

Michael Kleiss

Record Title - Do Not Delete : Michael Kleiss

Linked Preliminary Proposal - Do Not Delete : Michael Kleiss

Please share an overview of activities during the previous academic year. : Conducted a collaborative studio with Skidmore, Owens and Merrill (SOM) in New York City. The project was a tall building in Chicago with a total precast system. Did two joint reviews with the PCI studio at Kennesaw State University (KSU). Also did a visit to KSU for a studio review in which Clemson students presented one of their projects. The project was on exhibit at the KSU School of Architecture gallery for 4 weeks. Hosted a joint workshop on mold fabrication and formliners with Architectural Polymers at Clemson University with KSU students visiting for the workshop Hosted a visit and lecture from Endicott, a thin-brick producer. Students used the products in their projects Conducted visits to precast concrete plants in our area. Visits were hosted by Metromont and Tindall Hosted zoom presentations with producers from Gate and Tindall 11 Students of the PCI studio participated in the PCI National convention in Kansas City. One architecture student was selected to participate in the Project Precast competition. His team received an award from the jury.

Can you give a few examples of students learning outcomes? : Students learned first hand about the process of fabrication of precast concrete panels from plan visits Students learned about the use of thin-brick for applications in architecture Students fabricated rubber molds using elastomeric rubber and learned about their use to make textures and patterns in precast concrete Fabrication of complex forms from single molds using repetition and rules of geometrical variations

Please upload photos of students engaged in projects, tours, or other activities. :

Please share a link to any student work you would like to share. :

Can you share any opportunities that working with your local partner helped the students achieve something that would otherwise have not been possible? : Engineers from Metromont and Tindall producers offered their help and expertise to assist students in developing their design ideas and create suitable solutions on their projects. Also the visits of Steve from Endicott and Marshall from Architectural Polymers.

Is there anything you learned this year that you would like to share with other professors? : Take advantage of opportunities to collaborate with other PCI funded programs like we did with KSU.

Is there anything that the PCI Foundation can do in the future to be of greater service to you during the grant? :

Please upload a list of any community partners, precast partners and other people who worked with your students during the year. Include their names and company. : Clemson PCI Studio collaborators 2021.pdf

Did you attend the PCI Convention? : Yes

Did you attend the PCI Committee Days? : Yes

Did you attend the PCI Foundation Professors Seminar? : Yes

Do you have a student assessment of your program that you can share? :

student assessment upload :

Is there anything else you would like to add? :

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