

The Technical Societies Council of the Niagara Frontier

208 Davis Hall, UB North Campus, Buffalo NY 14260

TSC Annual Joint Dinner Meeting

Topic: GRoW Home

Date: Thursday, March 12, 2020

Time: Cocktails & Social Hour at 5:30 pm (cash bar); Dinner at 6:30 pm

Venue: Salvatore's Italian Gardens
6461 Transit Road
Depew, NY

Speaker(s) Information: Marth Bohm, Assistant Professor – UB School of Architecture

Abstract: “In this presentation, the faculty leader of the University at Buffalo Solar Decathlon team will discuss the overall requirements of the Department of Energy Competition, provide an overview of the mechanical system design for the house, share the results from the 2015 competition, and talk about next steps for the house as an energy education center on the University at Buffalo campus. At the conclusion of the presentation, attendees will have a better understanding of the constraints of the Solar Decathlon competition, what types of mechanical systems may be appropriate for zero net energy houses, and how such systems can be expected to perform.”

Main Speaker Bio: Martha Bohm is the Associate Dean for Academic Affairs for the School of Architecture and Planning, and an Associate Professor in the Department of Architecture at the University at Buffalo, part of the SUNY system. She teaches design, ecological practices, sustainability, resilience, and environmental systems. Her interests include finding ways to integrate analytical tools into design processes in order to better see the unseeable: energy, comfort, climate, air movement, and so on. She was the faculty lead on UB's GRoW Home, the 2nd-prize winner in the 2015 US Department of Energy Solar Decathlon. She is the co-editor of the book *Beyond Patronage: Reconsidering Models of Practice*, published in 2015 by Actar. Before coming to UB she was Sustainable Design Coordinator at William McDonough + Partners in Charlottesville, VA. Prior to that she taught at Cornell. She was a Ginsberg Research Fellow at USGBC and authored the USGBC Research Committee's National Green Building Research Agenda. She earned her M Arch at the University of Oregon, where she was director of the Ecological Design Center, and also co-founder of Design-Bridge, a community-oriented student design-build program. Before graduate school, she worked as a Natural Resource policy analyst at the National Governors' Association Center for Best Practices. She got her BA in Earth and Planetary Sciences from Harvard.

Credits for Education: 1 PDH (pending approval by NYSPE Society)

Dinner Choices:

- Chicken Parmigiana
- Prime Rib (10 oz.)
- Fresh Salmon
- A Vegetarian Option

Cost: TSC Members - \$30
Non Members/Guests - \$35

Reservations: Each individual society collects reservations for its group and calls them in with entrée selections no later than 3/5/20 to Frank Kizlik, TSC Treasurer, via phone at (716) 773-1652 or email at fjkizlik@roadrunner.com ; Each organization will collect their own monies and provide a check (or cash) to the TSC treasurer on the night of the dinner. As a reminder, if a member of more than one society of TSC, just reserve thru one please.