sunlight Patterns, and View Quality under Different Window Conditions in an Open-Plan Office. *LEUKOS, The Journal of the Illumination Engineering Society*, 17:4, pp. 321-337. DOI: <https://doi.org/10.1080/15502724.2020.1785309>
11. Naik, N. & **Elzeyadi, I.** (2020). Investigating the impacts of Solar Screens on Occupants' Thermal Comfort: An Observational Field Study. *ASHRAE Transactions*, 126 (1)
12. Abboushi, B.; **Elzeyadi, I.**; Taylor, R. & Sereno, M. (2019). Fractals in Architecture: The Visual Interest and Mood Response to Projected Light Patterns in Interior Spaces. *Journal of Environmental Psychology*, 61, pp. 57-70. DOI: <https://doi.org/10.1016/j.jenvp.2018.12.005>

13. **Elzeyadi, I.** (2017). The impacts of dynamic façade shading typologies on building energy performance and occupants' multi-comfort. *Architectural Science Review*. 60:4, pp. 316-324. DOI: <https://doi.org/10.1080/00038628.2017.1337558>
14. **Elzeyadi, I.** (2015). A Tribute to Performance Arrows: Designing for Better Indoor Environmental Quality. In: Thought and Leadership in Green Buildings Research 2015. *Greenbuild Journal 2015: Monumental Green*. Washington, DC: USGBC Press. (< 5% acceptance rate).
15. **Elzeyadi, I.** (2013). 20/20: Evidence-Based Deep Retrofit Strategies for Smart Schools. In: Thought and Leadership in Green Buildings Research, *Greenbuild Journal 2013*. Washington, DC: USGBC Press. (< 8% acceptance rate).
16. **Elzeyadi, I.** (2012a). Quantifying the Impacts of Green Schools on People and Planet: Thought and Leadership in Green Buildings Research, *Greenbuild Journal 2012*. Washington, DC: USGBC Press.
17. **Elzeyadi, I.** (2012b). Salutogenic Environments: Health and Healing Impacts of Daylighting in the Workplace. *World Health Design Journal*. July 2012, pp. 60-67.
18. **Elzeyadi, I.** (2012c). Post-occupancy evaluation: A design, operations, and performance assessment of a LEED Platinum building. *World Health Design Journal*. January 2012, pp. 60-69.
19. **Elzeyadi, I.** (2011). Daylighting-Bias and Biophilia: Quantifying the Impacts of Daylighting on Occupants' Health." Thought and Leadership in Green Buildings Research, *Greenbuild Journal 2011*. Washington, DC: USGBC Press.
20. **Elzeyadi, I.** (2008). Green Classroom Retrofit Toolbox (GCRT): Evidence-Based Design Guidelines to Adapt K-12 School Facilities for Climate Change. *AIA Report on University Research*, Vol. 4, pp. 142-163. Washington, DC: American Institute of Architects.
21. El-Habashi, A. & **Elzeyadi, I.** (1998). Consuming built patrimony, social perspectives, and preservation strategies in modern Cairo: a chronological cross-disciplinary analysis. *Traditional Dwellings and Settlements - Working Paper Series*. Vol. (101): Manufacturing Heritage Through Policies of Preservation. Berkeley, CA: Center for Environmental Design Research.
22. **Elzeyadi, I.** (1997). A tale of two houses: Environmental quality, sustainability, and indoor comfort inside Hassan Fathy's Mit Rehan and a contemporary villa in Cairo, Egypt. Vital signs: Case Study Library [On-line serial]- Location: http://www.ced.berkeley.edu/cedr/vs/workup/two_houses/Default.htm (First Prize winner juried research paper in an international competition).

Book Chapters (Peer-Reviewed)

1. **Elzeyadi, I.** (2024): Ambiance a' la Rapoport: Indoor Environmental Quality and its Profiles, Chapter 13, In K. Silva and N. Fernando (eds.); *Theorizing Built Form and Culture: The Legacy of Amos Rapoport*. Routledge Research in Architecture Series. ISBN 9781032437347 <https://doi.org/10.4324/9781003372110-17>
2. **Elzeyadi, I.** (2022). The Salutogenic Office: Indoor environmental quality architecture for health and wellbeing. In: A. Dilani and K. Yeang (eds.); *Ecological and Salutogenic Design*. UK: Cambridge Scholars Publishing. ISBN: 1-5275-7992-1, ISBN13: 978-1-5275-7992-7.
3. Alawadh, S. & **Elzeyadi, I.** (2020). Atrium Design and the Science of Daylighting: A Comparative Field Study. In A. Bumajdad et al. (eds.); *Gulf Conference on Sustainable Built Environment*, pp. 383-399. Switzerland: Springer. https://doi.org/10.1007/978-3-030-39734-0_22
4. IESNA* (2020). RP-5-13 -20 Updated: Recommended Practice for Daylighting Buildings - Illumination Engineering Society (IES) Publication, NY.* Editorial and contributing author as part of my role in the IES Daylighting Committee.
5. **Elzeyadi, I.** (2018). A Comparative Analysis of Predictive and Actual Performance of High Performance LEED Buildings. In W. Prieser, U. Schramm & A. Hardy (eds.), *Building Performance Evaluation: From Delivery Process to Life Cycle Phases* (Second Edition), pp. 209-222. NY: Springer. https://doi.org/10.1007/978-3-319-56862-1_16
6. **Elzeyadi, I.** (2017). Multi-Performance Spaces: Assessing The Impacts of An Innovative LEED Platinum Educational Complex on The Triple Bottom Line. In: W. Prieser and A. Hardy (eds.), *ADAPTIVE ARCHITECTURE: CHANGING PARAMETERS AND PRACTICE*, pp. 34-43, UK: Routledge. Taylor & Francis Group. <https://doi.org/10.4324/9781315627113>
7. IESNA* (2013). RP-5-13 - Recommended Practice for Daylighting Buildings Illumination Engineering Society (IES) Publication, NY. * Editorial and contributing author as part of my role in the IES Daylighting Committee
8. **Elzeyadi, I.** (2012). Regenerative and Biophilic Design of Net-Zero Buildings and Sites. Book Chapter, In THUPDI Sustainable Urban Development, Tsinghua University, Beijing, China.
9. **Elzeyadi, I.** (2010b). Green Classroom Toolbox: Applications in Architectural Research, Teaching, and Practice. *AIA Report on University Research Vol 5*. Washington, DC: American Institute of Architects.

Papers in Conference Proceedings (Peer-Reviewed)

1. **Elzeyadi, I.**, Sereno, M., Taylor, R. (2026). Fractal-Based Architecture: Testing the Impacts of Fractal Spatial Patterns on Human Perceptions and Wellbeing in Real and Virtual Environments. In: ARCC-EAAE 2026 International Conference, LOCAL SOLUTIONS FOR GLOBAL ISSUES. Atlanta, Georgia, USA April 8-11, 2026.
2. Sun, J. & **Elzeyadi, I.** (2026). A Spatial Framework of Thermal Alliesthesia in Architecture: A Systematic Literature Review. In: ARCC-EAAE 2026 International Conference, LOCAL SOLUTIONS FOR GLOBAL ISSUES. Atlanta, Georgia, USA April 8-11, 2026.
3. Lopez, J. & **Elzeyadi, I.** (2026). Biophilia in the Classroom: The Impact of Daylight through Fractal Patterned Screens. In: ARCC-EAAE 2026 International Conference, LOCAL SOLUTIONS FOR GLOBAL ISSUES. Atlanta, Georgia, USA April 8-11, 2026.
4. Golshany, N. & **Elzeyadi, I.** (2026). Validating Virtual Reality for Cognitive Assessment in Older Adults: A Comparison of Performance under Real and Simulated Lighting Environments. In: ARCC-EAAE 2026 International Conference, LOCAL SOLUTIONS FOR GLOBAL ISSUES. Atlanta, Georgia, USA April 8-11, 2026.
5. **Elzeyadi, I.** (2025). The Net-Zero Challenge: The Architecture of the New K-12 Schools Between Prediction and Verification. In the proceedings of the Architectural Research Centers Consortium (ARCC) conference, 2025 - EMERGING CHALLENGES: technological, environmental, social. College Park, MD & Washington, DC, April 2-5, 2025.
6. Giddings, B., Melhado, S., & **Elzeyadi, I.** (2024). Spatial Equity And Inclusiveness In The City Centre: Research, Education, And Practice. In the proceedings of the EAAE-ARCC International Conference, 2024 - ARCHITECTURE INTO THE UNKNOWN. Aarhus, Denmark, May 2-5, 2024.
7. **Elzeyadi, I.** & Gatland, S. II (2023). Green Skins for Gray Buildings: How High-Performance Building Envelope Retrofits Impact Occupants' Health and Well-Being? In: The Research-Design Interface, ARCC 2023 Conference, April 12-15, 2023; Dallas, TX: Texas Tech. University, the proceedings of the Architectural Research Centers Consortium (ARCC) conference.
8. Golshany, N. & **Elzeyadi, I.** (2023). The Impact of Spatial Light Patterns on Older Adults' Perception and Preference of the Indoor Environment. In: The Research-Design Interface, ARCC 2023 Conference, April 12-15, 2023; Dallas, TX: Texas Tech. University, the proceedings of the Architectural Research Centers Consortium (ARCC) conference.
9. Al-Awadh, S. & **Elzeyadi, I.** (2023). Forecasting Circadian Light: A Sensitivity Analysis of Simulation Methods and Parameters. In: BS23: Building Simulation 2023, September 4-6, Shanghai, China.
10. **Elzeyadi, I.** (2022a). Architecture At Zero: The New School Building Between Prediction and Verification. In: 110th ACSA Annual Meeting (Virtual), May 18-20, Los Angeles, CA: USA.
11. **Elzeyadi, I.** (2022b). Resilient Sites: Mapping K-12 Schools' Context Biophilic and Energy Performance. In: Resilient City: Physical, Social, and Economic Perspectives, ARCC-EAAE 2022 International Conference, March 2-5, 2022, I Miami, FL, Florida International University, the proceedings of the Architectural Research Centers Consortium (ARCC) conference.
12. Golshany, N. & **Elzeyadi, I.** (2022). Exploring the Impacts of Human-Centric Lighting Spatial Patterns on Elderly Residents mood and Preference – An Architectural Content Analysis. In: Resilient City: Physical, Social, and Economic Perspectives, ARCC-EAAE 2022 International Conference, March 2-5, 2022, I Miami, FL, Florida International University, the proceedings of the Architectural Research Centers Consortium (ARCC) conference.
13. Al Awadh, S. & **Elzeyadi, I.** (2022). Space Syntax Applications for Window Access And Daylight Design. In EDRA 53: Health in All Design, June 1-4, 2022, Greenville, SC, USA. Winner: Best Paper Award.
14. **Elzeyadi, I.** (2021). Performative Views in Architecture: Preference, Composition, and Occupant's Wellbeing. In: Performative Environments, the proceedings of the Architectural Research Centers Consortium (ARCC) conference virtual Tucson, Arizona, April 7-10.
15. Golshany, N., **Elzeyadi, I.**, (2021). Measuring the Impact of Environmental Quality on Elderly Residents' Cognitive Functioning – A Critical Review. In: Performative Environments, the proceedings of the Architectural Research Centers Consortium (ARCC) conference virtual Tucson, Arizona, April 7-10.
16. Naik, N., **Elzeyadi, I.**, & Cartwright, V. (2021). Performative environments for alliesthesia: Solar-screened offices and human thermal perception within them under different sky conditions. In: Performative Environments, the proceedings of the Architectural Research Centers Consortium (ARCC) conference virtual Tucson, Arizona, April 7-10.
17. **Elzeyadi, I.** & Abboushi, B. (2020). Mind the Gap: Building Performance Simulation in the Architectural Design Studio. In: 108th ACSA Annual Meeting, March 12-14, San Diego, CA: USA.
18. Niyati, I. & **Elzeyadi, I.** (2020). External Dynamic Screens for Thermal Delight and Alliesthesia. In: 108th ACSA Annual Meeting, March 12-14, San Diego, CA: USA.

19. Niyati, I. & **Elzeyadi, I.** (2020). The Impact of Static and Dynamic Solar Screens on Indoor Thermal Environment and Predicted Thermal Comfort. In: Passive and Low Energy Architecture (PLEA) Conference: Planning Post Carbon Cities, September 1-3, CORUÑA, Spain.
20. Naik, N. & **Elzeyadi, I.** (2020). Investigating the Impact of External Solar Screens on Occupant Thermal Comfort and Pleasure: An Observational Field Study. In: 2020 ASHRAE Winter Conference, February 1-5, Orlando, FL, USA.
21. Parhizkar, H. & **Elzeyadi, I.** (2020). Investigating the Impact of Plant Phytoremediation on Indoor Air Quality in Work Environments: A Meta-Analysis. In: 2020 ASHRAE Winter Conference, February 1-5, Orlando, FL, USA.
22. **Elzeyadi, I.** & Gatland, S. (2019). The Impact of the Exterior Envelope on Thermal Comfort Perceptions in Offices. In: 2019 Buildings XIV Conference, December 9-12, Clearwater, FL, USA.
23. **Elzeyadi, I.** & Abboushi, B. (2019). Daylighting Performance In Schools Between Simulation Predictions And Field Verifications – A Factor of Reality Analysis. In: BS19: Building Simulation 2019, September 2-4, Rome, Italy.
24. Abboushi, B. & **Elzeyadi, I.** (2019). Investigating the Visual Interest and Mood Response to Light Patterns in Architectural Renderings. In EDRA 50: Sustainable Urban Environments, May 22-26, Brooklyn, NY, USA.
25. Al Awadh, S. & **Elzeyadi, I.** (2019a). Between Research and Practice: A Comparative Analysis of Daylight Design Predictions in Atriums. In: The Architectural Research Centers Consortium (ARCC), May 29 – June 1, Toronto, Canada,
26. Al Awadh, S. & **Elzeyadi, I.** (2019b). Dynamic Daylighting Design in the Melanopsin Age - The Case of Atriums. In: Gulf Conference on Sustainable Built Environment Conference. March 10-13, Kuwait City, Kuwait.
27. **Elzeyadi, I.** (2018). Smart and Healthy Buildings from Idea to Reality: A Comparative Analysis of Green Buildings' Energy and Environmental Performance between Design Predictions and Actual Performance. In: PLEA 2018 Smart and Healthy within the 2-degree Limit, December 10 -12, Hong Kong, China.
28. Al Awadh, S. & **Elzeyadi, I.** (2018a). Chronobiological Aspects of a Window: A Pilot Study. In: PLEA 2018 Smart and Healthy within the 2-degree Limit, December 10-12, Hong Kong, China.
29. Gatland, S. & **Elzeyadi, I.** (2018a). Measuring the Impact of a High-Performance All-Glass Building on the Indoor Acoustic Environment and the Occupants' Perception of Health, Satisfaction, and Productivity. In: Inter-Noise 2018: 47th International Noise Congress & Exposition. August 26-29, Chicago, IL, USA.
30. Gatland, S. & **Elzeyadi, I.** (2018b). Reporting from the Field: Pre/Post-Occupancy Assessment of Thermal Comfort and Indoor Air Quality Performance of a LEED® Double-Platinum Commercial Office Building. In: INDOOR AIR 2018, 15th Conference of the International Society of Indoor Air Quality and Climate (ISIAQ), July 22 - 27, Philadelphia, PA, USA.
31. Gatland, S. & **Elzeyadi, I.** (2018c). Indoor Environmental Quality Performance of a LEED® Double Platinum Commercial Office Building Pre- and Post-Retrofit. In: BEST5: Conference Building Enclosure Science & Technology™, April 16-18, Philadelphia, PA, USA.
32. Abboushi, B. & **Elzeyadi, I.** (2018). The Relationship between Sunlight Pattern Geometry and Visual Comfort in Daylit Offices. In: ARCC EAAE 2018: Architectural Research Centers Consortium Conference, May 16-19, Philadelphia, PA, USA.
33. Al Awadh, S. & **Elzeyadi, I.** (2018b). Daylighting beyond Instrumentality and Dynamic Metrics. In: ARCC EAAE 2018: Architectural Research Centers Consortium Conference, May 16-19, Philadelphia, PA, USA.
34. **Elzeyadi, I.** & Ayesha, B. (2018). Learning from the Vernacular: The Impact of Screen Shades Typologies on Building Energy Savings and Thermal Comfort in Two Different Climate Zones. In: ASHRAE Winter Conference Proceedings, January 20-24, 2018, Chicago, IL., USA.
35. **Elzeyadi, I.**, Gatland, S. & Abboushi, B. (2017). Dynamic Daylight: Measuring the impacts of high performance daylighting systems on occupants' health, satisfaction, and productivity. In: Illumination Engineering Society (IES) Annual Conference: My Light. August 10-12, Portland, OR, USA.
36. Abboushi, B. & **Elzeyadi, I.** (2017). Perceptual Response to Fractal Light Patterns. In: Illumination Engineering Society (IES) Annual Conference: My Light. August 10-12, Portland, OR, USA.
37. **Elzeyadi, I.** & Batool, A. (2017). Veiled Facades: Quantifying the Impacts of Screen Shades Geometry on Building Energy Savings, Daylighting Autonomy, and Glare Management in Three Different Climate Zones. In: IBPSA: Building Simulation 17, August 7-9, 2017, San Francisco, CA, USA.
38. **Elzeyadi, I.** & Gatland, S. (2017). Indoor Environmental Quality and Occupant's Comfort of a Green-Certified Office Campus– A pre-post Retrofit Longitudinal Study. In: PLEA 2017: Passive Low Energy Architecture-Design to Thrive, Proceedings, July 3–5, 2017, Edinburgh, Scotland.

39. Naik, N.; Yang, J. & **Elzeyadi, I.** (2017). Optimizing the Performance of Variable Geometry Shading Screens for Occupants' Comfort. In: PLEA 2017: Passive Low Energy Architecture-Design to Thrive, Proceedings, July 3–5, 2017, Edinburgh, Scotland.
40. **Elzeyadi, I.** (2016a). Green Classroom Toolbox™: Adapting Schools and Students for Climate Change through Sustainable Architecture. In: Sustainable Built Environment - SBE 16 Cairo Proceedings, November 29 - December 1, 2016, Cairo, Egypt.
41. **Elzeyadi, I.** (2016b). In Praise of Performance: Assessing Indoor Environmental Quality of a LEED™ Platinum Building between Prediction and Verification. In: Defining Indoor Air Quality: Policy, Standards and Best Practices, ASHRAE IAQ Conference Proceedings, September 12-14, 2016, Alexandria, VA, USA.
42. **Elzeyadi, I.**; Abboushi, B.; Hadipour, H.; Riviera, I. (2016). HIGH PERFORMANCE FAÇADES: Measuring the Impacts of Dynamic Shading Prototypes on Indoor Environmental Quality Using Yearly Simulations and Field Tests. In: PLEA Cities, Buildings, People: Towards Regenerative Environments, Proceedings, pp. 1023-1032, July 11–13, 2016, Los Angeles, CA, USA. ISBN: 978-0-692-74961-6.
43. Tanvi, D. & **Elzeyadi, I.** (2016). Comparing LEED Certified and Conventional Schools in Houston, Texas, USA: Energy and Environmental Performance. In: PLEA Cities, Buildings, People: Towards Regenerative Environments, Proceedings, pp. 1354-1360, July 11–13, 2016, Los Angeles, CA. ISBN: 978-0-692-74961-6.
44. **Elzeyadi, I.** (2015). A Green Lesson: Measuring the Impacts of LEED Certification Credits on People, Planet, and Profit of K-12 Schools. In: N. Fernando and G. Baker, EDRA 2015 - brainSTORM: Dynamic Interactions of Environment-Behavior and Neuroscience, Los Angeles, CA, 27-30 May 2015, pp. 48-59.
45. Batool, A. & **Elzeyadi, I.** (2014). From Romance to Performance: Assessing the Impacts of Jali Screens on Energy Savings and Daylighting Quality of Office Buildings in Lahore, Pakistan. In: PLEA 2014 - 30th International PLEA Conference: SUSTAINABLE HABITAT FOR DEVELOPING SOCIETIES – Choosing The Way Forward, Proceedings, Ahmedabad, India – December 16-18, 2014. ISBN: 978-93-83184-03-3.
46. **Elzeyadi, I.** (2012). Green Classroom 2020: Design Strategies to Retrofit K-12 Schools for Carbon Neutrality. In: World Renewable Energy Forum. ASES Annual Proceedings, May 2012, CD-ROM.
47. Piacenza, J.; Tumer, I.; Stone, R.; Knighton, J. & **Elzeyadi, I.** (2011). Towards A System Analysis and Integration Framework for Early Design Trades in Sustainable Building Design. In: Proceedings of the ASME 2011 International Mechanical Engineering Congress. Denver, Colorado, November 11-17. Paper No. IMECE2011-64149, pp. 267-277; ISBN: 978-0-7918-5489-1, doi:10.1115/IMECE2011-64149
48. Vignola, F.; **Elzeyadi, I.**; Simonton, B. & Mavromatakis, F. (2010). Evaluation of A Prototype Solar Awning. In: Proceedings of Solar 2010, American Solar Energy Society (ASES) International Conference, May 19-22, Phoenix, AZ, USA.
49. **Elzeyadi, I.** & Lockyear, B. (2010). Dynamic Daylight- Delight versus Intensity: The Relationship Between Daylighting Quality, Building Orientation, and Office Layout Inside A LEED Platinum Commercial Building with Glazed Facades. In: Proceedings of Solar 2010, American Solar Energy Society (ASES) International Conference, May 19-22, Phoenix, AZ, USA.
50. **Elzeyadi, I.** (2009). Architectural Pride and Environmental Prejudice: The Effect of Personal Status, Historical Value, and Indoor Décor on Occupants' Indoor Environmental Quality in Offices. In: PLEA 2009 - 26th Conference on Passive and Low Energy Architecture, Quebec City, Canada, 22-24 June 2009 (Winner: Best Paper Award, PLEA 2009).
51. **Elzeyadi, I.** (2009). Retro_Fit: Greening educational facilities for carbon neutrality and students' performance. In: ARCC 2009 - Leadership in Architectural Research, between academia and the profession, April 15-18, San Antonio, TX, USA.
52. **Elzeyadi, I.** et al. (2009a): Radiant Comfort, Friend or Foe: A comparative analysis of radiant floor and conventional HVAC air systems performance in commercial buildings. In: SOLAR 2009, Proceedings of the American Solar Energy Society (ASES) Annual Conference. May 8-14, Buffalo, NY, USA. CD-ROM.
53. **Elzeyadi, I.** et al. (2009b): Cool Roof/Green Roof: benefits and biophilia – a comparative study. In: SOLAR 2009, Proceedings of the American Solar Energy Society (ASES) Annual Conference. May 8-14, Buffalo, NY, USA. CD-ROM.
54. **Elzeyadi, I.** (2007). Green in the Balance: Visual Comfort Inside Offices with Tilted Facades. In: ARCC 2017: Green Challenges in Research Practice and Design Education. Architectural Research Centers Consortium, Eugene, OR,
55. **Elzeyadi, I.** (2005). BEAM: Shedding Light on Building Performance Education. In Solar Energy: Bringing Water to the World. Proceedings of the International Solar Energy Society Conference, Orlando, Florida. August 6-12, Orlando, FL, USA. CDrom.
56. **Elzeyadi, I.** (2004). Bring on the Light: Building Professionals' Attitudes Towards Top Daylighting in the Pacific Northwest. Solar 2004 Proceedings, ASES National Solar Energy Conference, July 9-14, Portland, OR, USA.

57. **Elzeyadi, I.** (2003a). Environmental Quality - Shaping Places for People: A Systemic Framework for Conceptualizing People and their Workplaces. In: Shaping Places for People pp. 71- 79. Proceedings of the Environmental Design Research Association EDRA 34th Conference. May 22-26, Minneapolis, MN, USA.
58. **Elzeyadi, I.** (2003b). Sun Tracking and Sound Tracing -- A pedagogy for integrating solar design principles in beginning architectural studios. Solar 2003 Proceedings, ASES National Solar Energy Conference, pp. 981-986, June 21-26, Austin, TX, USA.
59. **Elzeyadi, I.** (2002). Designing for Indoor Comfort: A systemic model for assessing occupant comfort in sustainable office buildings. Solar 2002 Proceedings, ASES National Solar Energy Conference, June 15-20, 2002, Reno, NV, USA. CDrom.

Non-Peer-Reviewed Project and Research Reports

1. Elzeyadi, I. (2023). Net-Zero Schools Case Studies. Dean's Research Award Final Report. HiPE Press: University of Oregon, Eugene, OR.
2. Elzeyadi, I. (2023). Impact of High-Performance Facades on Occupant's Multi-comfort and Health - An Experimental 4x4 Study. HiPE Press: University of Oregon, Eugene, OR.
3. Elzeyadi, I. (2020). Impact of Green Building Retrofits on Occupants' Performance and Health - A Longitudinal Multi-Year Statistical Analysis. HiPE Press: University of Oregon, Eugene, OR.
4. Elzeyadi, I. (2019). Net-Zero Schools: Results from a comprehensive POE of seven exemplary schools. A report to the Energy Trust of Oregon, Net-Zero Fellowship. HiPE Press: University of Oregon.
5. Elzeyadi, I. (2019). Pre/Post Occupancy Evaluation of a Green Double Platinum LEED Building - A Longitudinal Multi-Year Study. HiPE Press: University of Oregon, Eugene, OR.
6. Elzeyadi, I. (2018a). Post Occupancy Evaluation and Building Performance Analysis of a Straub Hall. University of Oregon Campus Facilities Planning and Construction. HiPE Press: University of Oregon, Eugene, OR.
7. Elzeyadi, I. (2018b). Pre/Post Occupancy Evaluation of a Green Double Platinum LEED Building - A Longitudinal Multi-Year Study. HiPE Press: University of Oregon, Eugene, OR.
8. Elzeyadi, I. (2017). Facade Integrated Technologies for an All-Glass Building. Saint-Gobain, Boston, MA. For Saint-Gobain, Northborough, MA. HiPE Press: University of Oregon, Eugene, OR.
9. Elzeyadi, I. (2016a). Environmental Performance Assessment for Electrochromic Glazing for a High Performance Platinum LEED Building. For SAGE Glass, Faribault, MN. HiPE Press: University of Oregon, Eugene, OR.
10. Elzeyadi, I. (2016b). Facade Sustainable Technologies Retrofit of an All-Glass Building. Saint-Gobain, Boston, MA. For Saint-Gobain, Northborough, MA. HiPE Press: University of Oregon, Eugene, OR.
11. Elzeyadi, I. (2016c). Roof_Tech: Advances in Roofing Technologies Assessment and Future Perspectives. For Presans International, Paris, France. HiPE Press: University of Oregon, Eugene, OR.
12. Elzeyadi, I. (2015). Pre-Post Continuous Indoor Environmental Quality Assessment of a High Performance Office Building. Saint-Gobain/CertainTeed, Malvern, PA. For Saint-Gobain, Valley Forge, PA. HiPE Press: University of Oregon, Eugene, OR.
13. Elzeyadi, I. (2014). Howard Elementary School - Schematic Design Analysis. HiPE Press: University of Oregon, Eugene, OR.
14. Elzeyadi, I. (2013a). Facade Integrated Technologies Testing Facility. Oregon Built Environments and Sustainable Technologies Center. OR: UO HiPE Press.
15. Elzeyadi, I. (2013b). Green Classroom Toolbox. AIA UpJohn Final Report. OR: UO, HiPE Press.
16. Elzeyadi, I. (2013c). BELS: Benchmarking and Performance Evaluation of LEED Schools. Final Report. OR: UO, HiPE Press.
17. Elzeyadi, I. (2012a). Indoor Environmental Quality Assessment of High Performance Materials for K-12 Schools Deep Retrofits. Interim Report. OR: UO, HiPE Press.
18. Elzeyadi, I. (2012b). Green Schools in Grey Zones. OTREC Report #0373.
19. Elzeyadi, I. (2006). Healthy Offices: The Relationship Between View Quality and Employees' Sick Leave in Work Environments. Lighting Research Center (LRC), Daylight Dividends Program, FINAL REPORT, Lighting Research Center - Rensselaer Polytechnic Institute, Troy, New York, April 2006. Online publications library, http://www.lrc.rpi.edu/programs/daylighting/reports_publications.asp
20. Elzeyadi, I. (2005). Post Occupancy Evaluation of the Lillis Business School, A LEED Gold Rated Building, Oregon Survey Research Lab (OSRL). University of Oregon, Eugene, OR April 2005.
21. Elzeyadi, I. and Heschong, L. (2001a). Retail and Warehouse Daylighting. Skylighting KnowHow Series. New England: Northeast Energy Efficiency Alliance.

22. Elzeyadi, I. and Heschong, L. (2001b). Skylighting Case Studies for the Northeast. Designlights Consortium, Northeast Energy Efficiency Alliance, New England.
23. Heschong, L. and Elzeyadi, I. (2001c). Daylighting and Productivity in Retail and Schools - Follow-up Analysis. New Buildings Institute, WA. Sponsored Study for PIER Lighting Program.
24. Heschong, L.; Elzeyadi, I. & Knecht, C. (2001d). Re-Analysis Report: Daylighting in Schools, Additional Analysis. New Buildings Institute, White Salmon, WA.
25. Elzeyadi, I. and Heschong, L. (2001e). Skylighting Market Transformation in the Northeast - Final Report. New York State Energy Research and Development Authority (NYSERDA) sponsored study for its Third Party Market Transformation Program.
26. Elzeyadi, I., Heschong, L. & Mchugh, J. (2000a). Skylighting Optimization for the Northeast. New York State Energy Research and Development Authority (NYSERDA) sponsored study for its Third Party Market Transformation Program.
27. Elzeyadi, I. and Heschong, L. (2000b). Skylighting Market Baseline. Survey Report. New York State Energy Research and Development Authority (NYSERDA) sponsored study for its Third Party Market Transformation Program.
28. Elzeyadi, I. (1998). The effect of tilted windows on occupants' visual comfort in non-orthogonal office spaces. International Facilities Program, Vol. (2). Houston, TX: IFMA Foundation/Haworth.
29. Elzeyadi, I. (1997a). "AL-SAKINA": Environmental quality assessment for two Cairene houses, between tradition and modernity. CAUPR, University of Wisconsin-Milwaukee Publications Series, Wisconsin, Milwaukee: Center for Architecture and Urban Planning Research.
30. Elzeyadi, I. (1997 b). A Kaleidoscope Model of Indoor Comfort: Towards a systemic protocol for assessing and managing occupant comfort in the work environment. (JCEQA, Monograph). Milwaukee: The University of Wisconsin-Milwaukee, Johnson's Controls Institute for Environmental Quality in Architecture.
31. Elzeyadi, I. (1995 a). Reconciling the indoor thermal comfort model. CAUPR, University of Wisconsin-Milwaukee Publications Series, Wisconsin, Milwaukee: Center for Architecture and Urban Planning Research.
32. Elzeyadi, I. (1995 b). Modeling indoor thermal comfort: Strategies for energy conservation with building energy analysis. CAUPR, University of Wisconsin-Milwaukee Publications Series, Wisconsin, Milwaukee: Center for Architecture and Urban Planning Research.

Conference Abstracts (Peer-Reviewed)

1. **Elzeyadi, I.** (2024a). Architectural Lighting for Occupants' Wellbeing: A Human-Centric Design Framework. In: Human-Centric Lighting: Recent research and design applications symposium. In EDRA 55: Human-Centric Environments. June 19-22, Portland, Oregon – USA.
2. **Elzeyadi, I.** (2024b). Human-Centric Net Zero Schools: Empathetic Performance of a New Educational Building Typology. In EDRA 55: Human-Centric Environments. June 19-22, Portland, Oregon – USA.
3. **Elzeyadi, I.** (2024c). Pre/Post Occupancy Evaluation Framework: Quantifying Green-Certified Buildings' Impact on Occupants' Health and Well-Being. In EDRA 55: Human-Centric Environments. June 19-22, Portland, Oregon – USA.
4. **Elzeyadi, I.** (2024d). Building Performance Evaluation and Indoor Environmental Quality Research – Evidence-Based Design Guidelines for Sustainable Buildings. In: Four Paradigms for Building Evaluation - How They Address Users' Needs - Research Intensive. June 19-22, Portland, Oregon – USA.
5. **Elzeyadi, I.,** Melhado, S. & Giddings, B. (2024). Spatial Equity and Inclusiveness in the City Center: Research, Education, and Practice – Workshop. In: EAAE/ARCC conference Architecture Into The Unknown, EAAE/ARCC 2024 Conference, May 23-26, Aarhus, Denmark.
6. **Elzeyadi, I.** & Golshany, N. (2023). Evaluating the Impacts of Spatial Light Pattern on Older Adults' Cognitive Performance (E61). In Healthcare Design Conference and Expo (HCD), November 4-7, 2023, New Orleans, LA - USA.
7. **Elzeyadi, I.,** Melhado, S. & Giddings, B. (2023). Spatial Equity and Inclusiveness in Research Practice – Workshop. In: The Research-Design Interface, ARCC 2023 Conference, April 12-15, 2023; Dallas, TX: Texas Tech. University, the proceedings of the Architectural Research Centers Consortium (ARCC) conference.
8. Loder, A., **Elzeyadi, I.,** McGee, B., and Satish, U. (2023). Nature-based interventions in buildings: If you build it, will it work? In Greenbuild International Conference & Expo, September 26-29, Washington, DC.

9. **Elzeyadi, I.**, Malekafzali, A., Gatland, S., and Hridas, S. (2023) Dynamic Daylighting for Occupant's Health and Well-being: Theory, Research, and Design Applications for Practitioners In LIGHTFAIR International Trade Show and Conference, The Synergy of Light in Life, May 20-24, New York Javits Convention Center, New York, NY - USA.
10. **Elzeyadi, I.** (2023a). Indoor Environmental Quality and Its Profiles: A Human-Centric Approach to Performative Architecture. In EDRA 54: Environment and Health - Global/Local Challenges and Action. June 20-23, Mexico City, Mexico.
11. **Elzeyadi, I.** (2023b). The Impact of Fractal Spatial Patterns on Human Performance and Wellbeing. In EDRA 54: Environment and Health - Global/Local Challenges and Action. June 20-23, Mexico City, Mexico.
12. Golshany, N. & **Elzeyadi, I.** (2023). Do Changes to the Spatial Lighting Patterns Alter the Older Adults' Perception and Preference of an Environment? In EDRA 54: Environment and Health - Global/Local Challenges and Action. June 20-23, Mexico City, Mexico.
13. **Elzeyadi, I.** (2022). Green Skins for Gray Cores: The Impact of LEED Building Envelope Retrofits on Occupants' Health and Well-Being. In EDRA 53: Health in All Design, June 1-4, 2022, Greenville, SC, USA.
14. Golshany, N. & **Elzeyadi, I.** (2022). Impact of Human-Centric Lighting on Cognitive Performance for Elderly Residents - A Critical Review. In EDRA 53 EDRA 53: Health in All Design, June 1-4, 2022, Greenville, SC, USA.
15. Abboushi, B., **Elzeyadi, I.** & Ryan, C. (2019). Applications of Fractal Patterns for Green Building Wellness. In Greenbuild 2019: A New Living Standard. November 19-22, Atlanta, Georgia - USA.
16. **Elzeyadi, I.** (2019). Reconciling Apples with Oranges: Comparing the Performance of New and Retrofitted Green Buildings from Design to Post-Occupancy Evaluation. In EDRA 50: Sustainable Urban Environments, May 22-26, Brooklyn, NY, USA.
17. **Elzeyadi, I.** & Abboushi, B. (2019). What's Wrong with Suburban Sustainability: A Comparative Analysis of LEED Certified Offices in Different Urban Site Contexts. In EDRA 50: Sustainable Urban Environments, May 22-26, Brooklyn, NY, USA.
18. **Elzeyadi, I.** & Abboushi, B. (2019). Dynamic Daylighting Design: Biophilic Applications to Practice. In: LIGHTFAIR International Trade Show and Conference, The Synergy of Light in Life, May 19-23, Philadelphia Convention Center, Pennsylvania - USA.
19. **Elzeyadi, I.**, Gatland, S. & Hamilton, L. (2018). Measuring-up Healthy Buildings: Methods, Modes, and Meaning for Discovery and Practice. In Greenbuild 2018: Humans x Nature, November 14-16, Chicago, Illinois, USA.
20. **Elzeyadi, I.**, Gatland, S. & Byrne, M. (2017). Rethinking Glass Facades: Indoor Environmental Quality in the Open Office. In: American Institute of Architects Annual Convention, April 27-29, Orlando, FL - USA.
21. **Elzeyadi, I.** & Gatland, S. (2016). Continuous Assessment of Indoor Environmental Quality using an Innovative Pre/ Post-Occupancy Evaluation Protocol for High Performance Buildings. In: Defining Indoor Air Quality: Policy, Standards and Best Practices, ASHRAE IAQ Conference Proceedings, September 12-14, 2016, Alexandria, VA.
22. **Elzeyadi, I.** (2016a). Measure Twice, Cut Once: Evidence-Based Indoor Environmental Quality Using an Innovative Pre/Post POE Assessment Research Design EDRA47 POE Intensive In Post-Occupancy Evaluation (POE) as a Proactive Environmental Design and Control Tool in Modern Buildings - EDRA 47: Shifting Ground, May 18-21, 2016, Raleigh, NC.
23. **Elzeyadi, I.** (2016b). Closing the Design/Operation Gap: A Comparative Analysis of Predictive and Actual Performance of High Performance LEED Buildings Using an Innovative POE Visualization Approach. In: IBPE Symposium - Building Performance Evaluation Case Studies from around the World - EDRA 47: Shifting Ground, May 18-21, 2016, Raleigh, NC.
24. **Elzeyadi, I.** (2015b). Assessing occupants' engagement in positive energy behavior in buildings. In: EDRA 2015 - brainSTORM: Dynamic Interactions of Environment-Behavior and Neuroscience", Los Angeles, CA, 27-30 May 2015.
25. **Elzeyadi, I.** & Weekes, J. (2014). Greening Schools Beyond Energy Modelling. In: Council of Educational Facilities International, Portland, OR, October 3-6, 2014.
26. **Elzeyadi, I.** & Woods, M. (2013). People + Buildings: Assessing the application of occupants' engagement in positive energy behaviors in buildings. In: American Solar Engineering Society Annual Conference Proceedings, April 2013.
27. **Elzeyadi, I.** & O'Neil, S. (2013). The Right Light: A comparative field assessment of daylighting quality and visual comfort inside LEED-rated elementary schools. In: American Solar Engineering Society Annual Conference Proceedings, April 2013.
28. **Elzeyadi, I.** (2011). BELS II: Benchmarking and Performance Evaluation of LEED Schools. In: GreenBuild 2011: US Green Buildings Council International Conference and Expo. October 16- 20, 2010, Toronto, USA. (8% acceptance rate).
29. **Elzeyadi, I.** (2010). BELS: Benchmarking and Performance Evaluation of LEED Schools- Research Findings and Design Lessons for the Future. In: Greenbuild 2010: US Green Buildings Council International Conference and Expo. November 16-20, 2010, Chicago, USA.

30. **Elzeyadi, I.** (2007a). Lillis in Wonderland: Building in-use Performance Assessment of A LEED™ Silver Educational Building. Greenbuild 07: US Green Buildings Council International Conference and Expo. November 6- 10, 2007, Chicago, USA. (1% acceptance rate).
31. **Elzeyadi, I.** (2007b). Healthy Offices: Windows, Absenteeism, and Health in Work Environments - Evidence-Based Guidelines. World Congress on Design & Health (WCDH 2007), June 29th- July 1st, 2007, Glasgow, UK.
32. **Elzeyadi, I.** (2007c). The relationship between view preference and daylighting quality in offices. Proceedings of the Environmental Design Research Association, EDRA 38 Conference. May 30 - June 03, Sacramento, California.
33. **Elzeyadi, I.** (2006). Healthy By Design: Post-Occupancy Evaluation of A High-Performance LEED-Rated Building. IAPS-19, International Association for People-Environment Studies (IAPS). September 11-16, Cairo, Egypt. CDrom.
34. **Elzeyadi, I. & Weisman, J.** (2005a). Models of Place: A Systemic Approach to Environmental Quality Research and Design. Research Symposium Chairs, In Design for Diversity. Proceedings of the Environmental Design Research Association, EDRA 36 Conference. April 27-May 1, Vancouver, British Columbia, Canada. CDrom (Symposium, published abstract).
35. **Cheng, N. & Elzeyadi, I.** (2005b). Unveiling Design and Cognition Process Through Digital Sketching: Methods and Tools for Environmental Design Research. Workshop Presentation, In Design for Diversity, Proceedings of the Environmental Design Research Association EDRA 36th Conference. April 27 - May 1, Vancouver, British Columbia, Canada. CDrom.
36. **Elzeyadi, I.** (2005c). Just Buildings Telling Stories: A Comprehensive Approach for The Design and Assessment of Sustainable Place Experience in Offices. Models of Place Symposium, In: Design for Diversity, Proceedings of the Environmental Design Research Association EDRA 36th Conference. April 27 - May 1, Vancouver, British Columbia, Canada. CDrom.
37. **Elzeyadi, I.** (2005d). Constructing the Ephemeral: Sensory and Sustainable Experience in the Beginning Design Studio. In: Greener Foundations: Environmental Technology and the Beginning Design Student, SBSE Retreat 2005, June 9-12. Savannah, Georgia.
38. **Elzeyadi, I.** (2003). Designing-people-designing-places: Integrating Research And Technology In Architectural Design Studios – A Teaching Pedagogy Framework. In: Shaping Places for People pp. 215-216. Proceedings of the Environmental Design Research Association EDRA 34th Conference. May 22-26, Minneapolis, Minnesota.
39. **Elzeyadi, I.** (2002). The Oasis and the Mirage: Cross-Cultural Analysis of Environmental Quality and Comfort inside Historical Workplaces-Three Case Studies from Cairo, Egypt. Proceedings of the Environmental Design Research Association, EDRA 33rd Conference, Philadelphia, Pennsylvania. pp. 169.
40. **Elzeyadi, I.** (2000a). A Systemic Model of Indoor Comfort: A Protocol for Assessing Occupants' Comfort in the Workplace. Proceedings of the Environmental Design Research Association, EDRA 31st Conference, San Francisco, California.
41. **Elzeyadi, I.** (2000b). Environmental Quality, Sustainability, and Adaptive Reuse of 19th and 20th Century Historical Palaces in Cairo, Egypt. In Metropolis, 16th conference of the International Association for People-Environment Studies (IAPS 2000), 4-7 July, Paris, France.
42. **Elzeyadi, I.** (1999a). Consuming Architectural Heritage Through Adaptive Reuse. Poster Presentation at the 87th ACSA Annual Meeting, March 20-23, Minneapolis, MN; The 1999 AIA National Convention & Exposition, May 6-9, 1999, Dallas, TX; and The 1999 ACSA/CIB Technology Conference, June 25-27, 1999, Montreal, Canada.
43. **Elzeyadi, I.** (1999b). From "Palaces" to "Organizations": Strategies for Historic Preservation through Adaptive Reuse in Cairo. Proceedings of the fifth Annual Meeting of the American Research Center in Egypt, April 23-25, 1999, Chicago, Illinois.
44. **Elzeyadi, I.** (1999c). Assessing the Elephant: Linking Vital Signs Protocols to POE Methodologies. Proceedings of the Environmental Design Research Association, EDRA/ 30th Conference, June 2-5, 1999, Orlando, Florida.
45. **Elzeyadi, I.** (1999d). Alternative Perspectives to Alternative Offices. Proceedings of the Environmental Design Research Association, EDRA 30th Conference, June 2-5, 1999, Orlando, Florida.
46. **Elzeyadi, I.** (1999e). Hassan Fathy in Perspective: Environmental Quality Assessment inside Hassan Fathy's "Architecture for the Poor." Proceedings of the Environmental Design Research EDRA 30th Conference, June 2-5, 1999, Orlando, Florida.
47. **Elzeyadi, I.** (1997a). Designing for visual comfort in the non-orthogonal office environment: The physical, psychological, and social effects of tilted windows. Proceedings of the Environmental Design Research Association. EDRA 28th Conference, Montreal, Canada, p. 167.
48. **Elzeyadi, I.** (1997b). Towards a new conceptualization of thermal comfort in the office environment. Proceedings of the Environmental Design Research Association. EDRA 28th Conference, Montreal, Canada, p. 168.

Press/Media [publications by others about faculty member's work]

1. Best solar companies of July 2024 (USA Today, July 26, 2024)
2. Why smart windows are better? (Saint Gobain Newsletter, August 1, 2023)
3. Easy tips for an eco-friendly life, according to sustainability experts (Newsweek, Aug. 13, 2022)
4. To Market, To Market (Eugene Weekly, May 19, 2022)
5. Achieving Healthful Mental Mise en Place Through Design (Engineering News-Record, July 29, 2021)
6. University of Oregon team makes history in U.S. Doe's 2021 Solar Decathlon (Oregon Department of Energy, April 28, 2021)
7. University of Oregon takes first place and grand jury prize at 2020 Solar Decathlon (Oregon Department of Energy, April 28, 2020)
8. 5 ways to unleash staff potential through occupant comfort (Architect, July 2018)
9. Saint-Gobain Study Shows Quality Indoor Environment Can Boost Productivity (Engineering News-Record, July 3, 2018)
10. Saint-Gobain releases North American HQ occupant comfort study (Facility Executive, June 14, 2018)
11. The science behind how nature affects your health (Forbes, June 15, 2017)
12. Forget beanbag chairs. Amazon is giving its workers treehouses. (The New York Times, July 10, 2016)
13. Buildings that grow, breathe, and burn calories (OZY, June 18, 2016)
14. How this startup is using bacteria to grow bricks from scratch (Inc. Jan. 19, 2016)
15. High-tech companies, low-tech offices (The New Yorker, April 25, 2014)
16. Architecture professor ready to help produce green facades with FIT (Around the O, April 18, 2013)
17. A toolbox for green classrooms (PRX, Atlantic Public Media, July 11, 2013).
18. UO solar awning project reaches semifinals in national competition, seeks to bridge business-academic gap (Portland Architecture, July 2011)
19. UO professor develops energy-smart awning (Oregon Business, March 19, 2010)
20. Solar awning and energy triple threat (Daily Journal of Commerce, April 30, 2010)

GRANTS

Total Grants & Funded Projects Amount: \$5,795,077 + \$175,500 (cost share)

Grants & Funded Projects Amount (last 10 years): \$2,246,487 + \$136,000 (cost share)

- In-Review: National Science Foundation, Co-Principal Investigator, NCS-FO: Behavioral and Neurological Responses to Nature's Fractal Complexity. Behavioral and Cognitive Sciences (BCS) Division, Integrative Strategies for Understanding Neural and Cognitive Systems Program (\$1,000,000).
- 2024 University of Oregon, Office Of The Vice President for Research and Innovation, Co-Principal Investigator with Professors Margaret Sereno (Neuroscience) and Richard Taylor (Physics), Research Seed Grant: Bringing Nature Indoors: Understanding the Positive Impact of Nature's Fractal Patterns (\$50,000).
- 2023 SAGE Glass Electrochromic, Principal Investigator: Electrochromic Facades for Occupants' Multi-Comfort and Circadian Wellbeing (\$36,076).
- 2023 Tinker Hatfield Award for Innovation, Principal Investigator: The Impact of Fractal Spatial Patterns on Human Performance and Wellbeing was selected to receive the Tinker Hatfield Award for Innovation (\$25,000).
- 2022 Saint-Gobain Corporation, Principal Investigator: Investigating Occupants' Health and Well-being in a Double Platinum LEED Building (\$24,000).
- 2021 SAGE Glass Electrochromic, Principal Investigator: High Performance Facades Performance and Occupant's Multi-Comfort (\$53,908).
- 2021 College of Design Board Fellowship, Principal Investigator: Net-Zero Schools Toolbox: From Design Process to Life Cycle Impacts. (\$4,500).
- 2020 Saint-Gobain Corporation, Principal Investigator: Advanced Analysis of the Impact of High Performance Facades on Occupants' Multi-Comfort Health (\$59,127).
- 2019 National Science Foundation, Invited Panelist for the Engineering Research Centers Program, NSF, Washington, DC. (\$5,000).

- 2019 Energy Trust of Oregon, Net-Zero Energy Fellow: Performance Evaluation and Assessment of Net-Zero Schools (NZS). A study to quantify the triple bottom-line impacts of NZS on operations, occupants' health, and well-being (\$26,000).
- 2018 Saint-Gobain Corporation, Principal Investigator: Impact of Improvements in Indoor Environmental Quality with High-Performance Materials on Occupants' Health and Well-being. (\$52,693)
- 2017 Campus Planning and Facilities Management, Principal Investigator: Performance Evaluation and Assessment of Retrofitted LEED Buildings (PEARL_B). A study to quantify the triple bottom line impacts of retrofitted campus LEED buildings on campus operations, occupants' health, and well-being (\$13,010 + 13,010 CS).
- 2017 Saint-Gobain Corporation, Principal Investigator: Dynamic Shade Technologies for Indoor Environmental Quality and Daylighting Metrics of All-Glass Facades. (\$26,693)
- 2016 SAGE Electrochromic Glazing, Principal Investigator: Indoor Environmental Quality Assessment of a state-of-the-art LEED Platinum building with the world's largest deployment of SAGE Electrochromic Glazing Commissioning Study (\$25,484).
- 2015 I3 Award - Incubating Interdisciplinary Initiatives, Principal Investigator: Bridging Architecture and Neuroscience. Quantifying Impacts of Spatial Daylight Type and Quality on Task Performance, Stress, and Stress--recovery- An Experimental Investigation." In collaboration with Paul Dassonville, Neuroscience Behavioral Laboratory, University of Oregon - Office of the Vice President for Research (\$50,000).
- 2014 Saint-Gobain Corporation, Principal Investigator: Facade Adaptive Sustainable Technologies (FAST). Evidence-based design solutions for retrofitting all-glass facade buildings to improve energy and indoor environmental quality, daylighting, and occupant health and well-being. (\$138,235).
- 2014 CertainTeed Corporation, Principal Investigator: Pre-Post Occupancy Indoor Environmental Quality Assessment of an Innovative High-Performance Office Complex (PoP-IEQ). Developing protocols and procedures for building evaluation and assessments for a pre-post occupancy evaluation of green buildings. (\$133,058).
- 2014 Eugene 4J Schools - High-Performance Daylighting Design, Principal Investigator: Daylighting Design Assistance and High-Performance Buildings Consulting for DOWA -IBI and PIVOT Architecture to design two new high-performance schools and develop daylighting standards for 4J classrooms (\$24,350).
- 2013 Green Campus Initiative + Univ. Of Oregon Operations, Principal Investigator: Performance, Environmental Assessment and Re-engagement of LEED Laboratories (PEARLL). A study to quantify the triple bottom line impacts of Platinum-rated LEED laboratory buildings on occupants' health and test various occupant re-engagement and positive energy behavior strategies (\$8,000 + 12,000).
- 2013 Harsch Investment Properties, Principal Investigator: Portland Centennial Mills - Benchmarking and Carbon Assessment Feasibility Study (\$5,000).
- 2012 American Institute of Architects - Upjohn Research Award, Principal Investigator: Green Classroom Toolbox™. An Evidence-Based design guideline for deep energy retrofit of existing schools (\$25,000 + \$25,000 CS).
- 2012 Certain Teed/Saint Gobain - IEQ Testing and Characterization, Principal Investigator: Measuring and Visualizing the Impacts of Advanced Building Materials on Indoor Environmental Quality, Building Performance, and Occupants' Comfort in Retrofitted School Buildings. (\$12,000 + \$8,000 CS).
- 2012 Biological & Ecological Engineering - Oregon State University, Principal Investigator: Design Assistance and a Basis of Design Report for a retrofit and addition analysis for Gilmore Hall (\$3,000).
- 2012 Oregon Built Environment and Sustainable Technologies, Principal Investigator: Facade Integrated Technologies (FIT) Testing Facility Lab Investment II: Additional Funding for lab instrumentation and programming (\$10,000).
- 2011 Oregon Transportation Research and Education Consortium, Co-principal Investigator: Making Transportation Cool; Quantifying the Impacts of Alternative Transportation Strategies on Human Behavior and Health. (\$300,000).
- 2010 Oregon Built Environment and Sustainable Technologies, Principal Investigator: Facade Integrated Technologies (FIT) Testing Facility Lab Investment: Funding to construct a full-scale living building lab for research and testing of dynamic facade design and products (\$273,000 + \$10,000 Cost Share [CS]).
- 2010 Northwest Energy Efficiency Alliance - Better Bricks, Co-principal Investigator: Oregon Sustainability Center Integrated Design Process (\$18,000 + \$5,000 CS).
- 2010 Oregon Transportation Research and Education Consortium, Principal Investigator: Green Schools in Gray Zones: an OTREC-funded project that is evaluating energy expenditure and human impacts of LEED schools zoning and land use strategies and their relationship to transportation choices for schools (\$98,046 + \$98,562 CS).

- 2010 Van Evra Bailey Research Excellence Fund, Principal Investigator: Guidelines for Green Schools: generate design patterns and evidence-based guidelines for employing sustainable strategies for green K-12 schools' new construction and retrofits with emphasis on linking design strategies to schools' operation and pedagogy (\$25,000 + \$8,000 CS).
- 2010 CBT Architects, Boston, MA, Principal Investigator: "Quantifying Sustainable Design Tools and Techniques for Architects and Designers." Design assistance and consulting services for CBT Architects to integrate energy simulation and environmental analysis during early schematic design stages and form-generation processes (\$10,000).
- 2009 Oregon Entrepreneurship Program-Translational Research Grant, Principal Investigator: "Solar Awnings - Testing and Marketing Plan for an Innovative Green Buildings System Prototype." Research, Development, and Demonstration for translating the research of a photovoltaic awning and lighting system into a marketable prototype (\$37,500).
- 2009 MulvannyG2 Faculty Research Excellence Award, Principal Investigator: "GATE: Green Affordable Teaching/Learning Environments." Design guidelines for retrofitting existing classrooms for energy efficiency and improved student performance (\$10,000).
- 2009 University of Oregon, Faculty Summer Research Award
Principal Investigator: "Green Classroom Toolbox - Data Collection and Meta-Analysis for Benchmarking Green Schools Performance." (\$4,500).
- 2008 Oregon University Systems - Office of Capital Projects, Co-principal Investigator: "Big-Tech PVs: Building Integrated Green Technology Photovoltaic Awning and Lighting Prototype." Design Assistance Support to research, design, and demonstrate a photovoltaic awning and lighting system prototype (\$75,000).
- 2008 AIA Board of Knowledge Research Program, Principal Investigator: "Green Classrooms Design Tools: Retrofitting Educational Facilities for Carbon Neutrality and Indoor Comfort." Developing evidence-based guidelines for classrooms to maximize students' performance and net-zero energy operations (\$7,000 + \$50,000).
- 2008 YEON Faculty Research Award, AAA, University of Oregon, Principal Investigator: Through the Looking Glass: Regional Architectonics and Sustainable Aesthetics in the Works of John Yeon and Hassan Fathy (\$8,000).
- 2008 Mulvanny G2/Joel Yamauchi Memorial Studio Award, Principal Investigator: JEWEL: Joint Entertainment Civic Center, Lake Elsinore, California - Studio Curriculum Development (\$5,000).
- 2008 University of Oregon, Principal Investigator: Office of the Vice Provost for Academic Affairs/Department of Architecture, Research Advancement Career Award (\$60,000).
- 2007 AAA Research Awards - Finrow Faculty Research Award, Principal Investigator: "Greening the Hospital of the 21st Century: Case Studies in European High-Performance Hospital Design." Support to conduct preliminary fieldwork" (ECDGET) (\$4,500).
- 2006 Lighting Research Center (LRC), Department of Energy Daylight Dividends Program, Principal Investigator: "The Relationship Between View Quality and Employee's Sick Leave in Offices" (\$20,000 + 32,500 matching funds [2 GTF positions + course release + statistical consultant pro-bono fees])
- 2005 Oregon Survey Research Lab (OSRL) Faculty Fellowship, Principal Investigator: "Healthy Offices I: The Relationship Between Daylighting Quality and Employees' Satisfaction and Health in Work Environments." A grant from the Office of the Vice President of Research to study the relationship between daylighting, indoor lighting quality, and employee absenteeism and health (\$5,000 + 3-course release).
- 2005 Oregon Survey Research Lab (OSRL) Faculty Fellowship, Principal Investigator: "LEEDing Performance: Post Occupancy Evaluation of the Lillis Business School, LEED Gold Rated Building, The University of Oregon." Consultant for the Oregon Survey Research Lab to conduct an extensive analysis and performance evaluation for the University of Oregon's first LEED-certified high-performance building (\$8,000).
- 2005 Williams Seminar Award, Principal Investigator: "Sustainable Design Research: Special Studies in Environmental Controls Systems - Small Seminars Curriculum Development (\$2,000).
- 2004 Joel Yamauchi Memorial Studio Award, Co-principal Investigator w/. Donald Peting: "Re-cycling Buildings: Sustainable Adaptive Reuse of Historical Buildings - Studio Curriculum Development." A grant from MulvannyG2 Architecture of Seattle, WA. (\$2,500).
- 2003 University of Oregon, Educational Technology Program
Principal Investigator: "BEAM: Building + Environment Analysis Module." Technology Grant to design and implement an interactive virtual lab for monitoring building performance and occupant comfort (\$10,000).

- 2002 University of Oregon, Educational Technology Program (Ed_Tech), Principal Investigator: BEAM: Shedding Light on Building Performance Education (\$10,000).
- 2022 University of Oregon, Faculty Summer Research Award, Principal Investigator: "Healing Lights - Environmental Quality Guidelines for Hope Lodges and Cancer Recovery Facilities." (\$4,500).
- 2001 University of Oregon, Office of Research and Development, Principal Investigator, Seed Start-up Grant to initiate research program (\$15,000).
- 2001 University of Wisconsin-Milwaukee, Principal Investigator, Summer Research Fellowship, Support from the Graduate School to support the Ph.D. Dissertation manuscript completion (\$3,000).
- 2000 University of Wisconsin-Milwaukee, Research Travel Grant, Principal Investigator. Conference travel support to present accepted papers at EDRA & ACSA conferences (\$500).
- 2000 Environmental Design Research Association, EDRA Travel Grant. Ph.D. Dissertation fieldwork funding (\$500).
Heschong Mahone Group, Sacramento, CA, Co-Principal Investigator and Project Manager on the following five funded research projects:
- California Energy Commission. PIER Program: Daylighting and Productivity Studies (\$3,000,000).
 - California Energy Commission, CASE Initiatives, Lighting Technology and Controls for the California Title 24 energy code revisions of 2004. (\$60,000).
 - Energy Design Resources, Skylighting in Commercial Buildings: Improvements are Real! (\$5,000).
 - South California Edison (SCE), Designed for Comfort Program. (\$100,000 - 1st phase).
 - New York State Energy Development Authority (NYSERDA), Northeast Commercial Skylighting Market Transformation (\$130,000).
- 1999 University of Wisconsin-Milwaukee, School of Architecture & Urban Planning (SARUP), Faculty Memorial Award, Consuming Architectural Heritage Through Adaptive Reuse. Research and Analysis to produce a publication and traveling boards for a national exhibition in the ACSA regional conferences (\$600).
- 1998 The University of Wisconsin-Milwaukee, Dissertation Fellowship, Principal Investigator: "Ten Palaces Tell their Stories: Environmental Quality Assessment of Offices Inside Adaptively Reused Historical Palaces in Cairo, Egypt." UWM top dissertation proposals on the university level (\$18,000 + full-year graduate tuition remission).
- 1997 American Research Center in Egypt (ARCE), Ford Fellowship, Principal Investigator: From Palaces to Organizations: Adaptive Reuse Strategies and Occupant Comfort inside Cairene Work Environments. Ford Foundation Development Grant (\$15,000).
- 1997 University of Wisconsin, Graduate School, Tuition-Remission Scholarship (equiv. \$10,000).
- 1997 University of California-Berkeley, Center for Environmental Design Research, Vital Signs Project, Primary co-investigator w/. Michael Utzinger: "Vital Signs of Wisconsin's Buildings." Equipment for the study of building performance in architectural schools, 1996-1997 (Valued at \$25,000).
- 1997 Penn State University, Twelfth Annual Research Competition, Principal Investigator: "The Effect of Tilted Windows on Occupants' Visual Comfort in Non-Orthogonal Office Spaces." (First place winner of the competition). (\$1,000 + Travel expenses).
- 1996 IFMA Foundation Discovery Institute Research Grant, Principal Investigator: "The Effect of Tilted Windows on Occupants' Visual Comfort in Non-Orthogonal Office Spaces." (\$500 + Publication of Manuscript).
- 1996 International Facility Management Association (IFMA) Scholarship, Principal Investigator: "Towards a New Model of Thermal Comfort in Office Buildings." S.W. Wisconsin Chapter (\$500 + Membership).
- 1995 University of Wisconsin-Milwaukee, School of Architecture and Urban Planning. Teaching Assistantship, Grant to support doctoral students for teaching and research in their first three years of their Ph.D. program (\$24,000 + Tuition Remission).
- 1994 Peace Fellowship, Joint Exchange USA-Egypt Scholars Program, Professional Training and Research in environmental design and energy-efficient buildings (\$28,000 + tuition & travel).

CREATIVE PRACTICE

- 2026- **St. Mark Hotel: Adaptive Reuse** 30-room Historical Hotel, Indianapolis, IN
Consultant: High Performance Building Analysis and Value Engineering.
- 2025- **Cascara House:** Net-Zero House, Eugene, OR (In programming and concept design phase)

- 2024- **Massive Light: Rehabilitation and Addition to a Northwest Mid-Century House by Architect John Storrs**, Portland, OR
Designer: Architecture, Interior Architecture, Historic Preservation Plan, and Furniture Design (In programming and concept design phase)
- 2023- **Beit Ghandour - Solar Canopy: Net-Zero House, Cottage Grove, OR** (In schematic design phase)
Designer: Massing and Preliminary feasibility design for a net-zero private residence.
- 2022: **Helios House, Net-Zero Ready House, Santa Monica, CA -**
Sustainability Consultant: For a Net-Zero 2500 S.F. Residence in Santa Monica, CA with Hatch Architects Inc.
- 2021: **Stairway-To-Heaven Residence, Net-Zero House, Venice Beach**
Sustainability Consultant: For a Net-Zero 5200 S.F. Residence Remodel in Venice Beach, CA with Hatch Architects Inc.
- 2020: **Saint-Gobain Corporation, Northborough Research Center, Building 3**
Designer Facade retrofit for an 80,000 Sq.ft. All-glass LEED office building, Northborough, MA.
- 2018: **Trezona Residence, Eugene, OR**
Lighting Designer: Mood and Gallery Studies of the Great Room for a case study house in Eugene, OR.
- 2017: **Presans Inc. - Orsay, France - Consultant:** Design and applications of innovative roofing technologies in buildings.
- 2014: **Cavin Travelling Fellowship:** Curator/Jury Coordinator/Juror: Curator and author for the design brief and designer for the theoretical traveling competition sponsored by Cavin Foundation.
- 2014 **McFaden Residence - Consultant:** Master Planning, adaptive reuse, and deep energy retrofit for a 3,000 S.F. Private residence in Eugene, Oregon.
- 2012: **Finzer Court Residence - Principal Designer:** Interior, Lighting, and Furniture design of a 7,000 S.F. residence in Portland, OR.
- 2010 **Islamic Center of Eugene - Principal in Charge/Project Designer:** A proposal for the design of a mixed-use community complex consisting of a prayer hall (mosque), nursery school, multi-purpose hall, and hostel (6,000 sf.).
Sustainability Consultant: For a Net-Zero 2500 S.F. Residence in Santa Monica, CA with Hatch Architects Inc.
- 2010: **Hayden Gallery Lighting and Acoustical Design:** School of Architecture and Allied Arts, University of Oregon.
- 2009: **Classroom Challenge Competition:** Principal in Charge/Project Designer: Charlemagne Challenge, Adapting a K-12 school to net-zero.
- 2008: **Regenerative Affordable Housing Prototypes**
Co-Principal in Charge/Sustainability Consultant: Design and analysis for affordable regenerative green housing prototypes and modules for the Kennedy High School Community, Cottage Grove, OR.
- 2008: **Zonal Courtyard House**
Principal in Charge/Project Designer: A design proposal for the design of a net-zero energy private residence in New Cairo, Egypt.
- 2006: **Business Bay Office Tower, Dubai, UAE (invited competition)**
Principal in Charge/Project Manager: A proposal for Sidra Limited Development Co., Developed technical and financial proposals for the design and construction supervision of a high-performance 30-story high-end modern business center.
- 2006 **Gemxija Housing Competition, Xemxija Hill, Malta (invited proposal)**
Principal in Charge/Project Manager: A proposal for Miriam Development Co., developed technical and financial proposals for the design and construction supervision of a medium-rise residential and commercial complex with 176,00 sq. meters.
- 2005: **Peace Health Medical Group: Lighting Patterns For River Bend Hospital**, Springfield, Oregon
Design Consultant: for various lighting systems design and evaluation for a new state-of-the-art hospital that maximizes energy performance, and visual comfort, and reduces medical errors in Nurses' Stations, Nurses' Booths, and Doctor's offices.
- 2004: **POST Case Study House: Zero Energy Residence, Eugene, OR**
Principal in Charge/ Project Architect: A design proposal for a zero-energy high-performance case study house for POST Development, Inc. A 2,000 sq. ft. house in Eugene, OR.
- 2003: **MALAMA Environmental Learning Center, International Competition**
Project co-Designer: for a competition entry with Randal Teal and Lars Bleher for a unique hybrid sustainable building complex to shelter a mix of educational spaces that advances conservation and celebrates the natural and cultural heritage of Hawaii via the performing and visual arts.
- 2003: **'INSIDE THE BATHROOM' International Design Competition**
Principal in charge/Main Designer: competition entry with graduate student Judy Ou for the design of a hybrid water-conserving bathroom system for the Designboom and 'WC water concept' Salone dell'arredo bagno, Milan - Italy.

- 2002: **Adaptive Reuse of Beit Alrazaz Conservation Project, Cairo, Egypt**
Project Consultant for the USAID, Egyptian Antiquities Project (EAP) for environmental upgrades and the design of a mixed-mode ventilation system, lighting/daylighting, and acoustics for the reuse of a 14th-century palace's service quarters as administrative offices for the EAP.
- 2001: **South California Edison (SCE). Designed for Comfort Green Multi-Family Housing**
Project Consultant with HMG, Sacramento, CA, providing design assistance, education, and energy consultation to architects, developers, and engineers to produce energy-efficient housing for Los Angeles and Riverside service territories in Southern California.
- 1998: **Garden City Rehabilitation and Adaptive Reuse Project**
Project Architect for the Governor of Cairo's Urban Planning and Conservation Office for the Rehabilitation and Adaptive Reuse Feasibility Study of Garden City Historical Quarter, Cairo, Egypt.
- 1995: **El Ghophran Mosque, Nasr City - Egypt**
Principal Architect, iDC Studio. Architectural design, construction drawings, and site supervision for 200 sq m. Prayer Hall.
- 1994: **Yokohama Port Terminal International Competition, Japan**
Designer/Architect, in Collaboration with Peter Magyar, AIA.
- 1993: **"Rococo" Residence**
Principal Architect, iDC Studio. Interior Design, Construction Drawings, and Furniture Design, Heliopolis, Cairo, Egypt.
- 1992: **"Cube" Residence**
Principal Architect, iDC Studio. Interior Design, Construction Drawings, and Furniture Design, Zamalek, Cairo, Egypt.
- 1991: **"Complex" House**
Principal Architect, iDC Studio. Architectural Design and Construction Drawings for a multi-family residential complex at Jubail Farouki Quarter - Saudi Arabia.
- 1988-93: **Senior Architect/Architecture Team Leader with the Engineering Consultant Group (ECG) International, Cairo, Egypt**
Designer and Principal Architect, for the following projects:
- Abu Dhabi National Oil Company Administration Building (ADNOC), Abu Dhabi - UAE. (Competition - Won 1st Prize). Commissioned to produce the final design as well as architectural and engineering services and site supervision.
 - Petrobel Administration Building, Headquarters, Nasr City - Egypt.
 - (Competition, won 2nd prize).
 - ZADCO Camp Facilities, Residential & Recreational Buildings, Zirku Island - Abu Dhabi - UAE
 - El Moltaka El Arabi Quarter - Residential complex & villas, Dallah Al-Baraka Complex, Almaza, Cairo - Egypt
 - Qasr El Eini - Multi-Story Car Park and Staff Housing - Cairo.
 - HSC Clubhouse & Dining Halls for Heliopolis Sporting Club Rehabilitation Cairo - Egypt
 - Suez Canal Bank Headquarters (Competition - Won 2nd Prize)
 - World Health Organization - Regional Offices Rehabilitation & Reuse, Alexandria, Egypt. (Competition, won 1st prize & commission)
 - Faisal Bank, main branch, headquarters, and commercial center- Cairo.
 - (Competition, honorable mention).
 - Ballet School + Residence for Mrs. Samia Alouba- Maadi - Egypt.
 - El-Boustan Tower, Offices - Commercial Center & Car Park, Cairo.
- 1987: **Courtyard Retreat - Sharkia, Egypt**
Principal Designer for a minimal country retreat, 100 sq. m.

LECTURES (selected)

1. Net-Zero Buildings Go Mainstream – Keynote Lecture, BEND City Club Forum, Bend, Oregon, October 16, 2025.
2. Architecture as Resistance - Keynote Lecture, Thesis Studio Review, Kuwait University, Kuwait, December 18, 2024.
3. Architecture of the Great Indoors: Fractal Patterns As A Design Primer. Faculty Perspective Series, University of Oregon IntroDucktion, Eugene, OR, USA, July 20, 2024.

4. Can Nature Provide a Blueprint for Better Architecture? Faculty Perspective Series, University of Oregon IntroDucktion, Eugene, OR, USA, July 7, 2023.
5. Transforming Architecture: Data-Driven Design. CalPoly Lyle Center, Lecture Series. CA, USA September 20th, 2021.
6. Space As Information: Data Disruptions in Research and Practice. ICROM Keynote Address. Türkiye, May 20th, 2021.
7. The Architecture of the Great Outdoors: Design with indoor fractal patterns of biophilia. Group Mackenzie IGNITE Lecture Series. Online Webinar, November 12th, 2020.
8. Net-Zero Schools: From Process to Impacts. Energy Trust of Oregon Lecture and Training Series. Portland, OR, USA, February 25th, 2020.
9. Net-Zero Schools: From Process to Impacts. Energy Trust of Oregon Lecture and Training Series, Eugene, OR, March 3rd, 2020.
10. Net-Zero Schools: From Process to Impacts. Energy Trust of Oregon Lecture and Training Series. Bend, OR, March 5th, 2020.
11. Space as Information: Data-Disruptions in Research and Practice. University of Hong Kong. Department of Architecture Fall Lecture Series, Hong Kong. December 14, 2018.
12. Disruptive Building Technologies: Indoor Environmental Quality as Proetus and Panacea. Keynote Address for Saint-Gobain North America Building Science Research Seminar on Sustainable Building Practices. Malvern, PA, November 4, 2017.
13. Visualizing Multi-Comfort: Indoor Environmental Quality from a Human-Centered Perspective. Saint_Gobain Building Science Day, Northborough, MA, July 21-22, 2017.
14. Spatial Impacts of Indoor Environmental Quality on Students' Performance in K-12 Schools. Multi-Comfort in Commercial Buildings. Saint_Gobain Building Science Day, Paris, France, September 1-3, 2015.
15. An Indoor Environmental Quality Toolbox: Recent Research Projects with Saint-Gobain. SGCP Building Science Research Seminar on Sustainable Buildings Practices and Innovations. Northborough, MA, July 21-22, 2015.
16. 20/20: Evidence-Based Retrofit Strategies for Smart Schools. Council of Educational Facilities and THA architects, Portland, OR, July 14, 2014.
17. Solar Stream: Facade Integrated Photovoltaic Technologies for Building Retrofits. Army Corps of Engineers, Salem, OR - Sustainability Lecture Series.
18. Daylight Delight: Management/Measurement/Meaning. SGCP Building Science Research Seminar on Daylighting Management. Northborough, MA, July 22-23, 2014.
19. Research Perspectives on the Impact of Sustainable Design on Health & Wellbeing World Congress for Design and Health Symposium, Doha - Qatar, November 13-15, 2013.
20. Visualizing Environmental Quality: Quantifying Spatial Impacts on People + Buildings. CertainTeed_Saint Gobain Building Science Research Seminar, Northborough, MA, October 7, 2013.
21. The Future is Triple Green: Integrating Building Science Research in Architectural Design Practice and Education, Kuwait, Kuwait University, December 19, 2012.
22. Integrating Building Science Research in Architectural Design and Education. King Abdelaziz City for Science & Technology (KACST), Riyadh, KSA, December 3, 2012.
23. Daylighting by Design: AIA Arch 2030 Professional Series - AIA Committee on the Environment and Arch 2030, San Luis Obispo (+ Various other locations nationally), February 2012.
24. On a Highwire: Post-Occupancy and Building Performance Evaluation of A LEED Platinum Building. AIA Health Forum, Seattle, WA, February 2012.
25. Healthy, Wealthy, Wise. Triple Green Indoor Environmental Quality and High Performance Buildings. Northwest USGBC/Cascadia Chapter, Eugene, OR. December 8, 2009.
26. Indoor Environmental Quality and Green Buildings. Sustainable Buildings Advisor Lecture Series, Portland, Eugene & Bend, OR, December 2007-2019.
27. Made of Light. Sustainable Buildings Advisor Lecture Series, Portland, Eugene & Bend, OR, December 2007-2019.
28. Greening the Building Envelope - Strategies, Tools and Methods. Executive Energy Management Certificate. Northwest Energy Management Institute, Eugene, OR, July 2009-2018.
29. Sustainable Development and Green Buildings. Panelist in the Sustainable Business Symposium. School of Law, University of Oregon, Eugene, OR April 11, 2008.
30. Metamaterials: Media for Sustainable Design. MulvannyG2 Architecture. Headquarters Bellevue, WA, September 16, 2007.

31. Sustainable Design Process: A Conceptual Model for Future Business Transactions. Regional Information Technology Institute (RITI), Zamalek - Cairo, Egypt, January 5, 2005.
32. "Sustainable Architecture: a Design Agenda for Now and Next." Invited public lecture. Rotary Club of Heliopolis, Cairo, Egypt, December 20, 2004.
33. "Recycling Buildings: Consuming Sellwood's Historical YMCA." Invited public lecture and exhibit of student work from the Recycling Buildings Studio of Winter 2004. Sellwood - Morland Community Partnership, SMILE station, Sellwood, Oregon, April 12, 2004.
34. "Sun Tracking and Sound Tracing - Poetics of Light & Sound in the Design Studio." Invited theme paper, in Ecological Design Review, University of Oregon, Fall 2003.
35. "Recycling Buildings and Sustaining History." Invited public lecture for Sellwood - Morland Community Partnership, SMILE station, Sellwood, Oregon, August 16, 2003.
36. "Sellwood Train Barns - Adaptive Reuse Design Proposals." Exhibition of Student Work. SMILE Station, Sellwood, Portland, August 2003.
37. "The Space, The Substance, & The Surface: Interpretations on the Role of Technology in Architecture." School of Architecture & Allied Arts, Faculty Lecture Series - University of Oregon, Fall 2002.
38. "History as an Asset for Sustainability." Invited Lecture, HOPES Conference, University of Oregon, Spring 2002.
39. "Daylighting Makes a Difference!: Skylighting Commercial Buildings." Energy Design Resources, day-long workshops and seminars on commercial skylight design for architects, engineers, and building owners, and Various Organizations, including local AIA, CSI, and IES Chapters in California. Fall 2000 & Spring 2001.
40. "Consuming History-Adapting Space." Association of Collegiate Schools of Architecture (ACSA). Initiative for Architectural Research, Traveling Exhibition in ACSA and AIA regional and national conferences, 1999.
41. "From Palaces to Organizations: Building Adaptive Reuse in Cairo 1850-1950." The American Research Center in Egypt - Fall Public Lecture Series, Nov. 1998.
42. "Architectural Research: Recent Projects," School of Architecture and Urban Planning, University of Wisconsin-Milwaukee, Doctoral Research Exhibition, Fall 1997.
43. "Comfort Research and the Quality Work Environment." The Johnson's Control Institute for Environmental Quality in Architecture, Milwaukee, Wisconsin, Spring Lecture Series, April 1997.
44. "Occupant Comfort in Non-orthogonal Office Spaces with Tilted Windows." Penn State University, Twelfth Annual Graduate Research Exhibition, Spring 1997.
45. "A Tale of Two Houses." Vital Signs Traveling Exhibition, North America, 1997-1998 - Winning entries in the Vital Signs Case Study Competition 1996-1997, ACSA Schools of Architecture in the USA and Canada.
46. "Office Buildings - New Perspectives and Modern Challenges" - Winning entries in the Suez Canal Bank Design Competition - Cairo - 1992.
47. "Research Labs for the 21st Century." Top University Architectural Graduation Projects - Egyptian Society of Architects - Cairo, Egypt - 1988.
48. "Ain Shams University, Architectural Department Yearly Exhibition" - Architectural Exhibition Hall - Cairo, Egypt - 1985, 1986, 1987, and 1988.

PATENTS AND LICENSES

[Agency, Title, Role, Collaborators, Year]

TEACHING

UNIVERSITY OF OREGON TEACHING

All listings below are performed with the Role of Professor/Sole unless otherwise noted.

Term	Course Number	Course Title	Sp. Location	Credits	Enrollment
W'26	Arch 4/584	Intermediate Design Studio Layers of History/Layers of Space: A Net-Zero Adaptive Reuse of the Galleria, Portland, OR ACSA COTE Top 10 Design Competition		6	15
F'25	Arch 4/589	High-Perf. Bldgs. Seminar: Dynamic Façade Intelligence		4	11
S'25	Arch 4/592	Required Course: ECS II (Dual Location) Environmental Control Systems II	EUG/PDX	4	146
	Arch 4/586	Terminal/Thesis Design Studio ACSA COTE Top 10 Design Competition		8	16
W'25	Arch 4/585	Terminal/Thesis Design Studio Solar Decathlon Design Competition		8	16
F'24	Arch 4/507	Seminar: Architecture of Wellbeing		2	16
S'24	Arch 4/592	Required Course: ECS II (Dual Location) Environmental Control Systems II	EUG/PDX	4	126
W'24	Arch 4/584	Intermediate Design Studio Solar Decathlon Design Competition		6	16
F'23	Arch 4/510	Seminar: High-Performance Dynamic Facades Design and Simulation		4	12
S'23	Arch 4/592	Required Course: ECS II (Dual Location) Environmental Control Systems II	EUG/PDX	4	135
W'23	-	On Sabbatical Leave			
F'22	-	On Sabbatical Leave			
SU'22	Arch 4/584	Rome Studio (Study Abroad)	Study Abroad	6	20
SU'22	Arch 4/507	Rome: Contextualizing the City	Study Abroad	4	20
SU'22	Arch 4/507	Rome: Capturing the City	Study Abroad	4	20
S'22	Arch 4/592	Required Course: ECS II Environmental Control Systems II		4	128
W'22	Arch 4/584	Intermediate Design Studio Solar Decathlon Design Competition		6	15
F'21	Arch 4/510	Seminar: High-Performance Dynamic Facades Design and Simulation		4	19
S'21	Arch 4/592	Required Course: ECS II (full load) Environmental Control Systems II		4	124
W'21	Arch 4/584	Intermediate Design Studio Solar Decathlon Design Competition		6	16
F'20	Arch 4/510	Seminar: High-Performance Dynamic Facades Design and Simulation	EUG/PDX	4	20
Su'20	Arch 680	Studio: Synthesis - Intro. Graduate Design		6	15
S'20	Arch 4/592	Required Course: ECS II (full load) Environmental Control Systems II		4	125
W'20	Arch 4/584	Intermediate Design Studio Solar Decathlon Design Competition		6	15

F'19	Arch 4/510	Seminar: High-Performance Dynamic Facades Design and Simulation	4	19
S'19	Arch 4/592	Required Course: ECS II (full load) Environmental Control Systems II	4	118
W'19	Arch 4/510	Seminar: Facades Poetics + Performance	4	18
F' 18	-	On Paternity Leave		
S' 18	-	On Research Leave		
W' 18	Arch 4/584	Intermediate Design Studio Race 2 Zero: A net-positive School	6	17
Su'18	Arch 680	Studio: Synthesis - Intro. Graduate Design	6	13
F'17	Arch 4/507	Seminar: High-Performance Buildings Design and Evaluation (Straub Hall)	4	17
Su'17	Arch 680	Studio: Synthesis - Intro. Graduate Design	6	13
S'17	Arch 4/592	Required Course: ECS II (full load) Environmental Control Systems II	4	136
	Arch 510	Advanced Sustainable Lighting Design + (IES Portland Chapter - Professional CE)	4 8	20
W'17	Arch 4/584	Intermediate Design Studio The Place for Making and Making of Place	6	16
F'16	Arch 4/507	Seminar: High-Performance Dynamic Shades Design and Simulation	4	16
W'16	-	on Sabbatical Leave		
S'16	-	on Sabbatical Leave		
F'15	Arch 4/507	Seminar: High-Performance Dynamic Facades Design and Simulation	4	13
S'15	Arch 4/592	Required Course: ECS II (full load) Environmental Control Systems II	4	136
	Arch 508	Advanced Sustainable Lighting Design + (IES Portland Chapter - Professional CE)	4 8	20
W'15	-	Course buyout for a funded research project		
F'14	Arch 4/507	Seminar: High-Performance Dynamic Facades Design and Simulation	4	13
S'14	Arch 4/592	Required Course: ECS II (full load) Environmental Control Systems II	4	132
W/S'14	Arch 4/585	Advanced Terminal Design Studio Portland Centennial Mills	8	16
F'13	Arch 4/507	Seminar: High-Performance Buildings Design and Evaluation	4	20
Su'13	Arch 4/584	Intermediate Design Studio Re-Imagining Portland Centennial Mills	6	15
S'13	Arch 4/592	Required Course: ECS II (full load) Environmental Control Systems II	4	110
W'13	-	Research Buyout		
F'12	Arch 633	Seminar: History & Theory of Sustainable Design	4	8
W'12	Arch 4/584	Intermediate Design Sustainable Design Studio Elementary School Deep Retrofit	6	11
S'12	Arch 4/592	Required Course: ECS II (full load) Environmental Control Systems II	4	130
F'11	Arch 633	Seminar: History & Theory of Sustainable Design	4	4

W'11		Course Buyout to Pursue Funded Research Projects		
S'11	Arch 4/592	Required Course: ECS II (full load)	4	130
		Environmental Control Systems II		
F'10	Arch 4/507	Seminar: High-Performance Buildings	4	15
		Design and Evaluation		
W'11	-	Course Buyout to Pursue a Funded Research Project		
S'10	Arch 4/592	Required Course: ECS II (full load)	4	130
		Environmental Control Systems II		
	Arch 4/508	Seminar: Advanced Sustainable Lighting	4	12
W'10	Arch 4/584	Intermediate Studio	6	16
		Oregon Sustainability Center		
F'09	Arch 4/584	Intermediate Studio	6	16
		Green Classroom Toolbox - Portland, OR		
	Arch 4/507	Seminar: High-Performance Buildings	4	20
W'09	-	on Sabbatical Leave		
S'09	-	on Sabbatical Leave		
F'08	Arch 4/507	Seminar: High-Performance Buildings	4	16
		Design and Evaluation		
W'08	Arch 4/592	Seminar: Sustainable Electric Lighting	3	26
	Arch 4/586	Terminal/Thesis Studio	8	11
		JEWEL: Joint Entertainment/Civic Center		
S'08	Arch 4/592	Required Course: ECS II (full load)	4	140
		Environmental Control Systems II		
F'07	Arch 4/507	Seminar: Hi-Performance Building	2	13
		High Tech/Low Tech Strategies		
	Arch 4/585	Terminal/Thesis Studio	8	12
		JEWEL: Joint Entertainment/Civic Center		
W'07	Arch 4/586	Terminal/Thesis Studio	8	13
		PEARL: Performing East-West Arts Center		
W'07	Arch 4/507	Seminar: Hi-Performance Building	3	15
		High Tech/Low Tech Strategies		
S'07	Arch 4/592	Required Course: ECS II (full load)	4	142
		Environmental Control Systems II		
Su'07	Arch 4/507	Rome Architecture Program Director	12	16
		Studio + Media + Theory courses		
F'06	Arch 4/507	Seminar: Places of Cultural Exchange	1-2	13
		Thesis Prep. Seminar + Field Trip to Egypt		
	Arch 4/585	Terminal/Thesis Studio	8	13
		PEARL: Performing East-West Arts Center		
W'06	Arch 4/586	Terminal/Thesis Studio	8	15
		GEM: Global Environment Museum		
S'06	Arch 4/592	Required Course: ECS II (full load)	4	136
		Environmental Control Systems II		
F'05	Arch 4/507	Seminar: Hi-Performance Building	3	18
		High Tech/Low Tech Strategies		
	Arch 4/585	Terminal/Thesis Studio	8	15
		GEM: Global Environment Museum		
Su'05	Arch 680	Required Studio: Wall/Tower/Villa	6	14
		Graduate Design Studio I		

S'05	Arch 4/592	Required Course: ECS II (full load)	4	150
	Arch 399	Environmental Control Systems II		
		Williams Seminar: (overload)	1-3	8
		Sustainable Design Research		
W'05	-	Oregon Survey Research Lab Fellowship		
F'04	-	Oregon Survey Research Lab Fellowship		
S'04	Arch 4/592	Required Course: ECS II (full load)	4	140
		Environmental Control Systems II		
W'04	Arch 4/507	Seminar: Building_Light (overload)	3	8
	Arch 4/584	Design Studio: Recycling_Buildings	6	16
		Portland Adaptive Reuse Studio		
F'03	Iarc 4/592	Seminar: Advanced Lighting Design	3	19
	Arch 281	Design Studio: Corvallis Glass Institute	6	14
	Arch 281	Studios Coordinator		
Su'03	Arch 4/584	Design Studio: In_Between	6	14
		EMU Extensions, Univ. of Oregon		
S'03	Arch 4/592	Required Course: ECS II (full load)	4	135
		Environmental Control Systems II		
W'03	Arch 4/507	Seminar: Recycling_Buildings (overload)	2	14
W'03	Arch 4/584	Design Studio: Adaptive Reuse	6	16
		Layers of History_Layers of Space		
F'02	Iarc 4/592	Seminar: Advanced Lighting Design	3	17
	Arch 281	Design Studio: Corvallis Crafts Center	6	14
S'02	Arch 4/592	Required Course: ECS II (w/. A. Kwok)	4	136
		Environmental Control Systems II		
	Arch 182	Design Studio: The Place of Water	6	13
W'02	Arch 182	Design Studio: Poetry in the Garden	6	14
F'01	Arch 4/584	Required Course: ECS I (w/. A. Kwok)	4	127
		Environmental Control Systems I		
		co-Instructor		

TEACHING AT OTHER ACADEMIC INSTITUTIONS - University of Wisconsin-Milwaukee

Term	Course Number	Course Title	Role	Credits	Enrollment
F'99	Arch 522	Course: Arch. Lighting & Acoustics (w/. Prof. Jeffrey Ollswang)	co-Instructor	3	28
F'97	Arch 522	Course: Arch. Lighting & Acoustics (w/. Prof. Jeffrey Ollswang)	co-Instructor	3	32
S'97	Arch 201	Design Studio: Artist Studio/Residence	Instructor	6	15
		Architecture Fundamentals II			
F'96	Arch 200	Design Studio: Garden Pavilion	Instructor	6	15
		Architecture Fundamentals I			
S'96	Arch 520	Course: Arch. Lighting & Acoustics (w/. Prof. Michael Utzinger)	co-Instructor	3	22
F'95	Arch 100	Course: Introduction to Architecture (w/. Prof. Mark Keane)	Teach. Assistant	3	328

THESIS AND DISSERTATION COMMITTEES

Dissertations & Theses Supervised

1. Merve Dorgut, 2025-Date, Ph.D. Architecture Dissertation, **Chair**.
"The Relationship Between Daylighting Exposure and Sleep Quality and Mood of Army Veterans."
2. Jiahan Sun, 2024-Date, Ph.D. Architecture Dissertation, **Chair**.
"Physical and Phenomenological Thermal Alliesthesia: A Dynamic Approach to Adaptive Comfort in Architecture."
3. Jocelyn Lopez, 2024- 2025, M.Sc. Architecture **Chair**.
"The Impacts of Fractal Screens on Daylighting and Visual Comfort in School Classrooms."
4. Nasrin Golshany, 2019-2023, Ph.D. Architecture Dissertation (Awarded), **Chair**.
"The Impact of Human-Centric Lighting Parameters on Older Adults' Perception and Cognitive Performance."
5. Sharon Alitema, 2021-2022, M.Sc. Architecture (Awarded), **Chair**.
"A Post Occupancy Evaluation of Daylight Performance in Classrooms at River Road Elementary School for Optimal Visual Comfort in Climate Zone 4C."
6. Zia Mohajerzadeh, 2020-2022, M.Sc. Architecture (Awarded), **Chair**
"The Impacts of Dynamic Solar Screens on Energy Performance and Natural Ventilation Effectiveness in Office Buildings using CFD Simulation Under Different Climatic Conditions."
7. Dan Qin, 2020 -2022, M.Sc. Architecture (Awarded) **Chair**.
"Visual Preference, Mood, and Aesthetic Judgement of Human Centric Lighting in Office Spaces."
8. Sadiqa Al Awadh, 2017-2021, Ph.D. Architecture Dissertation (Awarded), **Chair**.
"Nine To Five: Design for Chronobiological Aspects of the Indoor Environment."
9. Niyati Naik, 2016-2021, Ph.D. Architecture Dissertation (Awarded), **Chair**.
"Dynamic Shading Screens for Commercial Buildings Facades - Exploring the Aliesthesia Hypotheses of Thermal Comfort."
10. Saeideh Nekouee, 2019-2020, M.Sc. Architecture, **Advisor**.
"Multi-Comfort Design Guidelines for Contemporary Courtyards in Commercial Buildings."
11. Hooman Parhizkar, 2018-2019, Ph.D. Architecture, **Advisor**.
"Impact of Vegetated Double Skin Facades on Indoor Environmental Quality and Occupants' Multi-Comfort"
12. Belal Aboushi, 2014-2019, Ph.D. Architecture Dissertation (Awarded), **Chair**.
"Pleasant Sunlight Patterns and Visual Comfort in Office Environments." Winner King Student Medal, Architectural Research Centers Consortium (ARCC)
13. Isabel Rivera, 2015-2016, Ph.D. Dissertation, **Advisor**.
"Developing Standards and Guidelines for Green K-12 Schools Retrofits and Ecological Teaching in Chile."
14. Tanvi Dahar, 2014-2016, M.Sc. Architecture Thesis (Awarded), **Chair**.
"Comparing Environmental Performance and Indoor Comfort of LEED Certified and Conventional Schools in Houston, Texas."
15. Shane O'Neil, 2013-2015, M.Sc. Architecture Thesis (Awarded), **Chair**.
"Assessing Occupant Energy Behavior from a Perception-action Cycle in Sustainable Buildings."
16. Ayesha Batool, 2012-2014, M.Sc. Architecture Thesis (Awarded), **Chair**.
"Quantifying Environmental Performance Of Jali Screen Façades For Contemporary Buildings In Lahore, Pakistan."
17. Joan Vorderbruggen, 2007-2008, M.Arch. Thesis, **Chair**.
"Feasibility and Barriers: Assessing Design Attributes for Occupants' Utilization of Operable Windows in Office Spaces."
18. Udawattage Gamini Weerasinghe, 2011, Ph.D. Dissertation, **External Examiner**.
"Development of a Framework to Assess Sustainability of Building Projects."
Department of Civil & Construction Engineering, University of Calgary, Canada.
19. Eric Carbonier, 2012-2017, Ph.D. Dissertation (Awarded) **Advisor/Committee Member**.
"Capillary Building Skins: Integrated Radiant Systems."
20. Joe Johnson, 2010-2015, M.Sc. Thesis, **External Examiner**
"Assessing Occupant Energy Behavior of Three Residential Building Typologies in Oregon with emphasis on energy retrofits and conservation strategies."

21. Tara Hanby, 2002-2005, M.Sc. Architecture Thesis (Awarded), **Chair**.
"Sustainable Design Barriers: Unveiling Constraints to LEED Certification in Oregon." Degree Awarded 2005. Winner King Student Medal, Architectural Research Centers Consortium (ARCC)

Independent Studies (selected)

Multiple independent studies and directed research with students with an average of 12 credits /term.

1. Merve Dorgut, 2025-Date, Various Independent Studies
2. Jiahua Sun, 2024-Date, Various Independent Studies
3. Jocelyn Lopez, 2024-Date, Various Independent Studies
4. Sherif Abdel Hamid, 2024-2025, Various Independent Studies
5. Nasrin Golshany, 2019 - 2021, Various Independent Studies
"Resilient Design Strategies of Health for Long-term Assisted Living and Elderly Care Settings."
6. Zia Mohajerzadeh 2020-2022, Various Independent Studies
"Indoor Air Quality of Double Skin Facades"
7. Dan Qin 2020-2022, Various Independent Studies
"Lighting and Film", "Lighting and Emotional Response"
8. Sharon Alitema 2021-2022, Various Independent Studies
"Daylighting Adaptations in LEED-rated schools"
9. Sadiqah Al-awad, 2018-2021, Various Independent Studies
10. Niyati Nail, 2016-2021, Various Independent Studies
11. Belal Abboushi, 2014-2018, Various Independent Studies
12. Tanvi Dhar 2014-2016, Various Independent Studies
"Sustainable Strategies for Retrofitting Contemporary Single Story Housing in India."
13. Halit Bayastas, Fall 2012-2014 Various Independent Studies
"Energy Efficient Strategies and Livable Urban Density for Multifamily Housing in Istanbul, Turkey."
14. Hala Hoffer, Fall 2009
"Energy Modelling and Simulation of high-performance materials for commercial buildings."
15. Tracy Bascue, Spring 2006
"Environmental Design Research Survey Methods and Instruments Developments."
16. Robert Cooley, Winter 2006
"Adaptive Use Architecture: Environmental Evolution in America."
17. Bailey Peplow, Spring 2005
"Developing Design Guidelines for Children Learning Spaces Using Evidence-Based Research."
18. T.J. Bates, Justin Helm, Kai Liang, Winter 2005
"UIA International Student Competition: Creating Space in Extreme and Extraordinary Conditions." Won the French First Prize in the Competition.
19. Joshua Chang, Tyson Gillard, Thomas Kosbau, Fall 2003
"Energy Revolution International Design Student Competition." (Won First Place)
20. Sangeetha Divakar, Winter 2003-Spring 2003
"Analysis of Wind Flow in Cool Towers."
21. Joe Snider, Fall 2002-Winter 2003
"The Environmental Argument for Historic Preservation."
22. Kathy Bash, Winter & Spring 2002
"Energy and Thermal Comfort Strategies in Mobile Architecture."

PROFESSIONAL CONTINUING EDUCATION

1. University of Oregon, Provost's Office, Leadership Academy, 2023-2024.
2. University of Oregon, Provost's Office, Teaching Academy, 2023-2024
3. University of Oregon, Teaching Effectiveness Program, Teaching with AI, Workshop, November 16, 2023.

4. University of Oregon, Teaching Effectiveness Program, Hybrid Teaching Institute, July 10-14, 2023.
5. Department of Energy, Building Science Teaching in Architecture Curriculum, 2012.
6. Department of Energy, Building Science Teaching in Architecture Curriculum, 2021.
7. University of Oregon, Teaching Effectiveness Program, Hybrid Teaching Fellowship, 2021-2022.
8. Department of Energy, Building Science Teaching in Architecture Curriculum, 2020.
9. Department of Energy, Building Science Teaching in Architecture Curriculum, 2019.

SERVICE

ACADEMIC SERVICE

University of Oregon

1. Campus Planning Committee, Member, 2024-Date
2. Continuous Improvement and Evaluation of Teaching Committee, Member, 2024-Date
3. Provost Leadership Academy, Member, 2003-Date
4. Provost Teaching Academy Advisory Board, Member, 2023-Date
5. Campus Learning Modalities Advisory Board, University of Oregon, Member, 2021-2023
6. Graduate Studies Council, University of Oregon, Member, 2019-2022
7. Campus Environmental Issues Committee, Member, 2018-2020
8. International Studies Committee, Member, 2018-2019
9. Solar Energy Center, Member, 2008-Date
10. Faculty Ombuds Committee, Member, 2017-2018
11. Campus Planning Committee, Member, 2013-2015
12. Campus Sustainability Council, Member, 2010-2013
13. Campus Sustainability Task Force, Member, 2007-2010
14. President's Faculty Advisory Council, Member, 2004-2006
15. University of Oregon Faculty Knight Library Reference Room redesign and lighting retrofits, Consultant, 2005
16. Erb Memorial Student Union, Master Planning Committee, Member, 2002-2004.
17. Faculty Instructional Technology & Training (FITT) Center, Advisor, 2002-2006.

University of Oregon College of Design

1. College of Design, Faculty Personnel Committee, Member, 2025-Date.
2. College of Design, Faculty Advisory Committee, Member, 2023-2025.
3. School of Architecture & Allied Arts, Diversity and Equity Committee, Member, 2006-2009.
4. School of Architecture & Allied Arts, Historic Preservation Committee, Member, 2004-2006.
5. School of Architecture & Allied Arts, Research Liaison Committee, Chair, 2003-2004.
6. School of Architecture & Allied Arts, Research Liaison Committee, Member, 2002-2003

University of Oregon Department of Architecture

1. Ph.D. Program in Architecture Committee, Member, 2010-Date.
2. Faculty Search Committee, Architectural Structures, 2024-2025.
3. Architectural Research Centers Consortium, Departmental Representative, 2017-Date.
4. Department of Architecture, Graduate Admissions Committee, Chair, 2016-Date.
5. Director of Graduate Studies, Department of Architecture, 2018-2022.
6. Department of Architecture, Graduate Studies Committee, Chair, 2018-2022.
7. Department of Architecture, Graduate Admissions Committee, Chair, 2018-2022.
8. Awards and Scholarships Committee, Member, 2010-2022.
9. Department of Architecture, Faculty Personnel Committee, Elected Chair, 2017-2019.
10. Faculty Search Committee, Member, 2017-2018 & 2020-2021
11. John Reynolds Sustainability Symposium Committee, Member, 2014-2015.
12. Institute for a Sustainable Environment, Member, 2012-2014.
13. Center for Housing Innovation, Member, 2005-2012.
14. Department of Architecture, Baker Lighting Committee, Member, 2001-2015.
15. Lectures and Exhibitions Committee, Member, 2009-2011.
16. Faculty Personnel Committee, Elected Member, 2007-2009.

17. Department of Architecture, NAAB Exhibit Committee, co-Chair, 2006-2007.
18. Department of Architecture, Graduate Research Committee, Member, 2004-2006.
19. Department of Architecture, Intermediate Design Studio. Studio Coordinator, 2003-2004.
20. Department of Architecture, Faculty Research Colloquium Committee, Chair, 2001-2003.

External Academic Service

1. Harvard University, School of Public Health, Promotion to Professor, External Reviewer
2. Arizona State University, The Design School, Tempe, AZ, Promotion and Tenure to Associate Professor, External Reviewer.
3. Imam Abdulrahman Bin Faisal University (University of Dammam) Promotion to Associate Professor, External Reviewer
4. American University in Beirut, Department of Architecture, Promotion to Associate Professor, External Reviewer
5. Clemson University, Department of Architecture, Promotion to Professor, External Reviewer
6. North Carolina State University, Department of Architecture, Promotion to Professor, External Reviewer
7. University of Kansas, Department of Architecture, Promotion to Professor, External Reviewer
8. University of Illinois-Urbana-Champaign, Department of Architecture, Promotion to Professor, External Reviewer
9. Bilkent University, Türkiye, Department of Architecture, Promotion to Associate Professor, External Reviewer

PROFESSIONAL SERVICE

Leadership Positions

1. Vice-President/President-Elect, Architectural Research Centers Consortium (ARCC), 2024-Date
2. Chair, Architectural Research Centers Consortium (ARCC), Awards Committee, 2023-Date
3. Member, Advisory Board, Energy Trust of Oregon & Washington, 2018-Date
4. Chair, Environmental Design Research Association (EDRA), Human-Centric Environments, EDRA 55-PDX, International Conference, Portland, Oregon, June 19-22, 2024
5. Expert Provider, International Well Building Institute, Occupant's Survey, 2018-2022
6. Expert Faculty, AIA + ARCH 2030 Program 2010-2020
7. President-Elect/President/and board member Society of Building Science Educators, SBSE 2009-2015
8. Director at Large/Board Member, Architectural Research Centers Consortium (ARCC), 2019-2024
9. Chair/Member, Sustainable Design Awards Committee, World Congress for Design and Health, 2013-2015
10. Appointed Member, USGBC Research Advisory Committee, 2010-2014
11. Appointed Member, World Congress for Design and Health, Scientific Committee, 2012-2014
12. Chair- Daylighting and Automation Track, ASES/Solar Conference 2013
13. Chair- Society of Building Science Educators Retreat, Mt. Baldy, California, 2013
14. Chair, Illumination Engineering Society (IES) Health and Light Committee 2009-2019, Team Leader, 2009-2011

Other Professional Service Positions

1. Member, Illumination Engineering Society (IES) Daylighting Design Committee, 2008-Date
2. Member, Illumination Engineering Society (IES) Daylighting Metrics Committee, 2023-Date
3. National Science Foundation, Engineering Centers Panel, Panelist, 2019-2024
4. Expert Faculty, DOE Energy Management Program (EMC2), Lane Community Energy Institute, 2007-2019
5. Concept Advisor, International Well Building Institute, Air & Thermal Comfort, 2018-2020
6. Member, Editorial Board of Archnet-IJAR, 2007-2018
7. Expert Faculty, Sustainable Building Advisor Program 2007-2017
8. Journal Paper Reviewer, Various Journals and Conferences:
 - ARCC Conferences 2012-Date
 - Leukos, Journal of Illumination Engineering Society, 2025, 2026
 - Buildings and Environment, 2023a, 2023b, 2025, 2026
 - Journal of Environmental Psychology, 2021, 2022, 2023a, 2023b, 2024
 - Energy and Buildings, 2021

- Indoor and Built Environment, 2021
 - Technology and Architectural Design (TAD), 2020, 2021
 - EDRA Conferences 2003-2024
 - Journal of Architectural Engineering & Technology, 2019
 - Journal of Building Research Information. 2017
 - Journal of the International Solar Energy Society, 2012
 - American Association of Heating Ventilation and Air Conditioning Engineers (ASHRAE), 2017, 2015, 2014, 2012
 - Illumination Engineering Society of North America (IESNA), 2017
 - American Solar Energy Society (ASES/Solar), 2002-2016
9. Member, Conference Scientific Committee - Various Conferences - 2012-Date
 - Architecture Research Centers Consortium (ARCC) 2007-Date
 - Environmental Design Research Association (EDRA) 1996-2024
 - Association of Collegiate Schools of Architecture Annual Meeting (ACSA) 2009-2023
 - Passive and Low Energy Architecture Association (PLEA) 2009-2020
 - International Building Performance Simulation Association (IBPSA) 2017-2020
 - USGBC Greenbuild National Conference and Expo (Greenbuild) 2010-2018
 - Sustainable Built Environment Conference (SBE) 2016
 - World Congress for Design and Health (WCDH) 2008-2014
 10. Invited Session Chair, ASES Conference, 2006, Daylighting Performance & Evaluation
 11. Book Reviewer, 2004-2005, John Wiley and Sons: Design and Construction Technical Books
 12. Invited Session Chair, Solar World Congress, 2005, Building Performance Evaluation
 13. Member, IESNA Portland Chapter, Educational Committee, 2003-2005, Strategic planning for IES educational programs and fellowships in Oregon.
 14. Consultant, Sellwood & Morland Preservation Committee, 2003-2005, Consulting and community design charrettes coordinator for adaptive reuse and preservation of historical properties in Sellwood, south of Portland, OR.

PROFESSIONAL MEMBERSHIPS

1. ACSA Member, American Collegiate Schools of Architecture, 2001-Date
2. ARCC Board member, Architecture Research Centers Consortium, 2019-Date
3. FEIA Fellow, Egyptian Institute of Architects, 1990-Date
4. FEES Fellow, Egyptian Engineering Society, 1988-Date
5. IESNA Member, Illumination Engineering Society of North America, 2006-Date
6. USGBC Member, US Green Buildings Council, 2007-Date
7. SBSE Member, Society of Building Science Educators, 2002-Date
8. EDRA Member, Environmental Design Research Association, 1996-2025
9. WELL Member, WELL Standards Approved Survey Committee, 2017-2022
10. ASHRAE Member, American Society of Heating Refrigeration and Air Conditioning Engineers, 2009-2018