

FACULTY/STAFF, EXTENSION SPECIALISTS/AGENTS CALL FOR INTERNSHIP PROPOSAL: CSU's Architectural Virtual Library (CSU-AVL); An Interactive 3D architecture webpage

- 1) **Faculty mentor:** Dr. Maria Delgado, Assistant Professor, Design and Merchandising, Interior Architecture Program, maria.delgado@colostate.edu, (970) 491- 5283
- 2) **Additional Mentors:** Jennifer Cook, Gilpin County Extension Director and Agent, Jennifer.Cook@colostate.edu
- 3) **Student work county/region:** Gilpin County
- 4) **Proposed internship goals, scope, and objectives:**
 - a. *Goal:* The student intern will create an additional digital repository webpage for ten historic Colorado architectural buildings located in Central City, Colorado on the CSU-AVL website: <https://www.chhs.colostate.edu/dm/programs-and-degrees/galleries-libraries-and-laboratories/architectural-virtual-library/>
 - b. *Scope:* The method for obtaining this goal will be to complete one building per week over ten weeks.
 - c. *Objectives:*
 1. O.1 – determine (with mentor guidance) which historic buildings to highlight on the Central City webpage;
 2. O.2 – utilize 360 video [camera](#) capabilities to capture virtual tour content of buildings via [Matterport](#);
 3. O.3 – research historic building information and embed the research into the tours via [Mattertags](#);
 4. O.4 – integrate [inclusive website principles](#) in all webpage content;
 5. O.5 – present to community stakeholders.
- 5) **Research project identification:** As COVID-19 has deterred students from touring historic buildings, the goal of the webpage is to host virtual historic building tours to promote architectural education to students in K-12 programs (however, the website will be open to all). A virtual reality 360 camera will capture the building footage. Additionally, the virtual tours will include historical descriptions of each building.
- 6) **Stakeholder group(s):**
 - a. Central City Historic Commission, Buildings Owners, City of Central City
 - i. The intern will work with building owners to coordinate video capture and present the final webpage to Central City (employees of the City, teachers of the Central City school district, and Central City residents).
 - ii. Current community partners: Ray Rears, Community Development & Historic Preservation Director RRears@cityofcentral.co; Lisa Roemhildt, Planner & Main Street Advisor, LRoemhildt@cityofcentral.co; Jamie Boyle, Historic Preservation Officer & Special Projects Coordinator (HPOSPC), jboyle@cityofcentral.co
- 7) **Student learning outcomes and opportunities for professional development:**
 - a. The student intern will demonstrate:
 1. O.1 – knowledge of historic buildings in Central City, CO to highlight on the webpage;
 2. O.2 – an understanding of 360 video [camera](#) capture capabilities by creating primary source virtual tour content for Colorado's historic buildings via [Matterport](#);
 3. O.3 – development of historical building context and tours via [Mattertags](#);
 4. O.4 – how to integrate [inclusive website principles](#) in all webpage content.
 5. O.5 – presentation skills to community stakeholders.
 - b. Opportunities for professional development include: the student intern will present their project to the (a) city of Central City, (b) teachers in the Central City school, and (c) community members. The student will practice networking, building relationships, and gain experience by sharing research findings in a public speaking format.
- 8) **Mentorship style:**
 - a. As a mentor, I will be invested in your educational experience, train you on the technology, and provide project support. After training, I will expect (and look forward to your) progression between our meetings. I appreciate the history of architecture, and I am delighted to share my field passion with you!
- 9) **Travel funds available:** Not currently. However, we will work and try to secure funds.