



## MARIA DELGADO, Ph.D.

### Assistant Professor in Interior Design, Consumer and Design Sciences

308D Spidle Hall

Phone: (970) 391-2460; e-mail: [maria.delgado@auburn.edu](mailto:maria.delgado@auburn.edu)

#### Education

Ph.D., University of Colorado Denver, 2018, Design and Planning

M.Arch., University of Colorado Denver, 2013, Architecture

B.S., Colorado State University, 2010, Construction Management

#### Summary

Dr. Delgado specializes in teaching subjects including 3D modeling and parametric design process, 3D printing, virtual reality (VR) and augmented reality (AR) application, design studio development, design-build methods, and design thinking framework. She employs a diverse set of evidence-based teaching strategies aimed at creating a high-impact environment that enhances student engagement and critical thinking. Dr. Delgado's teaching approach is informed by Instructional Strategies Domain teaching effectiveness framework, with a particular focus on Active Learning and Learning Technology. To effectively integrate active learning and learning technology domains into her classroom, Dr. Delgado utilizes various tools, software, hardware, and platforms, such as Echo 360 and accessible slides, documentation, and videos that align with inclusive pedagogy principles. This comprehensive approach fosters a motivated and engaged educational experience, encouraging curiosity and critical thinking among students. In recognition of her teaching excellence, Dr. Delgado received an Honorable Mention for the Provost Teaching Scholar Award in 2022. Her research focuses on the application of technology to enhance user-centered design experiences, with a strong commitment to diversity, equity, and inclusion. One of Dr. Delgado's key research projects is the Architecture Virtual Library (AVL), an online platform designed to promote architecture education throughout Colorado and increase awareness and engagement in architecture through virtual reality experiences. The AVL collaborates with rural communities to co-create digital educational materials with public school teachers, thereby impacting the awareness of architecture among K-12 students in Colorado. The educational material aligns with K-12 educational state standards. The primary objective of the digital scans and augmented buildings tours are to enhance students' digital literacy skills, introduce students to AR and VR application for architecture education, and explore the influence of engaged scholarship on K-12 teachers to better understand K-12 technology limitations (access, financial, structural). Additionally, the project has documented best practices for successfully incorporating technology-driven approaches across other subjects. As detailed in the Funding Section, Dr. Delgado recently received a \$47,190.00 external grant award from the Department of Higher Education - History Colorado to support the expansion of the AVL. To date, there have been 12,500 visits to AVL scans on the AVL website, with a total of 100,300 impressions from people engaging with the 75 scans, demonstrating significant global engagement and impact.

#### Selected Publications and Refereed Proceedings:

- Fruhauf, C. A., **Delgado, M.**, & Schneider, S. (2023). From campus to counties: Roles and responsibilities of faculty supporting Extension initiatives to maximize collaboration [Manuscript accepted for publication]. Department of Human Development and Family Studies, Colorado State University.
- **Delgado, M.** (2023). Enhancing Student Learning Through Industry Connections in Tiny House Furniture Design. In: Scholarship of Teaching and Learning (SoTL), *IDEC 2024 Annual Conference Proceedings*. (23)(1), 622-626. New York, NY. [https://idec.org/wp-content/uploads/2024-Proceedings-Report\\_Final-6\\_11\\_24.pdf](https://idec.org/wp-content/uploads/2024-Proceedings-Report_Final-6_11_24.pdf)
- **Delgado, M.** (2023). Advanced Technologies to Enhance Architectural History Education Experiences. In: Scholarship of Teaching and Learning (SoTL), *IDEC 2024 Annual Conference Proceedings*. (23)(1), 540-543. New York, NY. [https://idec.org/wp-content/uploads/2024-Proceedings-Report\\_Final-6\\_11\\_24.pdf](https://idec.org/wp-content/uploads/2024-Proceedings-Report_Final-6_11_24.pdf)
- **Delgado, M.** (2022). Experiential Learning: Integrating Analog and Digital Methods. In: Scholarship of Teaching and Learning (SoTL), *IDEC 2023 Annual Conference Proceedings*. (22)(1), 301-303. Vancouver, CA. <https://idec.org/wp-content/uploads/COMPRESSED-2023-IDEC-Annual-Conference-Proceedings-Updated-1.pdf>
- **Delgado, M.** (2022). Architecture Virtual Library Promotes K-12 Architecture Education and Engagement. In: Scholarship of Design Research (SoDR), *IDEC 2023 Annual Conference Proceedings*. (22)(1), 153-155. Vancouver, CA. <https://idec.org/wp-content/uploads/COMPRESSED-2023-IDEC-Annual-Conference-Proceedings-Updated-1.pdf>

#### Selected Funded Projects:

- Colorado State University – Architecture Virtual Library. **Delgado, M. (PI)**, Fruhauf, C. A., & Stoffel, T., (2024). State Historical Fund - History Colorado, \$47,190.00.
- CSU Architectural Virtual Library (CSU-AVL): An Interactive 3D Architecture Webpage, **Delgado, M. (PI)**, Boyle, J., & Cook, J. (2022). Office of Engagement and Extension, Central City, Colorado \$4,000.00.
- Sustainable Tiny House, **Delgado, M. (PI)**. (2021). Office of the President's Sustainability Commission, \$5,250.00.
- CSU Historic Digital Building Repository (CSU-HDBR): An Interactive 3D Architecture Webpage, **Delgado, M. (PI)**, Ramey-Torres, K., Stoltenberg, P., & Kaan, D. (2021). Office of Engagement and Extension, Sterling, Colorado, \$4,000.00.
- COVID-19 Teaching & Research Student Employment Initiative, **Delgado, M. (PI)**. (2021). Office of the Provost and Executive Vice President, \$1,248.00.

#### Professional Memberships: ASID, IDEC

#### Selected Honors and Awards since 2021:

Top Five Abstract Award in IDEC 2024 Annual Conference (2023); Colorado State University Provost Engaged Scholar's Academy (2022); Colorado State University Honorable Mention Provost Teaching Scholar Award (2022); Top Five Abstract Award in IDEC 2022 Annual Conference (2021); Colorado State University Spot Award, College of Health and Human Sciences Employee Recognition (2021); Top Five Abstract Award in IDEC 2021 Annual Conference (2020)