

Name: Alaa Algargoosh

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Education

2021 **Ph.D. in Architecture-** Building Technology (Acoustics).
University of Michigan, United States.

2021 **M.Sc. in Architecture-** Building Technology
University of Michigan, United States.

2013 **M.Sc. in Architecture-** Sustainable Architecture
University of Dammam, Saudi Arabia.

2007 **B.Sc. in Interior Architecture**
King Faisal University, Saudi Arabia.

Academic Positions

2024- Ongoing **Assistant Professor in Architecture**, Virginia Tech.

2024- Ongoing **Research Affiliate at MIT Media Lab**, Massachusetts Institute of Technology.

2022- 2024 **Research Fellow at MIT Media Lab**, Massachusetts Institute of Technology.

2021- 2024 **Assistant Professor in Interior Design**, College of Design, Imam Abdulrahman Bin Faisal University.

2020 **Instructor in Performing Arts and Technology**, University of Michigan.

2016 - 2018 **Teaching Assistant in Architecture** at Taubman College of Architecture and Urban Planning, University of Michigan.

2013 - 2014 **Lecturer in Interior Design**, College of Design, University of Dammam.

2010 - 2013 **Teaching Assistant in Interior Design**, College of Design, University of Dammam.

Professional Experience

2008 **Project Engineer at Saudi Aramco**

2007 **Architect at Zuhair Fayeze Partnership Consultants**

Peer-reviewed Publications

Algargoosh, A; Alrasheed, H.; Astrom, H.; Yu, J., A Comparative Study of the Links between Psychoacoustic Indicators and Affective Responses in Indoor and Urban Soundscapes. (Under Review)
<http://dx.doi.org/10.2139/ssrn.5365346>

Caldas, Fernanda; Underwood, Samuel; **Algargoosh, Alaa;** Davies, Bill; Wilson, Wayne; Masiero, Bruno; Rosas-Pérez, Carmen; Caniato, Marco; Bettarello, Federica; Tufvesson, Catrin; Manley, David; Sivakumar, AJ; Wang, Lily (2024) "Ten questions concerning autism and auditory accessibility in buildings" Building and Environment" (accepted).

Xiao, X., Noh, H., Lefevre, A., Li, L., McKee, H., Algargoosh, A., & Ishii, H. (2025). *ReMirrorFugue: Examining the emotional experience of presence and (illusory) communications across time*. In *Proceedings of the 2025 CHI Conference on Human Factors in Computing Systems* (Article 1149, 26 pages). ACM. <https://doi.org/10.1145/3706598.3713328>

Hiroshi Ishii, Daniel Pillis, Pat Pataranutaporn, Xiao Xiao, Hayoun Noh, Lucy Li, Alaa Algargoosh, Jean-Baptiste Labruno; TeleAbsence: A Vision of Past and Afterlife Telepresence. *PRESENCE: Virtual and Augmented Reality* 2025; 34 65–95. doi: https://doi.org/10.1162/PRES_a_00441

Algargoosh, Alaa; Astrom, Hector; Alrasheed, Hend (2024). "Psychoacoustic and affective response analysis of soundscapes" InterNoise 2024 Conference, Nantes France **(Invited paper)**.

Algargoosh, Alaa., (2024). " The link between the acoustic characteristics of worship spaces case studies to their emotional impact" The Journal of the Acoustical Society of America 155 (5).

Algargoosh, A., Navvab, M., and Granzow, J. (2022). "A method for analyzing room modal response using auralization," *Applied Acoustics*, 195, 108859. doi:10.1016/J.APACOUST.2022.108859

Algargoosh, A., Soleimani, B., O'Modhrain, S., and Navvab, M. (2022). "The impact of the acoustic environment on human emotion and experience: A case study of worship spaces," *Building Acoustics*, , doi: 10.1177/1351010X211068850

Algargoosh, A. S. (2016). "Review of aspects that shape the aural experience in worship spaces," 23rd International Congress on Acoustics ICA2016, Buenos Aires. doi:10.1121/2.0000435.

Algargoosh, A. S., Eldien, H. H., and El-Wakeel, H. (2013). "Improving the indoor sound quality by using cymatic shapes" 21th International Congress on Acoustics ICA2013, Montreal, doi:10.1121/1.4799428.

Conference Presentations and Proceedings

Choi, J., **Algargoosh, A. (2025).** " Sound Panel Based on TPMS Resonators for Urban Noise Control," 189th Meeting of the Acoustical Society of America 189th Meeting – joint with the Acoustical Society of Japan, Honolulu, Hawaii. **(Under Review)**.

Wysocki, M., **Algargoosh, A., Hamida, A. (2025).** " Cognitive Restoration in Virtual Interactions with Indoor Acoustic Environments," 189th Meeting of the Acoustical Society of America 189th Meeting – joint with the Acoustical Society of Japan, Honolulu, Hawaii. **(Under Review)**.

Wysocki, M., **Algargoosh, A. (2025).** "Exploring the Restorative Potential of Indoor Acoustic Environments Through Real-Time Auralization," 25th International Congress on Acoustics ICA2025, Acoustical Society of America, New Orleans, USA. **(Invited presentation)**.

Algargoosh, A. (2023). “Aural Architecture and Well-being” Symposium on Music and the Brain centers around Sound, Space, and Spirituality.” Stanford University, Center for Computer Research in Music and Acoustics, Palo Alto. **(Keynote Speaker)**.

Algargoosh, A., Allam, A. (2023). "Parametric analysis of the impact of geometry on room modes at low frequencies using wave-based simulation," 184th Meeting of the Acoustical Society of America, Chicago, USA.

Algargoosh, A., Singh, N. (2023). "Using machine learning to reconstruct room geometry from an impulse response," 184th Meeting of the Acoustical Society of America, Chicago, USA.

Algargoosh, A. (2022). "Enhancing well-being through acoustic environments," 23rd International Congress on Acoustics ICA2022, Acoustical Society of America, Gyeongju, Korea. **(Invited Presentation)**.

Algargoosh, A. (2020). "Analysis of the acoustic characteristics of spaces relating to their emotional impact," Acoust. Virtually Everywhere.

Algargoosh, A. (2020). "The emotional impact of acoustic environments: cases studies of worship spaces," Virtual Summer Talks.

Algargoosh, A. ; Soliemani, B. (2019). "The impact of the acoustic environments on the emotional experience of worship spaces The 178th meeting of the Acoustical Society of America, San Diego. doi: 10.1121/1.5137477.

Algargoosh, Alaa; Granzow, J. (2019). "Developing a new method for analyzing room acoustics based on auralization," The 178th meeting of the Acoustical Society of America, San Diego. doi: 10.1121/1.5136710.

Algargoosh, A. (2017). "Creating a psychologically supportive environment through aural architecture," 24th International Congress on Sound and Vibration ICSV 2017, London.

Al-Ghamdi, Sarah A.; **Algargoosh, A.**; Alshaibani, K. A. (2015). "Energy conservation by retrofitting: an overview of office buildings in saudi arabia," International Conference on IT, Architecture and Mechanical Engineering (ICITAME'2015), Dubai. doi:10.15242/iie.e0515005.

Patents

Algargoosh, Alaa; Hossameldin, Hany; El-Wakeel, Hala. (2015). *Sound diffuser inspired by cymatics phenomenon*, United States patent, 9058799. doi:10.13140/RG.2.1.2092.2408

Algargoosh, Alaa; Hossameldin, Hany; El-Wakeel, Hala. (2015). *Sound diffuser inspired by cymatics phenomenon*, Saudi Arabia patent, 4439.

Other Publications

Algargoosh, Alaa; Granzow, J. (2019). *Developing a new method for analyzing room acoustics based on auralization "how can a room shape your voice?"*

Algargoosh, A. (2011). "The memory of the senses and architectural ethics," Albenaa Mag.

Grants

2025	Commonwealth Cyber Initiative (\$59,974) PI , Commonwealth Cyber Initiative Southwest Virginia.
2025	CHCI User Study Funding Award (\$400) PI , Center for Human-Computer Interaction at Virginia Tech.
2025	Mauro Pierucci Prize (\$10,000) PI , Acoustical Society of America
2025	Major SEAD Grant (\$40,000) Co-PI , Virginia Tech.
2025	Proof-of-Concept (POC) Grant (\$50,000) PI , Virginia Tech.
2025	New Faculty Mentoring Grant (\$1,500) , Virginia Tech.
2024	MIT Morningside Award for the Gen AI for Design Initiative (\$1,500) , Massachusetts Institute of Technology (MIT).
2024	AAD Faculty Initiated Research Grant Award (\$5,000) Co-PI , Virginia Tech University.
2024	MIT-IBK Grant to Support the Gen AI for Design Initiative (\$6,000) , Massachusetts Institute of Technology (MIT).

2024	MIT-IBK Research Award (\$25,000) , Massachusetts Institute of Technology (MIT).
2022	MIT-IBK Post-Doctoral Fellowship (\$152,500) , Massachusetts Institute of Technology (MIT).
2020	Humanities Institute Graduate Student Fellowship (\$30,000) , LSA Institute for the Humanities, University of Michigan.
2019	CHRG 2019 Summer Institute Scholarship , Concert Hall Research Institute.
2019	Andrew W. Mellon Foundation Grant for Michigan-Mellon Project on the Egalitarian Metropolis Grant, Mapping the Egalitarian Metropolis: Spaces of Hope.
2019	Barbour Scholarship (\$20,400) , one of the oldest and most prestigious awards for female leaders in science and other fields, Rackham Graduate School, University of Michigan.
2019	Dow Sustainability Fellowship (\$15,000) , The Graham Institute at the University of Michigan, and The Dow Chemical Company.
2019	Rackham Conference Travel Grants (\$2,400) , University of Michigan.
2018	Arts Integrative Interdisciplinary Research Grant (\$3,000) , Arts Engine, University of Michigan.
2018	Rackham Graduate Student Research Grant (\$3,000) , University of Michigan.
2018	Engaged Pedagogy Fellowship , Community-Engaged Academic Learning, University of Michigan.
2017	Rackham International Students Fellowship for Outstanding International Students (\$10,000) , University of Michigan.
2017	Acoustical Society of America's Student Council Travel Award.
2017	Rackham Conference Travel Grant , University of Michigan.
2016	Rackham Conference Travel Grant , University of Michigan.
2013	Saudi Arabian Cultural Mission Scholarship Program.
2012	Master Thesis Grant (\$8000) , University of Dammam.

Awards and Honors

2025	Selected as one of the top 100 Saudi women pioneers by Manhom the verified Arabic presence platform. This list recognizes 100 women whose contributions have been instrumental to the Kingdom's growth across key sectors.
2025	Selected as a Senior Member at The National Academy of Inventors.
2025	Best Paper Honorable Mention Award at ACM CHI conference on Human Factors in Computing Systems.
2024	A special feature article, including an interview by Jeff Hawley about my research, has been selected as one of the Top 20 Articles of 2024 by LiveSound: The Journal for Live Event Technology Professionals.
2024	Honored Listee badge from Marquis Who's Who.
2023	MIT Research Slam Competition , won two prizes at the competition.

2023	Elected as a full member by the Acoustical Society of America (ASA) .
2021	Nominated for the ARCC Dissertation Award , The Architectural Research Centers Consortium.
2021	Certificate of Excellence in Sustainability (Sustainability Honors Cord) program at the University of Michigan.
2021	Nominated for the Willie Hobbs Moore Achievement Award , which recognizes individuals in STEM whose achievements encourage and inspire others to achieve their goals.
2020	ARCC King Student Medal for Excellence in Architectural and Environmental Research , The Architectural Research Centers Consortium.
2019	MIT Technology Review- Innovators Under 35 MENA , an award that recognizes the "innovators under the age of 35 who will shape the future by transforming existing industries and establishing new ones."
2019	Nominated by Taubman College of Architecture and Urban Planning for Rackham Outstanding Graduate Student Instructor Award , University of Michigan.
2019	Selected to participate in the MIT Reality Virtually Hackathon , Massachusetts Institute of Technology (MIT).
2018	Outstanding Doctoral Student Award , Taubman College of Architecture and Urban Planning, University of Michigan.
2016	Honored by Ambassador Abdallah AlMouallimi during the "This is My Fingerprint" exhibition in New York, which presents the best Saudi students' achievements.
2015	University of Michigan Doctoral Program Scholarship .
2014	Saudi Council and Ambassador in the U.S. , honored for achievements and inventions.
2013	King Abdulaziz and His Companions Foundation for Giftedness and Creativity , won the competition and was selected to present my invention (cymatic sound diffuser) in Ibtikar (an international exhibition for inventions).
2013	King Abdulaziz Center for World Culture (Keystone program) , won the competition to represent my team and participate with our invention (sound absorbers decorative tile) in the annual ArtScience Innovation Workshop in Paris.
2013	King Abdulaziz Center for World Culture (Keystone program) , selected to conceptualize and translate creative ideas into marketable products and services in Synthetic Biology. The program was affiliated with Harvard ArtScienceLab.
2007	Honorary three years' membership for academic excellence by The Saudi Council of Engineering .
2003 - 2007	Yearly Honor for Academic Excellence , University of Dammam.

Guest/Invited Lectures and Talks

Mar. 2025	Resonant Portals: Transformative Sonic Experiences Yale University
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- Mar. 2025 **Analyzing Acoustic Environments with Complex Geometries**
UK Acoustics Network.
- Nov. 2024 **Advanced Acoustic Design**
Course: A6941-1 –Architectural Acoustical Ecology, Columbia University.
- Nov. 2024 **Sound(e)scape: Designing Restorative Environments**
AAD Fall Research Forum, Virginia Tech.
- Mar. 2024 **Responsible Acoustics**
Course: 4.431 – Architectural Acoustics, MIT Architecture.
- Mar. 2024 **Responsible Acoustics**
School of Architecture, Virginia Tech.
- Nov. 2023 **Aural Architecture**
School of Architecture, University of Maryland.
- May. 2023 **Aural Architecture and Well-being**
Center for Computer Research in Music and Acoustics (CCRMA), Stanford University.
- Dec. 2022 **The Impact of Acoustic Environments on Human Experience**
City Science Lab, MIT Media Lab, Massachusetts Institute of Technology.
- Nov. 2022 **Aural Architecture as Affect :Understanding the Impact of Acoustic Environments on Human Experience.**
Course: (PAT 521) Advanced Psychoacoustics. Performing Arts & Technology department, University of Michigan.
- Oct. 2022 **Acoustic Environments and Human Experience**
Course:ARCH 3231/6531: Environmental Systems I, School of Architecture, The Georgia Institute of Technology.
- Oct. 2022 **The Music of Space**
Invited talk by ArchiNet (a networking platform for architects).
- Mar. 2022 **Acoustic Environments and Human Experience**
Course: (ARCH 563) Building Science Research Topics, School of Architecture, Portland State University.
- Feb. 2022 **Acoustic Environments and Human Experience**
Public lecture. Alasala College.
- Nov. 2021 **Aural Architecture as Affect :Understanding the Impact of Acoustic Environments on Human Experience**
Public lecture. College of Design, IAU.
- Oct. 2021 **Aural Architecture as Affect :Understanding the Impact of Acoustic Environments on Human Experience.**
Course: (PAT 521) Advanced Psychoacoustics. Performing Arts & Technology department, University of Michigan.
- Oct. 2021 **Architectural Acoustics**
Course: (ARCH 563) Building Science Research Topics, School of Architecture, Portland State University.
- Feb. 2021 **Aural Architecture as Affect :Understanding the Impact of Acoustic Environments on Human Experience**
Course: (ARCH 825) Research for Design Practices. Taubman College of Architecture,

	University of Michigan
Sep. 2020	Architectural Acoustics Course: (ARC 48768) Indoor Environmental Quality (IEQ); Energy, Health and Productivity, Architecture School, Carnegie Mellon University.
Apr. 2020	Impact of the Acoustic Environments on Emotions and Well-being. Michigan University-wide Sustainability and Environment (MUSE) Workshop.
Feb. 2020	Aural Architecture as Affect: Room Acoustics & the Human Experience. Seminar. Performing Arts & Technology department, University of Michigan.
Nov. 2019	Sound Affects: The Impact of the Acoustic Environments on the emotional experience of Worship Spaces. Course: (PAT 521) Advanced Psychoacoustics. Performing Arts & Technology department, University of Michigan.
Oct. 2019	Aural Architecture: Auditory Experiences Created by Spatial Attributes. Course: (ARCH 506) Research for Design Practices. Taubman College of Architecture, University of Michigan.
Apr. 2019	Aural Architecture: Auditory Experiences Created by Spatial Attributes. Course: (PAT 102) Acoustics and Psychoacoustics. Performing Arts & Technology department, University of Michigan.
Feb. 2019	Sound Affects: The Emotional Impact of Aural Architecture. Event: Research Remix: Art, Technology, & User Experience. Duderstadt Center, University of Michigan.
Feb. 2019	V.R. for Advancing Research vs. Research For Advancing V.R. Event: Media & Studio Arts Symposium. Duderstadt Center, University of Michigan.
Apr. 2018	Beyond Journaling: A Reflection Toolbox for Community Engagement. Engaged Pedagogy Initiative Symposium. LSA's Community-Engaged Academic Learning and Rackham's Program in Public Scholarship, University of Michigan.
Oct. 2018	Architectural Acoustics Simulation. Course: (ARCH 605) Environmental Design Simulation. Taubman College of Architecture, University of Michigan.
Oct. 2018	Research and Invention.
Nov. 2017	Course: (ARCH 506) Research for Design Practices. Taubman College of Architecture,
Nov. 2016	University of Michigan
Mar. 2016	

Media Coverage

05/22/2024	LiveSound: The Journal for Live Event Technology Professionals Special feature article about my research.
02/16/2024	Hadith Tech Podcast Interviewed to talk about my research in architectural acoustics.
05/03/2023	MIT News An Article about the Research Slam Competition and the two awards I won at it.

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| 11/14/2021 | Dubai Future Podcast
Interviewed to talk about my work in acoustics and my experience as an inventor. |
| 18/02/2021 | Stories from Pioneers on the Front Lines of Innovation
Interviewed to talk about my work which received the Innovators Under 35 Award by MIT Technology Review, the future of sound technology, research, and innovation. |
| 12/17/2019 | Student Spotlight, Website of Rackham Graduate School, University of Michigan
An article about my research titled "Virtual Buildings, Real Emotions." |
| 12/10/2019 | Adwa Podcast
Interviewed by Phonograph Radio to talk about my research. |
| 10/30/2019 | Emirates News Agency
Mentioned as one of the winners of the Innovators Under 35 Award by MIT Technology Review with a description of my work. |
| 04/14/2019 | Okaz Newspaper
Mentioned as a panelist in the Summit of Saudi Students in the U.S. titled "Transformation Journey through Studying Abroad" at Indiana State University. |
| 04/14/2019 | Alwatan Newspaper
Mentioned as a panelist in the Summit of Saudi Students in the U.S. titled "Transformation Journey through Studying Abroad" at Indiana State University. |
| 02/05/2017 | Hia Magazine , interviewed to talk about my achievements. |
| 03/09/2016 | "Bssmat Mbt3th" book
Included a page about my achievements as part of the influential international achievements of Saudi students worldwide. The book was launched by the Ambassador (Prince Abdullah Bin Turki) and the Saudi Cultural Attaché in America (Dr. Mohammed Al-Issa) in Washington on September 3rd, 2016. |
| 12/01/2016 | Alyaum Newspaper
An article about my invention, which was granted a Saudi and a U.S. patent. |
| 05/09/2015 | Makkah Newspaper
Mentioned as an inventor in an article about the outstanding achievements of Saudi students studying in the U.S. |
| 14/02/2014 | Subscribe Show
Interviewed on MBC channel in the show that represents the achievements of innovative Saudi youth. |
| 03/07/2013 | Asharq Alawsat Newspaper
An article about my contribution to the Art Science Innovation workshop in Paris. |
| 08/03/2012 | Alyaum Newspaper
Selected to represent the successful Saudi working women on International Working Women's Day. |

Professional Organizations

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| 2013 | Membership of Saudi Inventors. |
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2012	Membership of Acoustical Society of America.
2006	Membership of the Saudi Council of Engineering.

Teaching Experience

2025	ARCH 5516	Arch & Systems Lab
2024	ARCH 5045	Environmental Design Research
2024	ARCH 5974	Independent Study
2022	INDSG 504	Design studios 10
2022	INDSG 409	Research Methods
2021, 2013, 2012	INDSG 404	Environmental Control Systems 2
2021	INDSG 501	Design studios 9
2021	INDSG 402	Production Drawings 1
2020	PAT 102	Acoustics and Psychoacoustics
2018, 2017, 2016	ARCH 425	Environmental Systems
2018, 2016	ARCH 527	Integrative systems
2013	INDSG 503	Graduation Project Thesis
2012, 2011, 2010	INDSG 301	Design studios 5
2012	INDSG 308	Working Details 2
2012, 2011	INDSG 307	Design studios 6
2011	INDSG 302	Working Details 1
2010	INDSG 504	Design studios 10
2010	INDSG 213	Building Construction Methods

Students' Achievements

2025	Outstanding Master of Science Student by the College of Architecture, Arts, and Design at Virginia Tech. Student: Megan Wysocki.
2025	Outstanding Master of Science Student by the Architecture Department at Virginia Tech. Student: Jun Hyeok Choi.
2024	Winning the Student Initiated Research Grant Award at Virginia Tech College of Architecture, Arts, and Design. Student: Megan Wysocki.

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| 2024 | Selected participants in the Flash Talk Challenge for Young Professionals at the InterNoise Conference in France. Students: Ally Minju and Jean Yu. |
| 2024 | MIT Outstanding UROP Award for working as a research assistant on my Sound(e)scape project. Student: Hector Astrom. |

Languages

Arabic (Native), English (Fluent), and French (Basic).

Certificates

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| 2024 | Research Mentoring Certificate. |
| 2023 | MIT Kaufman Teaching Certificate. |
| 2019 | LEED Green Associate Certificate. |
| 2019 | U-M Graduate Teacher Certificate, Center for Learning and Teaching, University of Michigan. |

Leadership and other Activities

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| 2025 | Paper Committee Member for Advances in Architectural Geometry Conference. |
| 2025 | Member of the Acoustics Graduate Certificate Committee at Virginia Tech. |
| 2025 | Organizing the Generative AI for Design Workshop at MIT, the first workshop that focuses on performance-based design using AI. |
| 2025 | Peer-review for The Journal of the Acoustical Society of America. |
| 2024 | Member at the Center for Human-Computer Interaction CHCI at Virginia Tech. |
| 2024 | Member at the Whole Health Consortium at Virginia Tech. |
| 2024 | Acoustics conversation with 7th Grade talented students from Smyth County Public Schools. |
| 2024 | Peer-review for The Journal of the Acoustical Society of America, Computer Music Journal, Music Perception Journal, The ACM Conference on Human Factors in Computing Systems (CHI), and The Indoor Environment Journal |
| 2024 | Committee member for the master's thesis of Erick Oduniyi, MIT Media Lab. |
| 2023 | Member of the MIT Intellectual Property Committee. |
| 2023 | External examiner for the PhD dissertation of Andrea Giglio, Architecture, Politecnico di Milano. |
| 2023 | Presenting a sound piece that engages the public through utilizing resonance in meditation to enhance well-being as part of an event titled "Meditation, Art, and Neuroscience in Conversation" at the MIT Museum. |
| 2023 | Organizing a workshop named "Resonated with Me" as part of the Learning Festival at the MIT Media Lab. |
| 2022 | UKAN Impactful Public Engagement Program by the United Kingdom Acoustics Network. |

2022	Advisory board member for the Interior Design Program at IAU.
2022	Selected as a member of the advisory committee of Sound Concept at the International Well Building Institute (IWBI) working with experts and leaders worldwide to identify strategies to help shape the future of buildings that enhance health and well-being
2022	Participated as a review committee member for the Simulation for Architecture and Urban Design Conference (SimAUD).
2022	Participated in the Acoustical Society of America's Taskforce A (Emerging Areas in Acoustics).
2021	Founding member of the Architectural Acoustics Society in Saudi Arabia as part of the Architectural Society "Saudi Umran."
2021	Reviewed papers for the Building Acoustics Journal.
2021	Quality Control Coordinator for the Interior Design Department, College of Design, IAU.
2021	Supervised students during the summer internship at IAU.
2020	Mentored Master's student in Architecture as part of the Equity in Architecture Education Consortium Mentoring Program.
2020	Chaired a session at the Acoustical Society of America's Virtual Conference.
2020	Participant at Midwest I-Corps Node Introduction to Customer Discovery & Value Proposition Design, a program sponsored by the National Science Foundation to help researchers improve the impact of their innovations.
2020	Moderated a session in the graduate student conference titled "Utopia Vs. the City" at the University of Michigan.
2019	Invited as a reviewer for Design Studio (Institutions- ARCH 552).
2019	Volunteered at Xplore Engineering workshops to teach students (entering the 4th through 7th grade) about acoustics as part of the Michigan Acoustics student group.
2019	Mixed Methods Dissertation intensive three-day workshop organized by the University of Michigan.
2019	Principal researcher for the project titled "Sounds in the City: Mapping Acoustic Environments in Communities of Faith in Detroit and Dearborn". The project was part of the Michigan-Mellon Project on the Egalitarian Metropolis which resulted in an exhibition titled "Mapping the Egalitarian Metropolis: Spaces of Hope".
2019	A Judge for the students' research at the Undergraduate Research Symposium, University of Michigan.
2019	Organized a workshop on teaching efficiently with technology for graduate student instructors at the University of Michigan
2018	Member of the Search Committee for the Director of Doctoral Studies, University of Michigan.
2018	Organized a workshop titled: Using Digital Tools to Facilitate Student Collaboration with the Center for Research on Learning and Teaching, University of Michigan.
2018	Consultant for Graduate Student Instructors, Center for Research on Learning and Teaching, University of Michigan.

2018	Elected to be the Doctoral Student Representative at the College of Architecture, University of Michigan.
2018	Organizing member of the Graduate students International Conference at the College of Architecture, University of Michigan.
2018	Michigan Acoustics' student chapter representative.
2017	Board member of the Planning and Architecture Research Group.
2017	Member of the Sound Studies Group at Rackham Graduate School- University of Michigan.
2017	Curated the doctoral colloquium conversation (The Critical City) at the University of Michigan.
2016	Curated the doctoral colloquium conversation (Conversations on Building Technology) at the University of Michigan.
2014	Participated in designing a proposal for a green roof for the building of CELOP at Boston University.
2014	Assisted with various activities in the Boston Children's Museum.
2013	Presented a lecture for beginner entrepreneurs with the collaboration of the Sayhat Association for Social Services.
2012	Organizing member of the Sustainability through Biomimicry conference.
2012	Prepared documents for the accreditation of the National Organization for Assessment and Accreditation (NCAAA).
2010 - 2013	Participated in planning many symposiums and conferences at the University of Dammam, contributing as: • Leader of the exhibition committee. • Coordinator of College of Design website. • Member of the scientific committee. • Member of the media committee.