



2019 Scholar on Campus Nominee: Phillip Anzalone, AIA

I am an Associate Professor of Architecture and a licensed Architect, and have engaged in both practice and education simultaneously for over 15 years. As I believe active learning is a critical academic endeavor, I have spent my career championing the integration of professional practice and applied learning into architectural education, enabling academic research to inform how graduates can impact the built environment. Leveraging a strong technical background in practice and consulting, I maintaining a firm that has been awarded American Institute of Architects and Society of American Registered Architects awards for innovation in the built environment. Having completed nearly 100 projects in the NYC area, as well as abroad, I bring this experience to my students through critical discussions of contemporary practice. In part due to my involvement in the relationship between practice and education, I was elected to the Chair of the Professional Practice Committee for the AIA NYC Chapter.

I have developed my work and engaged the industry and academy through a strong background in research projects and publication, most of which is related to scientific and technical means of experiential learning and applied research in the architectural curriculum, including computational processes, fabrication technologies, and construction integration into architectural practice and education. I have published my work and research in over 30 articles and book chapters, lectured close to 50 times at various universities, organized over 10 international conferences, directed 15 international academic installation workshops, and served as moderator, juror and adviser numerous times through my academic and professional career. Recently completed work includes editing the proceedings and project catalog for the 2018 ACADIA conference, elected an Editor for the International Journal of Architectural Computing and completing three collections of my research installations, symposiums and fabrication experiments.

Prior to my appointment at the NYCCT, I was Director of the Science and Technology Department at Columbia University's Graduate School of Architecture and also taught at Pratt Institute's Graduate School of Architecture. I came to NYCCT with experience in administration, research and teaching from my previous appointments, where I focused on applied research and active learning. Typical design-based environments as those in architectural education, such as studios and workshops, allow faculty and students to engage in critical thinking and solve open-ended projects through experiential learning. My decision to work at the undergraduate level in a technically oriented program follows from my belief that architecture students in their formative academic years benefit greatly from intense critical and experimental engagement in projects that draw from relationships to practice, research and the academy equally.

My current research involves the relationship of automated construction in architecture through cyber-physical processes such as mixed-reality interfaces, machine learning methods, and advanced structural and building envelope systems. The potential impact on the building industry of advanced integration of computational technologies and human integration is significant and will impact all aspects of the AEC community, as well as affect societal and cultural conditions of

the built environment. By exposing our students to the human relationship and effects of technology, we assure their role in the future of design and construction.

In support of the department and to engage students in contemporary aspects of current architectural and construction related work, I have secured funding from the local Steel Institute for a lecture series looking at the science and technology of metals in design and construction. I have also supported my research through a GRTI grant from CUNY, as well as the CUNY Research Scholars Program (CRSP) and other funding. My past experience in grants includes involvement in NYSERDA, DOE and NSF grants, as well as industry funding and sponsorship.