

**FACULTY/STAFF, EXTENSION SPECIALISTS/AGENTS CALL FOR INTERNSHIP PROPOSAL: CSU's Historic Digital Building Repository (CSU-HDBR); An Interactive 3D architecture webpage**

- 1) **Faculty mentor:** Dr. Maria Delgado, Assistant Professor, Design and Merchandising, Interior Architecture Program, [maria.delgado@colostate.edu](mailto:maria.delgado@colostate.edu), (970) 491- 5283
- 2) **Additional Mentors:** Karen Ramey-Torres, Director of the Northeast Engagement Center, [Karen.Ramey-Torres@colostate.edu](mailto:Karen.Ramey-Torres@colostate.edu), Peggy Stoltenberg, Partnership and Project Development Manager for the Northeast Engagement Center, [Peggy.Stoltenberg@colostate.edu](mailto:Peggy.Stoltenberg@colostate.edu) Supervising Engagement: Dennis Kaan, Extension Regional Director, Northeast Region, [dennis.kaan@colostate.edu](mailto:dennis.kaan@colostate.edu)
- 3) **Student work county/region:** Logan County
- 4) **Proposed internship goals, scope, and objectives:**
  - a. *Goal:* The student intern will create a pilot digital repository webpage for ten historic Colorado architectural buildings located in Sterling, Colorado.
  - 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 pilot 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. Sterling Historic Preservationist, Buildings Owners, City of Sterling
    - i. The intern will work with building owners to coordinate video capture and present the final webpage to Sterling (employees of the city, teachers of the Sterling school district, and Bernice Artzer-Mills, Sterling resident and creator of the Creative Rural Initiative).
- 7) **Student learning outcomes and opportunities for professional development:**
  - a. The student intern will demonstrate:
    1. O.1 – knowledge of historic buildings in Sterling, CO to highlight on the pilot 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 Sterling, (b) teachers in the Sterling school, and (c) Creative Rural Initiative.
- 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.