

AISHA CHEEMA aishac@mit.edu | aishacheema.com | Somerville, MA

EDUCATION

Massachusetts Institute of Technology, School of Architecture and Planning
Master of Architecture Candidate, Expected Graduation in 2027

The Ohio State University, Knowlton School
Bachelor of Science in Architecture, with Honors Research Distinction in 2020

TEACHING

MIT 4.024 – Architecture Design Studio II
SPRING 2026 | Teaching Assistant for Rosalyne Shieh
Providing weekly fabrication + representation skills workshop, desk crits, and design review support.

MIT 4.02A – How to Design Intensive
IAP 2026 | Teaching Assistant for Simon Lesina-Debiasi
Leading fabrication instruction within the shops and providing design/technical support for each student.

MIT 4.021 – How to Design
FALL 2025 | Teaching Assistant for Paul Pettigrew + Simon Lesina-Debiasi
Running tutorials on metal laser cutting for final projects and hosting weekly office hours for crits.

MIT 4.462 / 4.440 / 1.056 – Structural Design
SPRING 2025 | Teaching Assistant for John Ochsendorf
Supporting lab sessions and assisting with design of structures and models to test structural capacity.

MIT 4.314 / 4.315 – Topics in Biological Arts, Ethics, and Automation
FALL 2025 | Teaching Assistant for Matej Vakuła
Leading technical tutorials in parametric design and modelling to make sculptures from organic matter.

PROFESSIONAL

Heritage Foundation of Pakistan – Karachi, Pakistan
Researcher | 2025
Working with Yasmeen Lari on resilient housing in flood and heat affected communities. Assisted with mapping, heat monitoring, and community lead design.

The Next Earth. Computation, Crisis, Cosmology – Venice, Italy
Curatorial + Exhibition Assistant | 2025
Curating and producing display of Shaping Thermal Performance display at the Palazzo Diedo in Venice for Professor Leslie Norford and Dr. Eduardo Gascón Alvarez.

Astra Studios – Columbus, Ohio
Designer | 2021-2023
Led the design and build of a pop-up installation for a non-profit organization, design and construction coordination on houses and tenant improvement.

Dean Wenz Architects – Columbus, Ohio
Architectural Designer | 2021
Produced construction document sets for a 250-unit residential complex. Leading site visits and base drawings for residential renovation projects as well as design.

OSU Knowlton School and Department of Anthropology – Columbus, Ohio
Research + Fabrication Assistant | 2019-2020
Assisted with interdisciplinary research in collaboration with Columbus Wastewater Treatment. Assisted with design and build of a free standing information pavillion made of recycled PET in a cornfield fertilized by composted biosolids.

EXHIBITIONS

FEEDBACK

Wiesner Student Art Gallery, MIT Stratton Student Center in Cambridge, MA | 2026
Collaborative installation with Zachary Slonksy exploring translation across space.

Generated.

Olde Towne East Arts Gallery in Columbus, OH | 2023
Algorithmic drawings plotted and displayed in OTE Arts Gallery.

EXHIBITIONS ASSISTED

Shaping Thermal Performance for The Next Earth.

Palazzo Diedo, Venice, Italy | 2025
Curatorial assistant for Professor Leslie Norford and Dr. Eduardo Gascón Alvarez.

stock-a-studio: club kits

Keller Gallery, MIT SA+P, Cambridge, MA | 2024
Exhibition assistant for Xavi Aguirre. Built new installation from reused material.

LOT-EK: WORK-IN-PROGRESS

Keller Gallery, MIT SA+P, Cambridge, MA | 2024
Exhibition assistant for LOT-EK. Fabricated and installed display shelves.

RECOGNITIONS

Council for the Arts at MIT Fall 2025 Grant for Wiesner Student Art Gallery Show called FEEDBACK
Aga Khan Program for Islamic Architecture Travel Grant to study heat resiliency in Karachi, Pakistan
Council for the Arts at MIT Seed Grant for Sonic Spectra
The Mary Ann Trapp Scholarship Fund in Architecture
The Ohio State University Knowlton School Study Abroad Grant for Santiago and Valparaíso, Chile
The Ohio State University Knowlton School Studio Book Prize Award from Justin Diles

ACADEMIC COURSES

MIT 4.S16	Kits for Life by Xavi Aguirre, SRING 2026
MIT 4.S03	MASTER/PIECE Wordshop by Anton Garcia-Abril, SPRING 2026
MIT 4.433	Modeling Urban Energy Flows by Christoph Reinhart, SPRING 2026
MIT 4.241	The Making of Cities by Arindam Dutta, SPRING 2026
MIT 4.189	Preparation for MArch Thesis by Rania Ghosn, SPRING 2026
MIT 4.154	Learning from La Pampa Studio by Rocio Crosetto Brizzio, FALL 2025
HAS.0172	Architecture and Construction by Antoine Picon, FALL 2025
MIT 4.222	Professional Practice by Cristina Parreño Alonso, FALL 2025
MIT 4.154	Collective Architecture Studio by Ana Miljacki, SPRING 2025
MIT 4.S03	MASTER/PIECE Wordshop by Anton Garcia-Abril, SPRING 2025
MIT 4.359	Synchronizations of Senses by Renée Green, SPRING 2025
MIT 4.227	Landscapes of Energy by Rania Ghosn, SPRING 2025
MIT 4.S14	ECOMPOSITES PROTOTYPING by Anton Garcia-Abril, IAP 2025
MIT 4.153	Architecture Studio: Core III by Yolande Daniels, J. Jih, Adam Modesitt, FALL 2024
MIT CMS.803	DJ History, Technique, & Tech by Philip Tan, FALL 2024
MIT 4.463	Building Technology Systems: Structures & Envelopes, FALL 2024
MIT 4.450	Comp Struct Des & Optimization by Caitlin Mueller, FALL 2024
MIT 4.152	Architecture Studio: Core II by Cristina Parreño Alonso, Jaffer Kolb, Rafi Segal, SPRING 2024
MIT 4.S43	Shaping Thermal Performance by Caitlin Mueller, Leslie Norford, Eduardo Gascón Alvarez, SPRING 2024
MIT 4.645	Topics in Architecture: 1750-Present, SPRING 2024
MIT 4.462	Introduction to Structural Design, SPRING 2024
MIT 4.182	OFFCUT/CUTOFF Workshop by Latifa Alkhayat, IAP 2024
MIT 4.151	Architecture Studio: Core I by William O'Brien Jr., Carrie Norman, Mohamad Nahleh, FALL 2023
MIT 4.105	Geometric Disciplines and Architecture Skills by J. Jih, FALL 2023
MIT 4.210	Precedents in Critical Practice by Ana Miljacki, FALL 2023
MIT 4.464	Environmental Technology in Buildings by Christoph Reinhart, FALL 2023

WORKSHOPS

ECOMPOSITES PROTOTYPING – Madrid, Spain | IAP 2025

Taught by Antón García-Abril of Ensemble Studio at ENSAMBLE FABRICA in Parla, Madrid. Fabricating sculptures with waste materials and building grade resin.

OFFCUT/CUTOFF – Muharraq, Bahrain | IAP 2024

Workshop with Maryam Aljomairi and Latifa Alkhayat at Awal Refrigeration's factory. Fabricating furniture from metal offcuts, exhibited at Pearling Path in Muharraq.