

Marie Saldaña

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Education

- 2015 **Ph.D. Architecture**
University of California, Los Angeles
Dissertation title: "Cave and City: A Procedural Reconstruction of the Urban Topography of Magnesia on the Maeander"
- 2010 **M.Arch. Architecture**
University of California, Los Angeles
- 2002 **M.A. Archaeology**
Durham University
- 2001 **B.A. Humanities**
University of Southern California

Academic Appointments

- 2021 - **Assistant Professor**
University of Tennessee, Knoxville
School of Interior Architecture, College of Architecture + Design
- 2019 - 21 **Academic Technology Specialist**
Stanford University
Department of History and Stanford Libraries
- 2017 - 19 **Postdoctoral Fellow**
Rice University
Humanities Research Center
- 2015 - 16 **Postdoctoral Fellow**
University of North Carolina, Chapel Hill
Department of History

Publications

Book Manuscripts in Preparation

Settled Spaces: Tejano Architecture, 1690 - 1836

Book Chapters

"Province of Interiors: Strategies and Tactics on the Frontier of Northern New Spain,"
Interior Provocations 23: On Edge (accepted, forthcoming)

"Interiority and Mestizaje: Entanglements in the Tejano Borderlands," *Race in Design History* (accepted)

Journal Articles

“An Integrated Approach to the Procedural Modeling of Ancient Cities and Buildings.”
Digital Scholarship in the Humanities, Vol.30, Supplement 1 (2015), pp.48-63.

Conference Proceedings

“Procedural Modeling for Rapid-Prototyping of Multiple Building Phases and Hypothetical Reconstructions of Early Rome.” *International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences*, Vol. XL-5/W1 (2013).

Awards and Honors

- 2014 **Fortier Prize**
Alliance of Digital Humanities Organizations International Conference, Lausanne, Switzerland. Award for best paper by a young scholar.
- 2012 **Anne Greenwald Traveling Prize**
Department of Architecture and Urban Design, University of California, Los Angeles.

Grants and Fellowships

- 2017 - 19 **Mellon Spatial Humanities Postdoctoral Fellowship**
Humanities Research Center, Rice University
- 2015 - 16 **Digital Humanities Postdoctoral Fellowship**
Department of History, University of North Carolina-Chapel Hill
- 2014 **Dissertation Year Fellowship**
Graduate Division, University of California, Los Angeles
- 2013 **Dixon Fellowship**
Department of Art History, University of California, Los Angeles
- 2013 **Graduate Summer Research Mentorship**
Graduate Division, University of California, Los Angeles
- 2012 **Edgardo Contini Fellowship**
Department of Architecture and Urban Design, University of California, Los Angeles
- 2012 **Moore Traveling Seminar Fellowship**
Department of Architecture and Urban Design, University of California, Los Angeles
- 2011 **Graduate Summer Research Mentorship**
Graduate Division, University of California, Los Angeles
- 2011 **Full Scholarship**
Cappadocia in Context Workshop, Koç University, Istanbul, Turkey

Invited Talks

- 2015 **Holistic Urban Modeling for Experimental Reconstruction**
Nebraska Forum on Digital Humanities, University of Nebraska at Lincoln, April 10.

Conference Participation

Papers Presented

- 2023 **Acts of Possession: Survey and Embodiment in Nuevo Santander**
Society of Architectural Historians Annual International Conference, virtual, September 20-22.
- 2022 **In search of 18th century town and ranch life in South Texas**
Vernacular Architecture Forum Annual Meeting, San Antonio, TX, May 21.
- 2022 **Province of Interiors: The Colonial Home in Northern New Spain as Private Frontier, 1700 – 1821**
Interior Provocations Symposium, Pratt Institute, April 9.
- 2014 **An Integrated Approach to the Procedural Modeling of Ancient Cities and Buildings.**
Alliance of Digital Humanities Organizations International Conference, Lausanne, Switzerland, July 8-12.
Winner of Fortier Prize for best paper by a young scholar.
- 2014 **The Idea of the Cave in Architecture**
Society of Architectural Historians Annual International Conference, Austin, April 11.
- 2013 **Materiality and Simulacrum in Byzantine Cave Architecture: The Case of Pantalica**
The Substance of Sacred Place: An Interdisciplinary Workshop on Locative Materiality, Max Planck Kunsthistorisches Institut Florence, Italy, June 20-21.
- 2013 **Procedural Modeling for Rapid-Prototyping of Multiple Building Phases and Hypothetical Reconstructions of Early Rome**
5th International Workshop 3D Virtual Reconstruction and Visualization of Complex Architectures, Trento, Italy, Feb.24-25.
- 2012 **Modeling Historical Cities in the Digital Age**
Society of Architectural Historians Annual International Conference, Detroit, April 20.

Sessions Chaired

- 2023 **Moderated Working Sessions**
Public Interiority Symposium, College of Architecture + Design, University of Tennessee Knoxville, February 18.
- 2016 **New Approaches to Visualizing the Ancient World**
Mapping the Past: GIS Approaches to Ancient History, UNC-Chapel Hill, April 8.

Campus Talks

University of Tennessee, Knoxville

- 2023 **Magic Creates Reality: Dwelling in the Borderlands**
Latin American and Caribbean Studies Faculty Roundtable, April 12.
- 2023 **Research Methods for Social Engagement in Design**
National Organization of Minority Architects Student Chapter, University of Tennessee, Knoxville, March 28.
- 2023 **Beyond Illustration: 3D Modeling for Urban Research**
Making Medieval Cities Seminar, March 7.
- 2022 **The Rio Grande: Edge and Interior**
Just Environments Seminar, Humanities Research Center, February 23.
- 2021 **Practices, Places, Projects**
Marco Institute for Medieval and Renaissance Studies Graduate Colloquium, November 18.

Stanford University

- 2020 **The Rio Grande Settlers: A Family History, 1577 – 1848**
Center for Spatial and Textual Analysis, May 19.

Rice University

- 2017 **Beyond Illustration: 3D Modeling for Urban Research**
Department of Anthropology, October 5.

University of North Carolina – Chapel Hill

- 2015 **Digital Approaches to Classical Archaeology**
Department of Classics, October 21.

University of California, Los Angeles

- 2014 **An Integrated Approach to Procedural Modeling**
Digital Humanities Working Group, October 14.
- 2012 **Procedural Modeling for GIS and City Planning**
Introduction to GIS, December 6.
- 2012 **Recent Work from UCLA RomeLab**
Young Research Library, November 14.
- 2012 **Unity Virtual World Gaming and GIS**
NEH Summer Institute on Digital Cultural Mapping, June 21.
- 2010 **Digital Archaeology in Magnesia, Turkey**
Cotsen Institute of Archaeology, November 17.

Teaching Experience

School of Interior Architecture, College of Architecture + Design, University of Tennessee, Knoxville

Spring 2022, **Interior Perspectives on Art**
Spring 2023
Instructor of record, undergraduate general education lecture course (online).

Spring 2022, **Independent Research Thesis**
Spring 2023
Instructor of record, undergraduate self-directed studio.

Spring 2022 **Context/Concept/Input/Interaction**
Instructor of record, undergraduate 2nd-year design studio.

Fall 2021, **People, Places, Experiences, and Politics**
Fall 2022
Instructor of record, undergraduate 2nd-year design studio.

Fall 2021, **Research Methods for Designers**
Fall 2022
Instructor of record, undergraduate seminar.

Department of History, Stanford University

Spring 2021 **Doing Digital History**
Co-taught with Gordon H. Chang, undergraduate seminar (online).

Stanford University Libraries

Winter 2019 **Introduction to 3D Modeling**
Instructor, technical workshop, Center for Interdisciplinary Digital Research.

Department of Anthropology, Rice University

Spring 2019 **Underground Spatialities**
Co-taught with Andrea Ballestero and Johannes Birringer, undergraduate + graduate humanities studio.

Humanities Research Center, Rice University

Spring 2018 **Spatial Humanities: ArcGIS – CityEngine Workflow**
Instructor, technical workshop.

Wired! Lab for Digital Art History & Visual Culture, Duke University

Spring 2016 **ArcGIS - CityEngine - Unity Workflow**
Instructor, technical workshop.

Department of History, University of North Carolina - Chapel Hill

Fall 2015, **Introduction to Digital Humanities**
Fall 2016
Instructor of record, graduate seminar.

Spring 2016 **Mapping and Modeling Historical Environments**
Instructor of record, undergraduate + graduate lecture-lab.

Department of Architecture and Urban Design, University of California, Los Angeles

- Fall 2012 **Renaissance Architecture and Urbanism**
Teaching Assistant, graduate lecture course.
- Summer 2012 **History of Architecture from the Baroque to the Present**
Teaching Assistant, undergraduate lecture course.
- Spring 2012 **Technology Core Design Studio**
Teaching Assistant, graduate design studio.
- Winter 2012 **History of Architecture from Antiquity to the Renaissance**
Teaching Assistant, undergraduate lecture course.

Advising and Mentoring

College of Architecture + Design, University of Tennessee, Knoxville

- 2023 **Advisor**, Undergraduate Design Research Thesis, Katie Gilstorf.
Honorable Mention, Exhibition of Undergraduate Research and Creative Achievement competition.
- 2022 **Advisor**, Undergraduate Design Research Thesis, Olivia Robbins.
First Place winner, Exhibition of Undergraduate Research and Creative Achievement competition.
- 2022 **Committee Member**, Master of Architecture Project, Maya Pavon.

Design Juries

College of Architecture + Design, University of Tennessee, Knoxville

- 2023 **Interior architecture studio final review**
3rd year studio, instructor Rana Abudayyeh, May 3.
- 2023 **Interior architecture design-build final review**
1st year studio, instructor Misri Patel, May 1.
- 2022 **Interior architecture design-build final review**
4th year studio, instructor David Matthews, December 1.
- 2022 **Interior architecture studio final review**
2nd year studio, instructor German Valenzuela, November 29.
- 2022 **Interior architecture studio midreview**
2nd year studio, instructor Liz Teston, October 21.
- 2022 **Interior architecture studio midreview**
3rd year studio, instructor Ashley Coon, October 14.
- 2022 **Architecture self-directed projects studio review**
5th year studio, instructor Jennifer Akerman, April 6.
- 2022 **Interior architecture studio midreview**
3rd year studio, instructor Misri Patel, April 4.

- 2021 **Interior architecture studio final review**
3rd year studio, instructor Rana Abudayyeh, November 18.
- 2021 **Interior architecture studio final review**
1st year studio, instructor Hojung Kim, November 15.
- 2021 **Architecture studio review**
3rd year studio, instructor Marshall Prado, October 8.
- 2021 **Interior architecture studio review**
2nd year studio, instructor Liz Teston, September 29.

Design and Digital Humanities Projects

- 2019 - **Networks of Entanglement**
Visualization of familial networks and endogamy in 17th – 19th century Northeastern Mexico and South Texas.
- 2018 - **Los Pobladores Database**
Relational and geographic database containing information on approximately 10,000 individuals, their settlements and land grants in Northeastern Mexico and South Texas.
- 2014 - 2018 **Procedural Magnesia**
3D procedural reconstruction of the urban topography of Magnesia on the Maeander, Turkey.
<http://www.proceduralmagnesia.com/>
- 2012 – 2015 **Roman City Ruleset**
A library of procedural rules for the generation of data-rich 3D models of Greek and Roman architecture and cities.

Digital Humanities Research Collaborations

- 2017 - 2019 **Mellon Spatial Humanities Initiative**
Humanities Research Center, Rice University
Development of platform and content for Travelog, a time-based mapping platform.
- 2012 - 2015 **Digital Anatolia**
UCLA and Middle East Technical University (Ankara, Turkey)
3D reconstruction and exploration of the historical urban topography of Greco-Roman sites in collaboration with archaeologists.
- 2015 - 2016 **Digital Innovation Lab**
University of North Carolina, Chapel Hill
3D modeling and mapping specialist for digital public humanities projects.
- 2015 - 2016 **Dig@Lab**
Duke University
Contributor to architectural and urban investigations with emphasis on theoretical and methodological approaches to 3D reconstruction modeling.
- 2010 – 2015 **RomeLab**
University of California, Los Angeles
Collaboration with Chris Johanson (UCLA Classics) to prototype 3D research environments

for early Rome.

2009 - 2015

Experiential Technologies Center

University of California, Los Angeles

Multidisciplinary collaborations to realize projects utilizing 3D modeling, games, and virtual reality for understanding the built environment of the ancient world.

Selected Cartography and Illustration Credits

2019

Fikret Yegül and Diane Favro, *Roman Architecture and Urbanism: From the Origins to Late Antiquity* (Cambridge: Cambridge University Press, 2019).

2015

Gregor Kalas, *The Restoration of the Roman Forum in Late Antiquity: Transforming Public Space* (Austin: University of Texas Press, 2015).

Fieldwork Experience

2011

Cappadocia in Context Field School

Cappadocia, Turkey

2010

Excavations at Magnesia on the Maeander and Nysa

Aydin Province, Turkey

2001

Excavation at Mandra

Despotiko, Antiparos, Greece

Other Professional Experience

2009 -

Freelance Cartographer and Illustrator

2017

Research Programs Manager

University of California Humanities Research Center, Irvine, CA

2009 – 15

Development and Outreach Coordinator

Experiential Technologies Center, University of California, Los Angeles, CA

2009

Architectural Designer

Domaen Build, Los Angeles, CA

2008

Architectural Designer

Lean Arch, Los Angeles, CA

2003 – 07

Library Assistant Manager

Grand Avenue Library and Book Depository, University of Southern California, Los Angeles

Service to Profession

2022 - 23

Co-organizer, Public Interiority Symposium + Exhibition, University of Tennessee, Knoxville

2021 **Reviewer**, ADHO Digital Humanities Conference

Departmental and University Service

University of Tennessee, Knoxville

2022 - **Curriculum Committee**, College of Architecture + Design

2022 **Bylaws Committee**, School of Interior Architecture

2022 **Scholarship Committee**, School of Interior Architecture

2022 - **Honors Committee**, College of Architecture + Design

2021 - **Thesis Program Coordinator**, School of Interior Architecture

Extracurricular Service

University of Tennessee, Knoxville

2021 - **Faculty Advisor**, National Organization of Minority Architects, Student Chapter

2021 - **Faculty Affiliate**, Latin American & Caribbean Studies

2021 - 22 **Faculty Affiliate**, Marco Institute for Medieval and Renaissance Studies

Educational & Community Outreach

2012 **Archaeology and Virtual Reality Talk and Demonstration**
K-12 campus visit, UCLA, June 1.

2012 **Archaeology and Virtual Reality Talk and Demonstration**
St. Lawrence of Brindisi School, Watts, January 31.

2011 **Archaeology and Virtual Reality Talk and Demonstration**
UCLA Cotsen Institute of Archaeology Open House, May 14.

2010 **Archaeology and Virtual Reality Talk and Demonstration**
Orange County Archaeology Fair, October 3.

2010 **Archaeology and Virtual Reality Talk and Demonstration**
UCLA Cotsen Institute of Archaeology Open House, May 8.

Professional Memberships and Affiliations

2014 - Society of Architectural Historians

2014 - Association for Computers and the Humanities

2021 - Vernacular Architecture Forum

2023 - Texas State Historical Association

Languages

French: proficient reading, conversational speaking

Spanish: proficient reading, basic speaking

Software Skills

Cartography: ArcGIS

Digital Illustration: Adobe Illustrator, Photoshop, Dimension, Lightroom

3D Modeling, Rendering, and Photogrammetry: Rhino, Esri CityEngine, Vray, Metashape

Video and Animation: Adobe AfterEffects, Adobe Premiere

Interaction: TouchDesigner, Processing

Web: HTML, Various CMS platforms

Data: Relational database design, Microsoft Access, Excel

Audio: Ableton Live