

# kate mazade

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## I. EARNED DEGREES

### **Syracuse University—Syracuse, NY | 07.2019–06.2020**

S.I. Newhouse School of Public Communications  
Master of Arts, Arts Journalism  
Concentration in architecture and design writing  
*Summa Cum Laude*

### **Auburn University—Auburn, AL | 08.2014–05.2019**

School of Architecture, Planning, and Landscape Architecture  
Bachelor of Architecture  
Thesis: “Well-being: Mental Health and the Built Environment”  
Rural Studio, 2016 | University of Arkansas Rome Program, 2017  
*Summa Cum Laude*

## II. EMPLOYMENT HISTORY

### **Southern Methodist University—Dallas, TX | 01.2025–Present**

Adjunct Faculty, teaching Reporting (JOUR 2312) and co-teaching Writing and Critical Reasoning (JOUR 1313); create lecture materials and assignments; instruct triweekly classes and weekly writing labs; provide feedback and act as editor for students pursuing journalism and communication degrees.

### **6AM City, FTWtoday—Fort Worth, TX**

#### **Senior City Editor | 11.2023–03.2025**

Produce daily newsletter with digital articles and corresponding cross-platform social media reporting; train and mentor new staff members; test coverage plans and engagement platforms; develop coverage and style guidelines for civic and government reporting; and edit newsletters across 26 market cities.

#### **FTWtoday City Editor | 02.2022–11.2023**

Produced daily, local newsletter; wrote digital stories; managed cross-platform social media reporting; created photo and video content; managed events calendar; and spearheaded community campaigns.

### **Dezeen—Remote | 09.2022–Present**

Contributor, research, pitch, and write 2-3 articles per week about architecture and design in the Western Hemisphere.

### **Madame Architect—Remote | 03.2021–12.2023**

Critic, wrote monthly design criticism column reviewing books, films, architecture, and exhibitions focused on female creators and their contribution to the design and construction industry.

### **David Baker Architects—San Francisco, CA | 09.2020–02.2022**

Communications Coordinator, managed social media accounts, company website and blog, and monthly newsletter; produced in-house videos and press releases; coordinated photo shoots; and edited firm's monograph.

**Syracuse University—Syracuse, NY | 08.2019–05.2020**

Instructional Associate for Introduction to Graphic Design course, prepared lesson plans, taught InDesign, Illustrator, and Photoshop to undergraduate students in triweekly software labs, and held weekly office hours for individual student mentorship.

**Architect's Newspaper—New York City, NY | 01.2020–03.2020**

Editorial Intern, published digital stories about industry news and event coverage; researched market trends for daily newsletters; and update website accessibility and visual media assets.

**Freelance Journalist | 08.2019–Present**

Multimedia articles published in local, national, and international outlets, including *Metropolis Magazine*, *Dezeen*, *Madame Architect*, *Architectural Record*, *American Theatre*, *The Architect's Newspaper*, *AN Interior*, *Charleston Post & Courier*, and *The Syracuse Post-Standard*.

**DESIGNhabitat—Auburn, AL | 11.2015–06.2019**

Design and Research Assistant, researched and designed energy-efficient and accessible housing in collaboration with Auburn University, the U.S. Department of Housing and Urban Development, and Habitat for Humanity.

**Corgan, Inc.—Dallas, TX | 06.2018–08.2018**

Architectural Intern, completed construction documentation red lines, prepared competition presentations, and assisted with construction administration.

**III. HONORS AND AWARDS****A. Media and Writing Awards**

6AM City Market of the Year | 2023  
Student Journalism Award for The 61% Project, Online Journalism Awards | 2021  
Student Team Portfolio for The 61% Project, Online Journalism Awards | 2021  
APLA Writing Award for Thesis Research, Auburn University | 05.2019  
APLA Writing Award for History and Theory, Auburn University | 05.2016

**B. Design Awards**

AIA Certificate of Merit | 05.2019

**C. Academic Awards and Scholarships**

S.I. Newhouse Graduate Award, Syracuse University | 05.2020  
Dean's List, Auburn University | 08.2014–05.2019  
Academic Presidential Scholarship, Auburn University | 08.2014–05.2019  
Renneker Endowed Scholarship, Auburn University | 08.2018–05.2019  
George McCraith Jr. Endowed Scholarship, Auburn University | 08.2017–05.2018  
Charles Mount Study Abroad Scholarship, Auburn University | 08.2016–05.2017  
Parker A. Narrows Architecture Scholarship, Auburn University | 08.2015–05.2016

## IV. WRITING, EDITING, AND SCHOLARSHIP

### A. Authored Books

Furman, Adam Nathaniel and Kate Mazade. *Chromatic Architecture*, London: RIBA Books, Expected 2026.

Co-authored manuscript on the use of color and ornamentation in historic and contemporary architecture, including 35 case studies from across the world. Anticipated manuscript delivery date: December 2025.

**Dearest Babe, Letters from a World War II Flight Surgeon**. Self-published, 2022.

Co-authored with Kelly Mazade, *Dearest Babe*, is an epistolary memoir of Dr. Joe W. King, a flight surgeon assigned to the 451st Heavy Bombardment Group, stationed in Italy during WWII.

### B. Edited Books

Hinson, David and Justin Miller. *Designed for Habitat: New Directions for Habitat for Humanity*, Second Edition. New York: Routledge, 2023.

Development Editor, edited full manuscript including 12 case study collaborations between architecture firms, academic institutions, and Habitat for Humanity.

David Baker Architects. *9 Ways to Make Housing for People*. San Francisco: ORO Editions, 2022. Assistant Editor, developed and copy edited full manuscript including introduction, nine chapters, and all caption text of the architecture firm's monograph and manual on affordable housing design strategies.

### C. Edited Journals and Reports

*CRIT Issue 86: Critiquing Exclusivity*. Washington, D.C.: American Institute of Architecture Students, January 2020.

Associate Editor under Editor-in-Chief Mary Geschwindt, edited 10 longform articles about architectural research, managed remote student writing team, and set guidelines for articles and authors.

*DESIGNhabitat 8.0: Cascade Parc Community Affordable Urban Housing for an Aging Population*. Greater Birmingham Habitat for Humanity grant report, Auburn University: 2018.

Researcher, graphic designer, and editor under author Justin Miller on grant report covering aging-in-place architectural designs for Habitat for Humanity.

*DESIGNhabitat 6.0: Sustainable Homeownership Program*. Alabama Association of Habitat for Humanity Affiliates (AAHA) grant report, Auburn University: 2016.

Researcher, graphic designer, and editor under author Justin Miller on grant report covering financial incentives for the creation of affordable housing through Habitat for Humanity.

## D. Selected Articles and Reviews

### i. Arts Industry Publications

#### *Metropolis Magazine*

*"A Façade that Filters: HDR wraps Mayo Clinic in perforated metal façade," Metropolis Magazine, Spring 2025 print issue.*

*"A New Film Calls Designers to Mimic Nature," Metropolis Magazine, 09.10.2024*

**"Cooking with Clay: Natural Materials Lab's Lola Ben-Alon encourages compassion for digitalization," Metropolis Magazine, November/December 2023 print issue**

*"A New STEM Lab Serves Underprivileged Youth," Metropolis Magazine, July/August 2023 print issue*

**"EcoLogicStudio Grows Air-Purifying Architecture with Algae," Metropolis Magazine, 03.29.2023**

#### *Madame Architect*

*"Designing Longevity: Design, Bitches' Rebecca Rudolph and Catherine Johnson on Design, Collaboration, and Learning," Madame Architect, 11.15.2023*

*"Podcast Review: 'Bad Architecture' is the deliciously daft dialogue on cringe-worthy design," Madame Architect, 10.20.2023*

*"New Chapters: Hood Design Studio's Alma du Solier on Landscape, Legacy, and Holding on to Your Power," Madame Architect, 09.25.2023*

*"Beauty as a Social Right: Rozana Montiel on Finding a Solution Rather than Becoming the Problem," Madame Architect, 09.04.2023*

*"Film Review: On the 'Marvelous Weirdness' of Greta Gerwig and Margot Robbie's Perfect 'Barbie' Movie," Madame Architect, 07.23.2023*

*"Furniture Review: Alda Ly Architecture and HBF's plush poufs are a classic and comforting accessory," Madame Architect, 06.01.2023*

**"Architecture Review: Inside the Gilder Center, A Space as Marvelous as the World Around Us," Madame Architect, 05.14.2023**

*"Book Review: The Uncommon Sense of Thorpe and Wilkhu's The Sustainable City," Madame Architect, 04.28.2023*

*"Book Review: On Denise Scott Brown, Learning from Her Life," Madame Architect, 03.06.2023*

*"Book Review: AphroChic, Celebrating the Legacy of the Black Family Home," Madame Architect, 02.13.2023*

*"Film Review: How the Colors of 'She Said' Tell the Truth," Madame Architect, 01.23.2023*

*"Book Review: Alexandra Lange's Meet Me by the Fountain Unlocks the Mall of and in All of Us," Madame Architect, 12.28.2022*

*"TV Review: Only Murders in the Building Season 2 Returns to the Golden Age of Hitchcock Thrillers," Madame Architect, 10.27.2022*

*"Book Review: The Power of Words, What Aline Saarinen Taught Us about Design Narrative: Eva Hagberg's When Eero Met His Match," Madame Architect, 09.30.2022*

[“Book Review: Lina Bo Bardi, Material Ideologies,”](#) *Madame Architect*, 08.25.2022

[“Book Review: Agnès Poirier’s Notre-Dame, The Soul of France ignites the cathedral’s history before the fire,”](#) *Madame Architect*, 05.31.2022

[“Book Review: Noushin Ehsan’s New Memoir Shares the Woman Behind the Architect,”](#) *Madame Architect*, 03.21.2022

[“Exhibition Review: Towers of Tomorrow with LEGO Bricks, Just What Can a Little Plastic Block Do?”](#) *Madame Architect*, 02.23.2022

[“Film Review: CODA, How Film Soundscapes Foster Identity Within the Built Environment,”](#) *Madame Architect*, 01.21.2022

[“Book Review: A Room of Her Own, Robyn Lea’s Photography Book Reveals Layers and Wealth of Creative Female Minds,”](#) *Madame Architect*, 12.08.2021

[“Strength and Softness: Amelia Tavella on Nature, Artistry, and Memory in the Mediterranean,”](#) *Madame Architect*, 11.21.2021

[“TV Review: Only Murders in the Building, Hulu’s New Crime-Comedy is a Production Fit for the Stage,”](#) *Madame Architect*, 10.28.2021

[“Exhibition Review: Immersive Van Gogh, Paintings, Projections, and Purchase Spread Across the US,”](#) *Madame Architect*, 08.30.2021

[“Book Review: Women in Architecture, The Named and Unnamed Who Broke into the Profession,”](#) *Madame Architect*, 08.30.2021

[“Illustrating the Natural World: Studio-MLA’s Mía Lehrer on Parks and Gardens, Women’s Leadership, and Taking Time to Explore,”](#) *Madame Architect*, 07.14.2021

[“Film Review: Cruella, Disney’s Latest Version Draws on Design for Power,”](#) *Madame Architect*, 07.26.2021

[“Exhibition Review: For a Dreamer of Houses, Thinking about Home in Public,”](#) *Madame Architect*, 05.17.2021

[“Book Review: All We Can Save, Women Ask the Hard Questions about Survival,”](#) *Madame Architect*, 04.26.2021

[“Book Review: Architecture for Teens, A Beginner’s Book for Aspiring Architects,”](#) *Madame Architect*, 03.17.2021

[“The Expert: Publication Management during Uncertainty,”](#) *Madame Architect*, 05.06.2020

Dezeen

*NOTE: In the interest of space, this list includes 30 selected articles written as part of a freelance contract that includes 2-3 articles per week. The full set – of more than 250 pitched and assigned clips dating back to September 2022 – is available [online](#) or upon request.*

[“Colectivo C733 installs museum inside 18<sup>th</sup>-century Mexican port building,”](#) *Dezeen*, 01.09.2025

[“HCMA designs all-electric aquatic center in British Columbia,”](#) *Dezeen*, 10.30.2024

[“Peterson Rich Office inserts glass-lined gallery between historic Connecticut buildings,”](#) *Dezeen*, 12.10.2024

["Donaldson + Partners creates arched house "for the twenty-first century," Dezeen,](#) 10.02.2024

["Kartwheel Studio 'honors and revamps' mid-century Texas beach motel," Dezeen,](#) 08.07.2024

**["Triptyque designs Team USA accommodation in Paris Olympic Village," Dezeen,](#)** 08.06.2024

**["Indigenous design "is the way forward" on sustainability says Elisapeta Heta," Dezeen,](#)** 08.05.2024

["Sasaki completes waterfront transformation and public park in the Port of Los Angeles,"](#) Dezeen, 06.12.2024

["HOK unveils Major League Soccer's first fully electric stadium in Queens," Dezeen.](#) 05.30.2024

["Page Southerland Page integrates 'past and future' at Texas Capitol Complex," Dezeen.](#) 04.11.2024

["Lakeside mass-timber theatre in Chile features 'box within a box' construction," Dezeen,](#) 12.19.2023

["CCA runs arched colonnade through community centre in Mexico," Dezeen,](#) 11.13.2023

["Dialog uses 'gradient of architectural intensity' for Calgary recreation centre expansion,"](#) Dezeen, 11.08.2023

["Colectivo C733 balances square boardwalk over Mexican lagoon," Dezeen,](#) 10.19.2023

**["Austin supertalls 'not really dealing with the problems' of the city," Dezeen,](#)** 10.05.2023

["Superlimão uses mass timber for the 'most sustainable McDonald's in Brazil'," Dezeen,](#) 09.26.2023

["John Friedman and Alice Kimm include dining room crane in Los Angeles house,"](#) Dezeen, 08.26.2023

**["Caples Jefferson Architects unveils curved Louis Armstrong Center in Queens," Dezeen,](#)** 08.03.2023

["Mixtura wraps multi-building Brazilian convent in wooden brise soleil," Dezeen,](#) 07.12.2023

["Colectivo C733 tops brick music school with soaring timber roof in Mexico," Dezeen,](#) 06.05.2023

["SOM connects block-long glulam bridge to the High Line," Dezeen,](#) 05.18.2023

["Manuel Cervantes develops 'assisted self-production' housing in Mexico," Dezeen,](#) 04.10.2023

**["Ignacio Rojas Hirigoyen develops modular building system to address housing crisis,"](#)** Dezeen, 03.14.2023

["Izquierdo Lehmann cantilevers boxes from cylindrical glass Chilean house," Dezeen,](#) 03.04.2023

["ZGF transforms Pittsburg Ford Assembly plant into research facility," Dezeen,](#) 01.13.2023

["David Baker Architects accelerates housing for homeless in San Francisco with modular construction," Dezeen,](#) 12.28.2022

["Mork-Ulmes completes eight-sided Octothorpe House in Oregon desert," Dezeen,](#) 12.06.2022

**["Mighty Buildings completes 3D-printed net-zero home in southern California," Dezeen,](#)** 11.04.2022

["Gensler tucks arena under a wooden canopy in Austin," Dezeen,](#) 10.17.2022

["EYRC maintains industrial detail for office campus built in a former LA Times facility," Dezeen,](#) 09.30.2022

#### *Architectural Record*

**["New Permanent Exhibition Installed at LA's Museum of Tolerance," Architectural Record,](#)** 05.26.2021

["Texas Hospitals Respond to Spikes in Temperature and COVID Cases," Architectural Record,](#) 07.28.2020

["Pandemic-Induced Hiring Freezes Strain New Grads," Architectural Record,](#) 05.22.2020

#### *American Theatre*

**["If You Build It, They Will \(Eventually\) Come," American Theatre,](#)** 03.11.2021

["Southwest: Hot Spot Survival," American Theatre,](#) 07.15.2020

["Great Lakes: Business as Usual, and Some Urgent Questions," American Theatre,](#) 07.15.2020

["Somáh Haaland: 'We Have a Lot to Say'," American Theatre,](#) 07.06.2020

["A Lifeline, and a Creative Outlet, for Immigrant Designers," American Theatre,](#) 06.08.2020

["A New Art Form for a New World?" American Theatre,](#) 06.03.2020

["Bookshelf, Bubble, Dog Bark," American Theatre,](#) 05.29.2020

["Summer Breaks: How arts festivals are coping with cancellation," American Theatre,](#) 05.15.2020

**["If you build it, will they come?" American Theatre,](#)** 04.27.2020

#### *The Architect's Newspaper and AN Interior*

["37 Hillside breaks ground affordability barriers in climate-responsive housing," The Architect's Newspaper,](#) 10.06.2021

["Millennial women in architecture talk remote work, team structure, and mentorship," The Architect's Newspaper,](#) 12.27.2020

["A renovated Missouri clinic works for fair treatment with a calming atmosphere," The Architect's Newspaper,](#) 11.19.2020

**["The New Orleans-based Jonathan Tate talks hurricanes, homes, and hotels," The Architect's Newspaper,](#)** 09.08.2020

["SHoP's Company Building brings vintage charm to a 21st-century office," AN Interior,](#) Fall 2020 print issue

["BNIM's Ozarks Education Center gives new meaning to 'bringing the outdoors in'," AN Interior,](#) Fall 2020 print issue

["Hurricane Maria memorial unveiled for Battery Park City," The Architect's Newspaper](#), 03.18.2020

["Howard Hughes and SOM attempt another tower in South Street Seaport," The Architect's Newspaper](#), 03.13.2020

["Rafael Viñoly-designed courthouse will remake Hersey City's Journal Square," The Architect's Newspaper](#), 03.10.2020

["The Bard Graduate Center shows never-before-seen works by Eileen Gray," The Architect's Newspaper](#), 03.01.2020

**["Neri Oxman grows tools for the future at new MoMA retrospective," The Architect's Newspaper](#)**, 02.27.2020

["Artists challenge representation in Socrates Sculpture Park for MONUMENTS NOW," The Architect's Newspaper](#), 02.28.2020

["NBBJ acquires interactive experience firm ESI Design," The Architect's Newspaper](#), 02.06.2020

["LandDesign will bring a park to the site of a former Dallas Mall," The Architect's Newspaper](#), 02.03.2020

["MODU and Eric Forman reveal the 2020 Times Square Valentine's Heart," The Architect's Newspaper](#), 01.31.2020

## ii. News outlets

### FTWtoday

*NOTE: In the interest of space, this list includes 30 selected articles written as a full-time editor at FTWtoday. The position includes 4-6 articles per week, each with corresponding social media coverage. The full set — of nearly 800 clips dating back to February 2022 — is available [online](#) or upon request.*

**["Downfall in a snapshot: The history of the 'Fort Worth Five' photo," FTWtoday](#)**, 01.21.2025

**["6 questions with the Light Crust Doughboys' Art Greenhaw," FTWtoday](#)**, 10.23.2024

["What is Y'all Street" Get the 411 on the new Texas Stock Exchange," FTWtoday](#), 10.18.2024

["This Old House" Victorian homes around Fort Worth," FTWtoday](#), 09.12.2024

["Fort Worth rodeo cowboys places third in the 'world's toughest' horse race," FTWtoday](#), 08.21.2024

**["5 questions with Opal Lee, 'Grandmother of Juneteenth,'" FTWtoday](#)**, 06.18.2024

["Are Fort Worth home prices expected to drop? 2024 real estate predictions," FTWtoday](#), 12.13.2023

["Mark Cuban to sell majority interest in the Dallas Mavericks for \\$3.5 billion," FTWtoday](#), 11.29.2023

["JFK's last day in Fort Worth," FTWtoday](#), 11.21.2023

["Spend a day at the Fort Worth Nature Center and Refuge," FTWtoday](#), 10.24.2023

["Texas Rangers are going to the 2023 MLB World Series," FTWtoday](#), 10.23.2023

**["Fort Worth's new affordable housing strategy explained," FTWtoday](#)**, 10.18.2023

**"Will Panther Island ever be complete? See the project's behind-the-scenes progress,"**  
*FTWtoday*, 07.24.2023

"Task force wants to redevelop the Fort Worth Community Arts Center," *FTWtoday*,  
06.06.2023

"Clearfork is planning a \$400 million luxury car expansion," *FTWtoday*, 05.17.2023

"Epilogue: The Central Library will close next month," *FTWtoday*, 05.01.2023

"A Wilder Vision for the Fort Worth Zoo," *FTWtoday*, 04.21.2023

**"A grave history for LaGrave Field,"** *FTWtoday*, 04.13.2023

**"Guide to reading cattle brands,"** *FTWtoday*, 03.15.2023

"10 questions with Eric and Sainty Nelsen," *FTWtoday*, 02.17.2023

"Fort Worth Botanic Garden master plan explained," *FTWtoday*, 02.16.2023

"Future City Hall gets a \$50 million price increase," *FTWtoday*, 02.08.2023

"'Snoop Dog' champion steer auctions for record-breaking \$440K at the FWSSR,"  
*FTWtoday*, 02.06.2023

**"Five-minute history: The beginning of 'Where the West begins',"** *FTWtoday*, 12.21.2022

"Short term rental regulations in Fort Worth," *FTWtoday*, 12.08.2022

**"Fort Worth becomes the first US city to mine Bitcoin,"** *FTWtoday*, 11.02.2022

"\$34 million renovation of Heritage Park," *FTWtoday*, 10.05.2022

**"Bass Hall angel sculptures in Fort Worth, TX,"** *FTWtoday*, 08.02.2022

**"History of brewing in Fort Worth,"** *FTWtoday*, 07.27.2022

"Five famous homes in Fort Worth's Westover Hills," *FTWtoday*, 06.21.2022

#### *Regional, Local, and Community News Outlets*

"'Coming Together' (from a distance) for a 'Spoleto at Home' virtual orchestra concert,"  
*The Charleston Post & Courier*, 05.31.2020

**"Closed, sold and redeveloped: A decade of religious closures in Syracuse,"** *The*  
*Syracuse Post-Standard*, 03.01.2020

"From weatherman to woodworker: Inside CNY meteorologist Dave Eichorn's workshop,"  
*The Syracuse Post-Standard*, 12.01.2019

"How Hopps Kept Going," *The Southside Stand*, 10.03.2019

"Hope in Empty Houses," *The Southside Stand*, 10.03.2019

"South Side Landmarks," *The Southside Stand*, 09.04.2019

#### *Student Media*

**"How Living Spaces Impact Headspace,"** *The 61% Project*, 05.01.2020

**"Veterans Center to establish hub for SU's military community,"** *The NewsHouse*,  
12.12.2019

"Art students paint an uplifting mural over racist graffiti," *The NewsHouse*, 11.21.2019

"OttoTHON delivers countless miracles over 12 hours," *The NewsHouse*, 11.11.2019

["Maranie Staab captures humanity through photos in Syracuse and beyond," The NewsHouse, 10.29.2019](#)

["Barnes Center Breakdown: How to get your fitness on," The NewsHouse, 10.19.2019](#)

["Take control of your safety on campus with these 5 apps," The NewsHouse, 09.25.2019](#)

### iii. Scholarly Journals and Blogs

["Auburn University Ambassadors Reflect on VAF Conference,"](#) co-authored with Fox Carlson, Caroline Greer, and Ryan Kline in response to the VAF 2019 Annual Meeting Landscapes of Succession in Philadelphia, Pennsylvania. *Vernacular Architecture Forum*, Summer 2019 issue

## E. Websites and Apps

[David Baker Architects](#) | 09.2020–02.2022

Communications Coordinator, managed and updated the architecture firm's comprehensive digital portfolio and beta tested site map and functionality of website redesign.

[The 61% Project, Syracuse University](#) | 1.2020–07.2020

Digital Media Manager, launched a digital platform investigating the mental health crisis on college campuses, curated visuals, wrote HTML, CSS, and PHP files for a fully responsive website.

[The Fall Workshop 2018 and The Fall Workshop 2019, Syracuse University](#) | 01.2020–05.2020

Digital Producer, constructed a comprehensive digital portfolio of over 100 digital photojournalism stories on Vimeo and WordPress platforms.

[The Southside Stand, Syracuse University](#) | 08.2019–12.2019

Designer, designed and constructed initial HTML and CSS website for the redesign of the community newspaper with team including Zimeng Chen, John Dishaw, Marissa Levine, and Eronmwon Osagie

[ADAPT, Auburn University](#) | 08.2017–06.2019

Graphic designer and researcher under research lead Justin Miller, created graphics and beta tested site map for interactive mobile application. Funded by the US Department of Housing and Urban Development, the ADAPT app scans, evaluates, and provides strategies for in-home modifications for aging-in-place design for older adults.

## F. Presentations

### i. Panel discussions

Begg, Lucy, Chelsea Johnson, Kate Mazade, and Emily Roush-Elliott. **"Centering People in Housing Design: Voices from Practice,"** Associations of Colleges and Schools of Architecture/American Institute of Architects Intersections Research Conference: New Housing Paradigms, 01.10.2025.

Kasdan, Marissa, Kate Mazade, Leslie Murch, and Ben Seager. **"Residential Design for Mental Health and Wellness,"** Metropolis Magazine Think Tank, 09.28.2023, online.

### ii. Invited Lectures

Mazade, Kate. "Industry Interview: Architectural Journalism," for Professional Practice course, Auburn University College of Architecture, Design and Construction, 09.24.2022, online.

Mazade, Kate. "Guest Alumni Lecture," for Designing Women seminar, Auburn University College of Architecture, Design and Construction, 09.09.2021, online.

Mazade, Kate. "Communication Strategies for Designers," for School of Architecture, Planning, and Landscape Architecture lunchtime lecture series, Auburn University, 05.19.2020, online.

iii. Exhibitions

Mazade, Kate. "Thresholds," THIS IS RESEARCH SHOWCASE: The Work of Creative Scholarship, Jules Collins Smith Museum of Fine Art at Auburn University, digital mixed media on arches, 24" x 24", 09.17–10.02.2016.

**G. Other creative accomplishments**

Mazade, Kate and Fox Carlson. "Looking Down," Competition submission for the Fairy Tales writing and illustration competition sponsored by the Blank Space Project, digital mixed media, 03.2019.

Mazade, Kate, Katie Cantine and Jacob Parks. "Alvar Aalto's Stool 60," First prize in carpentry competition to recreate an architecturally significant chair, Auburn University Rural Studio, birch, 13" x 13" x 17", 12.2017.

Mazade, Kate. "The Gorgas House," First prize in painting competition to render a piece of Southern antebellum architecture, Auburn University Rural Studio, watercolor on arches, 22" x 30", 12.2017.

**H. Press**

"Future Talks by RTE: In conversation with Kate Mazade," *Rethinking the Future*, 12.2023

"A Day in Fort Worth with Journalist Kate Mazade," *Madame Architect*, 08.03.2022

"A Tale of Two Alabama Homes," *Passive House Accelerator*, 01.17.2022

"NextGen: Auburn and Syracuse's Kate Mazade on Architecture, People and Writing," *Madame Architect*, 07.06.2020

"Rural Studio Program Promotes Energy-Efficient Home Ownership," *Architectural Record*, 04.28.2020

"Students build home in conjunction with Habitat for Humanity," *The Auburn Plainsman*, 10.30.2018

"Auburn University students design, build energy efficient Habitat for Humanity Home," *Auburn University Newsroom*, 10.02.2018

## V. COURSES TAUGHT

### **Reporting, Southern Methodist University, Meadows School of the Arts | 01.2025–05.2025**

Adjunct Professor, prepared and taught lectures and administered and graded assignments for 15 undergraduate students studying journalism, fashion media, advertising, and public relations. Coursework included news judgment, grammar, AP style, sourcing, pitching, interviewing, news writing, editing, and types of coverage, as well as an introduction to media law and ethics.

### **Writing and Critical Reasoning, Southern Methodist University, Meadows School of the Arts | 01.2025–05.2025**

Adjunct Professor for a course co-taught with professor Charles Scudder, delivered collaboratively prepared lectures during lead instructor's parental leave, provided one-on-one feedback and conferences, and graded final assignments for 60 undergraduate students. Coursework included introductory writing, argument building, research, and MLA citations.

### **Introduction to Graphic Design, Syracuse University, S.I. Newhouse School of Public Communications | 08.2019–05.2020**

Instructional Associate, prepared lessons, independently taught triweekly software labs to six sections of undergraduate journalism and advertising students—approximately 60 students in total—and held weekly office hours for individual student mentorship. Coursework included basic graphic design principles and InDesign, Illustrator, and Photoshop program instruction.

### **Visual Communications, Auburn University, School of Architecture, Planning, and Landscape Architecture | 06.2016–07.2016**

Teaching Assistant, assisted professor Margaret Fletcher in teaching Photoshop, Illustrator, and InDesign software and led design critiques for approximately 30 undergraduate architecture students.

## VI. SERVICE

### **6AM City Mentorship Program | 07.2023–Present**

Mentor, lead six-week mentorship coursework teaching company principles for newly hired editors in one-on-one sessions, advise on interpersonal communication strategies and problem scenarios, and help mentees set actionable career goals for their first quarter of employment.

### **American Institute of Architecture Students | 08.2014–05.2019**

Member of Auburn University Chapter

### **Rural Studio 20K House Program, Auburn University | 08.2017–12.2017, 01.2018–05.2018**

Student team member, designed and constructed two affordable homes—Johnnie Mae's Home in Faunsdale, Alabama and Michelle's Home in Opelika, Alabama—for underserved community members using vernacular construction techniques and PassivHaus construction technologies.

### **College of Architecture, Design and Construction | 09.2015–08.2016**

Student Ambassador, led tours for prospective students and hosted visiting alumni and industry professionals.

## VII. WRITING SAMPLES

*The following clips were selected to display a range of subject matter, style, and approach including enterprise and news stories, profiles, and criticism. A full writing profile is available upon request or [online](#).*

[Dezeen](#)

August 5, 2024

### Indigenous design “is the way forward” on sustainability says Elisapeta Heta

Most of [New Zealand](#)'s built environment has been designed without considering the culture of Māori and Pacific Islander communities, architect Elisapeta Heta tells [Dezeen](#) in this [interview](#).

[Heta](#) is a principal at New Zealand architecture studio [Jasmax](#), as well as a Māori, Samoan and Tokelauan community advocate and co-founder of Māori design collective at Jasmax, [Waka Māia](#).

She acknowledged the strides that Indigenous creators have made in legitimising Māori and Pacific Island designs from "hut-making" to part of New Zealand's architectural canon over the last 50 years – but says that much of the built environment still does not represent the population.

"It's no wonder that our built environments don't necessarily reflect who we are as people," she told [Dezeen](#). "There's no diversity in it because it's all been designed through the same Western lens."

#### Finding a "population parity"

There are only 75 Māori architects among New Zealand's roughly 2,000 licensed practitioners and fewer than 10 Pacific Islanders, despite these Indigenous groups making up more than 25 per cent of the country's population.

"The number of Māori and Pacific architects, relative to non-Māori and Pacific architects, doesn't match the population," said Heta.

This compares to an even bigger disparity in Australia, where there are 10 registered [Aboriginal](#) architects amongst Australia's more than 5,000 practitioners.

The problem is not unique to architecture, with Heta lamenting the difficulty she experiences in finding Māori collaborators.

"I know one hydraulics engineer that works in the water space and happens to be Māori," she said. "You can't even find a Māori furniture designer."

As Indigenous representation in the industry improves, Heta hopes for multicultural education opportunities for non-Indigenous practitioners so they may serve as allies.

"You need both those that are Indigenous on the ground doing the work, and you need those that aren't Indigenous there to advocate, to learn, to push alongside us," she explained.

At present, the lack of representation leaves the task of educating others to the few Indigenous practitioners.

In what she calls "Māori 101", Heta said she often has to explain or justify her input through impromptu language, culture and protocol lessons, before she has the opportunity to talk about specific designs.

"I've got to do all this other emotional and cultural labor to make the space that I work in more aware of the perspective that I'm coming from," she said. "I don't even mean my architecture firm, but the whole industry."

### **"Stories will breathe life into pretty much anything"**

Heta describes her design practice as coming "from a place of story first", carving out spaces for Māori stories to be told in the physical sphere.

This approach, she explains, is drawn from the Māori practice of wānanga – learning through discussions with other people.

"This is what I would describe as whakapapa – genealogy is sort of how it translates – but it's layering that occurs by all of these connections that you have to everyone around you," she said.

Those stories and layered connections can be seen in Heta's work *The Body of Wainuiātea*, a multi-sensory installation on display at [Ocean Space](#) in Venice until October.

In the installation, visitors take in auditory performances under a filmy white draped awning adjacent to a ceremonial altar space in the historic Chiesa di San Lorenzo.

*The Body of Wainuiātea* – one half of the *Re-Stor(y)ing Oceania* exhibition curated by Bougainville-born artist [Taloi Havini](#) – tells the story of the goddess of the ocean through songs, poems and stories by a variety of collaborators and thought leaders.

Viewers are invited to bring their history, perspective and know-how to join a larger discussion of environmental protection.

The other half of the exhibition, titled *Deep Communion* sung in minor (archipelaGO, THIS IS NOT A DRILL), is a resistance to deep-sea mining by Tongan artist [Latai Taumoepeau](#). Together the installations serve as an "SOS" call about the state of the world's oceans.

"The big-picture conversation is that there is an urgent global catastrophe occurring, and this exhibit contributes to that conversation," Heta said.

"We want [viewers] to engage in a conversation with themselves, with their own communities and families, about their impact on the earth and ultimately on the ocean."

### **Indigenous designers "the ones to help" with climate change**

Rather than designing with sustainability in mind, Heta said that Indigenous practitioners often see resources as living, breathing entities.

The Māori concept of guardianship, known as kaitiakitanga, holds that humans exist alongside the earth and live harmoniously with the environment – and rely on natural organisms to indicate the health of the environment.

In 2017, the Whanganui River became the [world's first river to have legal personhood](#) because it is considered the Kaitiaki, or guardian ancestor, of the Whanganui Iwi, a collection of Māori tribes. Therefore, water from the river used in other ways, such as buildings, would retain the life force of the Whanganui.

"[Kaitiakitanga] can mean that we are considering, for example, the whole of life of the way water is treated on a site through a building, beyond the life of a building, out to the streams, out to the waterways onto the streets," Heta explained.

For Heta, seeing the earth's elements as living things rather than expendable resources may be a potential solution for addressing climate change.

"Because we're at such a crisis point with climate change anyway, I think Indigenous designers are probably the ones to help," Heta said. "Our thinking is the way forward."

"Māori culture is not just about the way a space looks, it's about the way it feels," she said. "That gets reframed in the Western context as regenerative design or sustainability, but for us, it's our way of living."

*The portrait of Heta is courtesy of Jasmax.*

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Metropolis  
January 17, 2023

## **Lola Ben-Alon Encourages Compassion for Digitization**

*The assistant professor at Columbia University's Graduate School of Architecture, Planning and Preservation is also the director of the school's Natural Materials Lab, a lab that studies earth- and bio-based materials.*

"Take the house you're in right now," says Lola Ben-Alon, pointing to the vaulted white ceiling behind me through the webcam. "There are houses that look exactly the same with nice clean tones made from straw bale infill, earth plaster, a healthy lime wash, and terra-cotta tile over a heated floor."

She explains that my 2018 suburban house in east Tennessee was most likely insulated with fiberglass, and painted with a volatile organic compound coating that will be a red flag in 20 years as it emits plastic molecules and affects the breathability of the space.

"It's those small things we need to account for—prosperity, justice, and health," she says.

Ben-Alon is the director of the [Natural Materials Lab](#) at the Columbia University Graduate School of Architecture, Planning and Preservation, where she studies earth- and bio-based materials, their life cycles, and fabrication techniques.

Raised in southern Israel by Jewish Moroccan parents—a civil engineer and a biochemist—Ben-Alon blended their interests and pursued a bachelor of science in structural engineering followed by a master of science in construction management at the Technion Israel Institute of Technology. She cofounded the Experimental Art and Architecture Lab in 2011 and served as a curator and exhibition developer for Madatech, Israel's National Museum of Science, Technology, and Space, before taking on a doctoral program at Carnegie Mellon University's School of Architecture in Pittsburgh, Pennsylvania.

It was her doctoral research on the perception, performance, and adoption of earth-based materials that led her to Columbia, where in 2020 she founded the Natural Materials Lab. There, Ben-Alon leads a small, fluctuating team of researchers in expanding a lexicon of materials by combining raw substances—like clay-rich soil, rammed earth, and wheat straw—into "mix designs" and manipulating the recipes into different forms.

By testing material mixes across multiple scales and through techniques like manual carving and digital modeling, the team rethinks how earth materials can be used and applies them in installations and objects to create better building products.

“For each technique, we do a lot of micro-to-macro [studies]. We’re looking at mix designs, we’re testing them through microscopic analysis, and then we’re creating an artifact,” she explains.

One such artifact was installed in May 2023. Titled Raw Earth Sgraffito, the installation consists of two semicircular walls of compressed earth bricks with soil excavated from the French Réseau Express Régional (RER) train line. The walls were coated in two layers of clay plaster, which were carved with a relief of material supply chains and labor movements. The Sgraffito serves as a map, reminding both researchers and viewers that materials are geological and geographical before they become architectural. These pathways provide critical insight into the labor, environmental, and social life cycles, and the embodied carbon associated with building products.

In addition to the heavy, bricklike use of natural materials— as seen in the Sgraffito—Ben-Alon and her team explore lighter alternative applications for earth materials through 3D printing. “Our mix designs for our 3D-printed, pressed, or crafted elements contain a range of ‘recipes’ using natural clay-soils as binders, plant fibers as reinforcement, and bio-based additives as stabilizers,” she says.

She explains that while earthen architecture naturally acts as a heavy mass building form, the effect of adding fast-growing fibers into the soil is threefold: increasing insulation capacity, decreasing weight, and capturing more carbon. Researchers at the Natural Materials Lab 3D-print the mixtures into structures informed by basketry techniques. The structures can be translated into other forms, like a small pavilion the team hopes to install somewhere on campus with a small crane which allows for the construction of structures with an 11-foot radius.

“It’s truly novel research,” Ben-Alon says. “I think this fiber-based aspect of our mix designs is really cutting-edge and could change the field of 3D printing.” But it isn’t as easy as one might think.

“I don’t want to romanticize natural materials,” Ben-Alon notes. “I always also teach about the challenges of using earth and straw.” For example, mycelium can grow inside the 3D prints if the fibers are not completely dried.

The team uses a series of low- and high-tech solutions to increase the materials’ durability—including a “lime check,” a technique that involves installing a lime layer or a small stone plinth to create a texture that controls erosion. She also mentions the inherent ritualistic maintenance necessary in natural material construction and suggests that building codes should be developed and expanded to preserve the longevity of earth-based buildings.

When it comes to the forms and patterns of the 3D-printed woven objects, Ben-Alon says the team asks the material what it wants to be, often resulting in a more granular, geometric investigation than a digital and precise form with a clean, sharp texture.

“Sometimes the material wants to be messy,” she says, explaining that the color and texture of the woven objects can make them look older. The team works to balance the messiness of raw materials with the newness and precision of printing.

“We’re allowing the material to help us be compassionate toward digitization,” Ben-Alon says. Rather than seeing technology as a nemesis, or conversely, digital fabrication as a savior from the environmental crisis, the team works to be “compassionate toward the fact that the world is changing” and embraces technological tools.

Meanwhile, the researchers recognize that the tools are not objective. The geometries come from the designer, and each student's prints have a distinct style. While digital fabrication allows for additional quantity, it has limitations and is not "easier" than creating materials and designs manually.

Ben-Alon says that using digital fabrication with raw, readily available, non-processed materials "creates a nice combination, but also nice tension." For her, it all goes back to the communion of human wellness and the earth—people, the practices and technology they have created, and the resulting effects on the environment and populations.

"I see these all as interconnected concerns or urgencies," she says. "[We] can't fix climate by capturing carbon and not thinking about labor. We can't create a solution, and by the way of the solution, introduce more problems."

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[FTWtoday](#)

October 18, 2023

## **Fort Worth's new affordable housing strategy explained**

*We're diving into the city's new Neighborhood Conservation Plan and Affordable Housing Strategy.*

City Council [adopted](#) a new [Neighborhood Conservation Plan and Housing Affordability Strategy](#) earlier this week and we're here to break down the 130-page document into a quick morning read.

Created by the [Neighborhood Services Department](#), the five-year plan will tackle Fort Worth's growing housing crisis and help families find affordable housing and achieve home ownership.

### ***Neighborhood Conservation Plan***

The plan includes tools that will help the city tailor its approach to different neighborhoods, while improving the safety and livability of different areas without pricing out and displacing residents.

The Neighborhood Strategy Measure has categorized neighborhoods as distressed, challenged, in flux, steady, stable, and thriving. These classifications allow the city to determine which neighborhoods need maintenance, investment, and capacity expansion.

### ***Housing Affordability Strategy***

Fort Worth's median housing price is rising faster than its area median income (AMI), meaning middle- and low-income families cannot afford to buy a middle-priced home. Meanwhile, rental rates have [risen 22.8%](#) since March 2020.

Additionally, displacement is already happening, particularly in areas with a large percentage of Hispanic and Black residents. Tarrant County residents experiencing homelessness in the second quarter of this year numbered [5,000](#).

In order to lower the price of housing, close the affordability gap, and reduce the incidence of homelessness, the city has outlined 23 strategies. The following six are high priority:

- Establishing a [land bank](#) to acquire and resell foreclosed and tax delinquent properties, prioritizing affordable housing and community use, to reduce the cost of land.
- Expand [Housing Finance Corporation](#) tools and bonds that protect multi-family units that are inherently affordable
- Provide additional city investment — raising \$100 million over four years likely through bonds — for affordable housing development and preservation.
- Encourage new private and philanthropic funding entities to directly invest in moderate-income housing stock.
- Support [Community Development Corporations](#) that offer programs and services that support residents in at-risk areas — like LVT Rise.
- Create Community Land Trusts that own properties and ensure that the homes remain affordable — [one of which](#) is slated to be on the south side of town.

Other action items include expanding zoning opportunities, city rehabilitation programs, and eviction diversion programs. The plan also outlines creating more permanent supportive housing and implementing a functional-zero approach to family homelessness.

### ***What's next?***

The [approved revision](#) of the plan includes a stipulation that the City Council authorizes a new study of expanded housing options — particularly around “missing middle” housing — and the code regulation changes that require that housing be implemented. Stay tuned for public engagement opportunities regarding that study.

Under the city's [2024 fiscal budget](#), \$23 million has been allocated to the Neighborhood Services Department. This adds a second neighborhood annually to the Neighborhood Improvement Program that works to improve many aspects of an area's livability including affordable housing, schools, healthcare, employment, transportation, and more.

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[Dezeen](#)

October 5, 2023

### **Austin supertalls "not really dealing with the problems" of the city**

Rapidly growing [Austin](#) is set to see its skyline transformed by the emergence of several [supertall skyscrapers](#) in the coming years, but is this a cause for celebration or concern?

As America's second-fastest growing economy, Austin's population is expected to reach [3.6 million people](#) by 2040, and various city initiatives are addressing growth in the region.

The population growth has spurred an influx of global manufacturing industries and necessitated a rise in construction, according to Emily Risinger, the director of planning and urban design for the [Downtown Austin Alliance](#), an NGO involved in advocacy.

"The construction of supertall towers very much fits within this larger context of growth and of downtown Austin being the biggest nexus of activities in our region," she told Dezeen.

Skyscrapers under construction in the city include Gensler's 875-foot-tall (268 metres) [Sixth and Guadalupe](#) mixed-use skyscraper and another by HKS called [The Republic](#), a 710-foot-tall (216 metres) office tower, designed with North Carolina-based [Duda Paine Architects](#) that is estimated to open in 2025.

Rising above them all will be Kohn Pedersen Fox's ([KPF](#)) 1,022-foot-tall (311 metre) [Waterline](#) project, which will be the tallest building in Texas when it is completed.

### ***Supertalls bringing liveliness***

Predictably, their presence is controversial among the city's residents, although some see them as exciting symbols of Austin's rise.

"These supertalls are bringing this liveliness and neighborliness back to our downtown because they are really well designed and made for urban living," said Reisinger.

Others are less complimentary, with accusations of elitism levelled at the projects.

Dean Almy, the program director for urban design at the University of Texas at Austin School of Architecture, said that as building heights continue to rise they form "sky cities" far above the public space.

Embedded parking levels on the lower storeys creates a class-dividing dead zone between those who live above the city and the ground-level tenants, he argued.

"They're not really dealing with the problems of Austin," said Almy, who previously served as the chair of the city's Design Commission and the founding chair of the Texas Society of Architects Urban Design Committee.

"You can go a quarter-mile high if you want to. What are the limitations?"

In 2012, the city's [Imagine Austin Comprehensive Plan](#) pushed for additional housing that was dense in downtown but preserved the landscape as much as possible.

Since 2014, a variety of code changes have made it easier for developers to build skyscrapers in the city as long as they provide funding for the streetscape, utilise sustainable design and contribute to affordable housing.

At the same time, Austin has attempted to introduce guardrails to ensure that constructing large buildings doesn't sacrifice public accessibility, urban friendliness or market affordability in favour of breaking records.

For instance, the city's [Great Streets](#) program, an urban initiative to increase pedestrian friendliness and access to public transit infrastructure, has taken on the challenge of keeping up with the rapid development.

Sometimes, the city's embracing of supertalls comes into conflict with these priorities – as in the case of [HKS's Wilson Tower](#).

Originally intended to be Texas's tallest building at 80 storeys when its design was unveiled in January, the tower's height was halved following an unsuccessful review with the City of Austin's Design Commission, though the commission was careful to note that it wasn't its decision that prompted the revision.

A non-binding report by the commission said the tower should make changes to comply with guidelines that benefit the general public.

***"Downtown belongs to everyone"***

The Design Commission pointed to the tower's failure to acknowledge the neighbouring Brushy Square and fully support pedestrian safety and Austin's public art culture.

"Downtown belongs to everyone, and should be accessible to the general public," Austin Design Commission chair Jen Weaver told Dezeen.

"The project sits on one of four open public squares downtown – and did not acknowledge the square," Weaver continued, noting that the architects and developers on the project were frustrated with the commission's [motion](#).

"Large empty lobbies, monolithic walls, unsafe pedestrian zones, tall parking podiums, service spaces fronting public squares downtown – could not be more elitist."

While the original design of the tower did not exceed Austin's 25:1 floor area ratio density cap, it fell short in addressing the city's guidelines for public space and art, pedestrian safety, approachability and connection to the street, and creating a human scale on the ground floor.

As well as reducing its height, [HKS Austin](#) and developer [Wilson Capital](#) have since reimaged how the tower interacts with the ground floor and the site's public square in order to comply with guidelines and requirements. The company said that economic factors were the deciding factor in the revision.

Wilson Tower is scheduled to break ground this summer.

"We are making some changes to the ground floor in response to the Design Commission's feedback and changes to the vertical nature of the building in response to current market conditions," Wilson Capital president Taylor Wilson told Dezeen in July.

Looking ahead, economic factors are likely to continue playing a leading role in determining the future of Austin's skyline, says Almy.

"It's driven by the market, and as best that I can tell, it seems to have a kind of economic horizon," he said, explaining that developers are hedging their bets with mixed-use programming, rather than building the office towers of the 1980s.

While he doesn't expect Austin's market to drop, saying that a project in the sweet spot is a "relatively safe" endeavour, he is unconvinced about the viability of a tower measuring over a thousand feet (300 metres), when taking into account current interest rates.

"Six hundred feet tall (180 metres) seems to be the sweet spot right now," he said.

A variety of supertall skyscrapers have been built or proposed for the first time in many North American cities such as Brooklyn, Miami and Toronto. Last year, Dezeen rounded up [six North American supertalls currently in the works](#).

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## **Will Panther Island ever be complete? See the project's behind-the-scenes progress**

Earlier this month, the Tarrant Regional Water District (TRWD) proposed \$116.4 million in its [2024 budget](#) + Austin developer Seco Ventures purchased 26 acres for the [Panther Island project](#).

With funding, contracts, and new milestones, a lot has happened behind the scenes of Fort Worth's 800-acre waterfront district this year. Check out our [interactive timeline](#) and keep reading for updates on the comprehensive plan and the corresponding [Central City Flood Control Project](#).

### ***New year, new team***

In January, the combined development team — made up of the City of Fort Worth, Tarrant County, TRWD, TCC, Real Estate Council of Greater Fort Worth, Downtown Fort Worth Inc., and Streams & Valleys — [hired](#) HR&A Advisors to analyze and consult on the project for \$560,000.

HR&A serves as the project manager and leads the real estate and economic development strategies. The rest of the consulting team includes civil engineer Salcedo Group Inc., urban planner and designer Lake Flato, and community engagement specialist K Strategies.

CDM-Stanley Joint Venture was contracted in May to complete the design of the north bypass channel + [contracted yesterday](#) for the design of the south bypass channel.

### ***Federal funding February***

In February, the US Army Corp of Engineers (USACE) received [\\$20 million](#) in federal funds to continue designing the project. The funds will support:

- Initial design of gates and pump station
- Completed designs of bypass channel and three valley storage sites
- Construction of the interior portion of the channel, storage sites, and aquatic mitigation

As of June 2023, the project still needed about [\\$98 million](#) from the federal government to complete the channel.

### ***Preliminary findings***

HR&A Advisors — the consulting firm hired by the city for the development of [Panther Island](#) — released [preliminary findings](#) last week for how the first phase of the project might come together.

Citing the city's growing population, planners are moving away from the residential-focused plans and instead envision a vibrant entertainment hub with both residential and outdoor recreation that attracts talent and companies to Fort Worth. Here are the key takeaways:

- Connect the island with high-capacity transit to surrounding neighborhoods like downtown, Historic Southside, and the Northside
- Develop a unified strategy for 500+ acres of public and privately owned land
- Avoid displacing surrounding communities like the Historic Northside
- Incorporate a diverse range of uses including waterfront development, retail, dining, office space, and entertainment venues

- Redevelop historic sites like LaGrave Field and the Power Plant building

HR&A Advisors, along with other groups and community stakeholders, will work on updating the strategic vision for the project + create comprehensive real estate and economic development strategies for future development.

### ***Ongoing work***

Currently, the city is working to [relocate water and sewer utilities](#) on the Northside in order to make way for future construction. The work [must be completed](#) by next summer on the north channel and fall of 2024 on the south channel to keep the project on schedule. Of the TRWD's 2024 budget allocation, \$88 million will go to paying back the city for this work.

### ***Looking ahead***

The USACE [could begin digging](#) the [1.5-mile north bypass channel](#) that will form the island as early as the end of next year. The channel will cut across the Upstream peninsula, rerouting the Clear Fork and West Fork of the Trinity River underneath [three bridges](#) that were constructed in 2021.

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[Metropolis Magazine](#)

March 29, 2023

## **EcoLogicStudio Grows Air-Purifying Architecture with Algae**

*London-based architects Claudia Pasquero and Marco Poletto draw on the intrinsic intelligence of natural organisms and artificial intelligence to create structures that turn pollutants into clean air.*

What if we could grow buildings? What if—like plants—those buildings recycled air?

That seemingly impossible idea is no longer a dream due to the work of London-based architecture and design firm ecoLogicStudio, who harnesses the beauty and intelligence of the natural world to make strides in what they describe as “biotechnology for the built environment.”

### ***EcoLogicStudio Builds with Microscopic Organisms***

Architects, authors, and educators Claudia Pasquero and Marco Poletto founded [ecoLogicStudio](#) in 2005. Inspired by Gregory Bateson's 1972 book [Steps to an Ecology of Mind](#), the design innovation agency studies microscopic organisms to create spaces, products, and processes that support healthier buildings and cities.

The studio's highly specialized eight-person team works with researchers at the University College London's [Urban Morphogenesis Lab](#) and the University of Innsbruck's [Synthetic Landscape Lab](#) in a partnership known as [PhotoSynthetica](#).

With installations and exhibitions spanning across Europe and Asia, the team combines the “sensibility of the designer” with the “spirit of the innovator,” creating site-specific projects that draw on iterative research.

### ***Purifying Polluted Air with Algae***

ecoLogicStudio's most known investigation is [BioBombola](#), a glass photobioreactor that holds living photosynthetic microalgae. The system feeds on the byproducts of pollutants in the air and produces fresh oxygen.

"This project creates an alliance with microorganisms and cell material," says Pasquero. "What is dangerous for us is, in reality, a nutrient for them."

The BioBombola system has been integrated in the [Otrivin AirLab](#) at London's Building Centre. The installation demonstrates that cities could recirculate emissions with closed circular metabolisms. Not only does it purify the air and capture carbon dioxide, the project harnesses the resulting biomass for biodegradable algae-based polymers." In this way, we have demonstrated the possibility for architecture to be grown out of the carbon and minerals that we filter from the air," Poletto explains.

### ***Growing Architecture to Store Carbon***

An instance of "grown architecture" can be seen in the studio's [TreeOne](#) exhibition, which was first installed in Busan, South Korea. The tree-like structure uses artificial intelligence to 3D print algae-based polymers into a form that captures and stores the same amount of carbon as a natural mature tree.

The second iteration of TreeOne—combined with an experimentation lab and an artificial intelligence application video—will open at Seoul's Hyundai Motorstudio at the end of March.

Rather than sequestering its innovations within the research community, ecoLogicStudio shares its findings and applications across generations through open laboratories for students and play structures for young children.

### ***An Inflatable Environment That Clears the Air***

First tested in Warsaw and most recently in Cairo, [AirBubble](#) is an inflatable space that uses air, water, and living algae cultures within a thin membrane to create a microclimate that purifies the air as kids bounce—allowing leisure time to be activated as collective environmental transformation.

ecoLogicStudio's innovations rely on collaboration with natural organisms to create symbiotic relationships between people and the planet." These topics are no longer a matter of pure speculation," Poletto says. "There is now a concrete case for us to implement them in scenarios where people can begin to engage with these practices on a daily basis."

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[Madame Architect](#)  
January 21, 2022

## **CODA: How Film Soundscapes Foster Identity Within the Built Environment**

As the women-led, 2022 Golden Globe-nominee for Best Drama, *CODA* gives volume to how sound defines space and our place within it.

*CODA* is a briny New England coming-of-age story about a teenage girl wrestling through high school drama, musical aspirations, and familial obligations. The film's title, a musical term for the tail end of a song, holds double meaning as an acronym for Child of Deaf Adults (CODA).

Having premiered at the 2021 Sundance Festival, *CODA* stars rising Welsh actress Emilia Jones (Netflix's *Locke and Key*) as Ruby Rossi, a 17-year old singer who is the only hearing member of her family. Decked out in mis-fitting hoodies, graphic tees, and worn red sneakers, Ruby serves as the interpreter for her culturally deaf family. Portrayed by deaf actors Marlee Matlin (*Children of a Lesser God*), Troy Kotsur (*No Ordinary Hero*), and Daniel Durant (*Switched at Birth*), the Rossi family runs a small fishing business in Gloucester, Massachusetts.

An English and American Sign Language (ASL) remake of the 2014 French film *La Famille Bélier* by Victoria Bedos, the extensively subtitled film translates every asinine teenage insult and matronly chide into simple sans serif type, while the emotive sign language transforms volume into motion.

Writer and director Sian Heder (*Tallulah*) led the nearly all-female team of creators who brought *CODA* to life. Alexandria Wailes and Anne Tomasetti served as the ASL masters on set, directing the dynamic language. With cinematography by Paula Huidobro, production design by Diane Lederman, set decoration by Vanessa Knoll and Amy Morrison, and costuming by Brenda Abbondandolo; the production doesn't overwhelm the storyline. It embeds the narrative in the world, speaking to our immersion in and adaptation to the way things are.

The story follows Ruby in her everyday life, with each setting offering a distinct visual and auditory environment.

Waves crash on the rusting hull of the Angela + Rose, the Rossi's fishing trawler. Gulls squawk overhead while the heavy metal wench screeches as it hauls in the day's catch. Coils of damp rope and oily plastic buckets fester under the grit and elbow grease of family business.

At school, choral melodies float through the warm music room, where light streams through the two-story windows and washes along the rich hardwood floors beneath the shiny baby grand piano. The harmonies bounce along the sage acoustic panels as Ruby finds friendship with those who share her passion.

A plastic record player rattles songs from forgotten bands in a cramped attic bedroom. Ruby's contradictory responsibilities are revealed through peeling floral wallpaper and sunflower curtains that tease rock posters taped to the ceiling and waders hung over the chair.

Each evening, Ruby returns to the family dining table on the covered porch of their weatherworn fishing cottage. When night surrounds their old shake-shingle bungalow and the tarp-covered rowboats morph into dark shadows, the family gathers around a picnic table with a pastel vinyl tablecloth. The sunny floral table covering is the lightest thing in the space—a metaphor for the family members that surround it—worn around the edges but bright and whole.

It seems roundabout to use a movie about a singing teenager to talk about architecture. But every place has a soundscape with back-, mid-, and foreground, ambient noise, clues, signals, directions, and tone. Our surroundings influence the way we move through the world, and they contribute to how we see ourselves.

And if that environment is missing a key element, such as sound, how does it change? What happens when sound is replaced by something else—like motion? How does it influence the way we interact with others or places? How does the altered environment affect our identities?

The film is full of clues that the built environment is designed for hearing people with minor adaptations for the deaf—like strobe light alarms, visual telephones, or having to reach in and flick the light on and off rather than knock on the door. Social interactions like radio communications, business transactions, and musical performances often leave deaf persons in isolation. These shortcomings have to be bridged with other people.

Perhaps this review is more of a reminder than a criticism—a reminder to stop and observe how we interact with our environment and to consider how others experience it. *CODA* exposes hearing as a privilege in the built environment. Often we see accommodations for differently-abled individuals as modifications to existing infrastructure—rather than integrated into initial design.

How can our designs welcome and empower all people? How can our designs say, “You are part of this world”?

The film is part of a small but rising movement showing language minorities and linguistic alternatives on the big screen—one that has been recognized for inclusion, narrative, and creative approach to sound representation. Darius Marder’s *Sound of Metal* premiered at the Toronto International Film Festival in 2019 and was quickly picked up by Amazon Prime, receiving numerous accolades including Academy Awards for Best Film Editing and Best Sound. John Krasinski’s *A Quiet Place* (2018) and its sequel star deaf child actor Millicent Simmonds and have together secured over 40 nominations and film awards.

*CODA* has already been named one of the Top 10 Movies of 2021 by the American Film Institute Awards, and both Emilia Jones’ and Troy Kotsur’s performances have been recognized by the Gotham Awards. In the 2022 Golden Globes, the film was nominated for Best Motion Picture Drama alongside Kotsur’s nomination for Best Supporting Actor. Thirteen more nominations—including the Hollywood Critics Association Film Awards and Critics’ Choice Movie Awards—are currently pending and will be announced early in 2022.

[CODA](#) is available for streaming on Apple TV+.