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# **RESIDENTIAL**

# **RESEARCH**

# **SYMPOSIUM**



**RESIDENTIAL RESEARCH SYMPOSIUM**

Wednesday, Sept. 20, 10:00 AM – 3:35 PM **PDT**  
 JW Marriott Desert Springs Resort & Spa, 74-855 Country Club Dr

Palm Desert, CA 92260

Staff: Jontice Small

Staff: Sarah Weber

**AGENDA**

1. Networking Coffee and Tea 10:00 am
   * Introductions – Who are you?
   * Why are you here?
2. Research Presentations by Members – What are you working on?

20-Minute Presentation – 10 Min Q&A for Feedback

*\*First presentation begins at 10:30 am*

**Comparing Energy Usage in Single Family Homes Based on Exterior Wall Assemblies and Insulation**

Somik Ghosh, PhD, LEED AP and Ben Bigelow, PhD, CAPS, CGP

University of Oklahoma

**Spray Foam Insulation and its Impact on Energy Codes, R-Values and Design Considerations**

Lantz Holtzhower

Kennesaw State University

**Driving Sustainability in Residential Construction: Solar Panels and V2G Integration for CO2 Reduction**

Atefeh Mohammad, PhD, P.E., PMP, LEED AP BD+C

California State University, Sacramento

LUNCH BREAK (12:00 – 12:50 pm)

1. Research Presentations by Members – What are you working on?

20-Minute Presentation – 10 Min Q&A for Feedback

*\*First presentation begins at 1:00 pm*

**Assessing the Construction Costs for Improved Energy-Efficient Houses in Massachusetts**

Payam Bakhshi, PhD

Wentworth Institute of Technology

**Faculty Internships Findings** *(10 min. presentation)*

Scott Kelting, PhD, CAPS, CGP, LEED AP

California Polytechnic State University

1. Break (15 min) 1:50 p.m.
2. Research Presentations by Members – What are you working on?

20-Minute Presentation – 10 Min Q&A for Feedback

*\*First presentation begins at 2:05 pm*

**Construction Education at Girls High School Day Camp** *(10 min. presentation)*

Stacy Kolegraff

California Polytechnic State University

**Addressing the Construction Labor Shortage Through Connected Secondary and Post-Secondary Construction Education Pathways**

Francois Jacobs, PhD

University of Wyoming

**Impact of Workers' Transportation on Carbon Emissions in Site-Built and Modular Residential Construction**

Maryam Kouhirostami, PhD

California Polytechnic State University

1. Adjourn 3:35 p.m.