

**COVID-19 Teaching & Research Student Employment Initiative
Spring 2021 Application**

Name	Maria Delgado
College	College of Health and Human Sciences
Department	Design and Merchandising Department
Brief description of the work being asked of the student employee	<p>Research project identification: As COVID-19 has deterred students from touring historic buildings, a new CSU digital repository webpage will host virtual historic building tours to promote architectural education in K-12 school programs. The student will use a virtual reality Matterport 360 camera to capture the building footage. Additionally, the virtual tours will include historical descriptions of each building.</p> <p>Proposed internship goal and objectives: <i>Goal:</i> The student intern will create a digital repository webpage for ten historic Colorado State University architectural buildings located in Fort Collins, Colorado. <i>Objectives:</i> O.1 – determine (with mentor guidance) which historic buildings to highlight on the webpage; O.2 – utilize 360 video camera capabilities to capture virtual tour content of buildings via matterport; O.3 – research historic building information and embed the research into the tours via mattertags; O.4 – integrate inclusive website principles in all webpage content. O.5 – present to community stakeholders.</p> <p>Stakeholder group(s): The intern will present the final webpage to CSU’s Planning, Design & Construction Facility Management Team and CSU Admissions.</p>
Identify specific Course and/or Research Project	Interactive 3D Architecture Webpage with Matterport
Identify any training needed for the student employee (technology, seating chart instruction, etc.)	I will train the train the student on the Matterport 3D camera technology.

Proposed Budget:

Research Project	# of Weeks	Hours/week	Total Hours	Total Cost at
3D Architecture Webpage	12	8	96	\$13.00/hour
Total Budget Request:				\$1,248