

WMAIA programs

UMASS Building Construction Technology Fall 2019 Lecture Series

Registration is by invitation of the UMASS BCT Program

Please note: *this program is free and open to the public*

Architects who want LUs recorded, please complete this registration form and submit the administrative fee.

For **USGBCI CES** credits – information is provided on site

ALL PROGRAMS TAKE PLACE IN DESIGN BUILDING UMass/Amherst Free Program Parking in Lots 62 & 63 (adjacent to the building)

Monday, September 16 | 4:00-5:15 | 170 Design Building

INTEGRATION OF SOLAR IN THE RESIDENTIAL ENERGY SECTOR – 1 HSW

Gregory Garrison , President Northeast Solar

Solar is an entry level technology that can be integrated with several emerging technologies including storage, energy management, the internet of things and transportation. The discussion will also focus on the obstacles in making the solar energy fully integrated into the residential marketplace. These include price, demographics, urban planning and the current grid construct. The discussion will conclude with a discussion of how to remove barriers to broader adoption and changing the utility business model.

Monday, October 21 | 4:00-5:15 | 162 Design Building

INSTALLING FENESTRATION IN EXTERIOR INSULATED WALLS 1 HSW approval pending

Jaron Vos, Manager: Architectural Solutions Team; Pella Corporation

Fenestration openings are a critical component of the building envelope, especially in today's sustainable, energy-efficient buildings. Join us to discuss the impact of exterior insulation on fenestration installation design.

Monday, November 18 | 4:00-5:15 | 170 Design Building

BUILDING BETTER: HOPES FOR THE PANELIZED CONSTRUCTION INDUSTRY – 1 HSW (approval pending)

Alison Moynihan, Project Manager & Energy Consultant; Foard Panel

Everyone wants to invent an easier, cheaper, higher quality way to build; and panelized or modularized construction looks like it has the potential to provide that dream. Unfortunately, like most inventions, it is not the idea that is powerful; it is the details (and the people) that actually make it work. Panelized or modularized construction comes in hundreds of different forms and offers multiple potential benefits, but it also has its difficulties. This presentation will clarify what the challenges are and what some of the current systems offer.

Monday, December 2 | 4:00-5:15 | 170 Design Building

THE CONTINUING RISE OF WOMEN IN CONSTRUCTION – 1 LU approval pending

Carolina Cudemus-Jones, Director, Design and Construction Management; UMass Amherst

The percentage of women in construction hovers between 9 to 10% across the industry, in the field only 3%. The industry is changing – not only the number of women in the field, design, engineering and construction management is increasing, the industry now recognizes that women bring an additional layer of diversity, experience and management style that have innovated and energized an industry known for its traditional male dominance. Construction in general is experiencing shortages in skilled knowledge across the disciplines and women have become now the future of the industry at all levels.

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REGISTRATION FORM

. To register for Learning Units please complete this form and return with payment **ASAP**

There are _____ people in my party. If you have more than three, please use a second sheet. Please list the names of all the people attending the program.

Name, AIA # _____

Name, AIA # _____

Name, AIA # _____

	<u>9/16</u>	<u>10/21</u>	<u>11/18</u>	<u>12/2</u>	<u>ALL4</u>		<u>TOTAL</u>
AIA Member	\$10	\$10	\$10	\$10	\$30	<input type="checkbox"/>	\$ _____
Non-member Architect.....	\$20	\$20	\$20	\$20	\$60	<input type="checkbox"/>	\$ _____
UMASS Faculty & Staff Architects.....	\$0	\$0	\$0	\$0	\$0	<input type="checkbox"/>	\$ <u>0</u>

____ I have attached below a check or money-order for \$ _____ payable to WMAIA

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