



**NCCS**  
*The Craig and Diane Martin*  
**NATIONAL CENTER FOR  
 CONSTRUCTION SAFETY**



**NATIONAL  
 ACADEMIES** *Sciences  
 Engineering  
 Medicine*

**National Academy of Construction Symposium**

**Introducing and Embedding Safety Culture Concepts in  
 Undergraduate Education**

**School of Engineering, University of Kansas  
 The National Center for Construction Safety**

Date: August 18, 2022

Venue: Spahr Library 2300, KU (Address: 1532 West 15th Street, Lawrence, KS 66045)

**Agenda**

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|----------------|---|
| 8:30 to 9:30   | Light Breakfast/Optional Tours<br><br>Tour Moderator: Robert L. Parsons, Professor, University of Kansas  |
| 9:30 to 10:00  | Welcome/Introducing the Opportunity<br><br>Moderator: Craig Martin, Senior Advisor, NCCS<br><br>Speaker: Wayne Crew, President/CEO, National Academy of Construction <ol style="list-style-type: none"> <li>1. Safety moment</li> <li>2. Symposium structure</li> <li>3. Construction industry safety statistics</li> <li>4. Critical need to implement safety concepts and safety culture throughout the construction industry</li> <li>5. Role/contribution of undergraduate education</li> </ol> |
| 10:00 to 10:30 | First Keynote Address – A construction company perspective<br><br>Speaker: Mike Heitmann, CEO, Garney Construction <ol style="list-style-type: none"> <li>1. Benefits of a Safety Culture</li> <li>2. Industry’s expectation of recent graduates</li> </ol>   |
| 10:30 to 11:15 | Panel 1 – Safety culture and the new graduate   |

Panel Moderator: Craig Martin

Speakers:

1. Burt Morey, State Transportation Engineer, Kansas DoT
2. Chris Turnbull, President, Kiewit Power Constructors
3. Jack Brazil, Vice President, JE Dunn Construction
4. John Smith, Vice President, Alberici Constructors
5. Mike Schneider, Vice President, Baker Concrete Construction

Four or five industry representatives describe their culture of safety and what they need in new graduates

11:15 to 11:30

Break

11:30 to 12:00

Second Keynote Address – A Dean’s perspective

Speaker: Arvin Agah, Dean, School of Engineering, University of Kansas

1. Understanding of industry needs
2. Curriculum and staff constraints
3. Ability to meet industry’s requirements

12:00 to 12:45

Panel 2 – Including safety culture concepts in existing course structures

Panel Moderator: Dave Darwin, Distinguished Professor, University of Kansas

Speakers:

1. Georgi Popov, Chair, Occupational Risk and Safety Sciences Department, University of Central Missouri
2. Kelli R. Kopocis, Chair, Construction Programs Curriculum Committee, University of Nebraska
3. James F. Goddard, Professor, Department of Architectural Engineering and Construction Science, Kansas State University
4. Aaron M. Scurto, Professor, Department of Chemical and Petroleum Engineering, University of Kansas
5. C. Allan Guymon, Chair, Department of Chemical and Biochemical Engineering, University of Iowa

Four or five academic representatives describe how they have incorporated and integrated safety concepts into their course material or how they might do so.

12:45 to 1:45

Lunch/Introduction to the National Center for Construction Safety

1:45 to 3:15	Breakout Discussions <ul style="list-style-type: none"> <li>1. Teaching culture vs. procedure</li> <li>2. Providing help to educators</li> <li>3. Leveraging the results of this workshop</li> </ul>
3:15 to 3:30	Break
3:30 to 4:30	Report Out – Open Discussion
4:30 to 4:45	Next Steps, Wayne Crew, President/CEO, NAC <ul style="list-style-type: none"> <li>1. Publicizing/leveraging the results of the workshop</li> <li>2. Value of this program</li> <li>3. Gratitude and appreciation</li> </ul>
4:45 to 5:30	Social Hour/Networking
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