

# OKLAHOMA ENGINEERING CONFERENCE

## AGENDA

JUNE 12-13, 2025  
TULSA TECHNOLOGY CENTER - OWASSO CAMPUS  
10800 N. 137<sup>TH</sup> E. AVE.  
OWASSO, OK 74055

---

### **THURSDAY, JUNE 12**

**7:30-8:00 a.m.**      **Registration/Continental Breakfast**      **Foyer**

#### **GENERAL SESSION**

**8:00-8:25 a.m.**      **Sycamore**  
**Welcome**  
*Doug Klassen, P.E.; OSPE VP of Education*

**1. OEF Update (.5)**      **Sycamore**  
*Jennifer McCollum, APR; OEF Executive Director*

**8:30-8:55 a.m.**  
**2. Board of Licensure for Professional Engineers and Surveyors Update (1)**      **Sycamore**  
*Richard Willoughby, P.E., F.NSPE*  
*Vice Chair Oklahoma Board of Licensure for Professional Engineers and Surveyors*

**9:00-9:55 a.m.**  
**3. Transportation Update (1)**      **Sycamore**  
*Tim Gatz, Executive Director*  
*Oklahoma Department of Transportation*

**9:55-10:10 a.m.      NETWORKING BREAK**  
***Sponsored by Freese & Nichols***



**10:10-11:05 a.m.**  
**4. Tulsa Metrolink Autonomous Vehicle Pilot Program**      **Sycamore**  
*Michelle Merchant, Senior Sustainability Planner*  
*INCOG; Tulsa Area Clean Cities*

**11:10 a.m.-12:00 p.m.**  
**5. Tulsa Airport Control Tower Construction Update**      **Sycamore**  
***Sponsored by Tulsa Airports Improvement Trust***  
*Alexis Higgins, CEO of Tulsa Airports Improvement Trust and*  
*Brad Schaap, VP Shaffer, Stevens and Schaap*



**12:00-1:00 p.m.**  
**Luncheon**  
**OSPE and NSPE Update**  
*Geoff Covalt, P.E., President, OSPE and*  
*Julia Harrod, P.E., F.NSPE; President-Elect, NSPE*

# OKLAHOMA ENGINEERING CONFERENCE

## AGENDA

JUNE 12-13, 2025  
TULSA TECHNOLOGY CENTER - OWASSO CAMPUS  
10800 N. 137<sup>TH</sup> E. AVE.  
OWASSO, OK 74055

---

### CONCURRENT SESSIONS

**1:00-1:55 p.m.**

**6. OSHA Inspection and Incident Trends (1)**

*Meghan Christie, ASP, Acting Director Oklahoma City Area Office  
OSHA*

**Maple**

**7. Legal Waters: Navigating Oklahoma's Small  
Watershed Flood Control Program (1)**

*Janet Stewart, General Counsel  
Oklahoma Conservation Commission*

**Sycamore**

**2:00-2:55 p.m.**

**8. Engineering Ethics NSPE Board of Ethical Review Cases:  
A Discussion on Competence and Standard of Care (1)**

*Julia Harrod, P.E., F.NSPE  
NSPE President-Elect*

**Sycamore**

**9. Powering America's Future:  
High Voltage Direct Current Buried Transmission (1)**

*Wayne Lagorin, President & CEO  
Resolute Engineering*

**Maple**

**2:55-3:10 p.m.      NETWORKING BREAK**

**Foyer**

**3:10-4:05 p.m.**

**10. Building Oklahoma Mile by Mile (1)**

*Daniel Nguyen, Director of Project Delivery  
Oklahoma Department of Transportation*

**Sycamore**

**11. 3D Printing Concrete Infrastructure with Large Aggregate Around Rebar (1)**

*Massoud Forsat, PhD Student  
Oklahoma State University*

**Maple**

**4:10-5:05 p.m.**

**12. Modernizing the Grid – 100 Years in the Making: Claremore Electrical Grid**

*Matt George, Power Delivery Practice Leader, CEC  
Garrett Ball, P.E., City Engineer, City of Claremore  
Paul Riess, Power Distribution Department Manager, CEC  
Justin Blue, P.E., Power Distribution Project Engineer, CEC*

**Maple**

**13. City of Wichita Drought Response and Water Resiliency**

*Gary Janzen, Director of Public Works & Utilities  
City of Wichita*

**Sycamore**

# OKLAHOMA ENGINEERING CONFERENCE

## AGENDA

JUNE 12-13, 2025  
TULSA TECHNOLOGY CENTER - OWASSO CAMPUS  
10800 N. 137<sup>TH</sup> E. AVE.  
OWASSO, OK 74055

---

### **FRIDAY, JUNE 13**

**7:15-7:45 a.m.**      Registration/Continental Breakfast  
*Sponsored by The Beauty of Block*



### **GENERAL SESSION**

**7:45-8:40 a.m.**

**14. The Words We Use, The Stories We Tell and the Heroes We Celebrate:  
Effective Tools for a Healthy Workplace (1)**  
*Chris Zervas*

Sycamore

### **CONCURRENT SESSIONS**

**8:45-9:40 a.m.**

**15. Tulsa Ports (1)**

*Deanne Hughes, P.E., Board Chair, Tulsa Ports;  
Drue Smallwood, Burns McDonnell;  
Daniel Grisham, Deputy Director, Tulsa Ports*

Sycamore

**16. Mapping the Invisible: A Journey Through SUE (1)**

*Aaron Finley, P.E., SUE Department Manager  
CEC*

Maple

**9:40-9:55 a.m.**      **NETWORKING BREAK**

Foyer

**9:55 – 10:50 a.m.**

**17. From Punching in to Plugging in:  
Secrets to Leading Millennials in the Workplace (1)**  
*Chris Zervas*

Sycamore

**18. Analysis of the Engineering Method (1)**

***Sponsored by Building Experts Institute***

*Dr. Larry Hoberock, Ph.D., FASME, P.E. (Inactive)  
Professor and Head, Emeritus School of Mechanical and Aerospace Engineering  
Oklahoma State University*

Maple



# OKLAHOMA ENGINEERING CONFERENCE

## AGENDA

JUNE 12-13, 2025  
TULSA TECHNOLOGY CENTER - OWASSO CAMPUS  
10800 N. 137<sup>TH</sup> E. AVE.  
OWASSO, OK 74055

---

**10:55-11:50 a.m.**

**19. History of the Arkansas River Through Tulsa and the Vision, Concept, Design and Construction of Zink Lake and the Tulsa Wave Park (1)**

*Brooke Caviness, Stormwater Design Lead; City of Tulsa*  
*Jeff Edwards, Executive Director; River Parks Authority*  
*Joe Medlin; River Parks Authority*

**Sycamore**

**20. State of Engineering In Oklahoma (1)**

*Dr. Hanchen Huang, OSU Dean of Engineering*  
*Oklahoma State University*

**Maple**

**11:55 – 12:40 p.m.**

**Luncheon**

*Alvin Fruga, Mayor*  
*City of Owasso*

**Post Oak**

## GENERAL SESSION

**12:45 p.m. – 1:40 p.m.**

**21. Oklahoma Turnpike Authority Update (1)**

*Joe Echelle, P.E., Executive Director*  
*Oklahoma Turnpike Authority*

**Sycamore**

**1:45 p.m. - 2:40 p.m.**

**22. OHP Anti-Drone Program (1)**

*LT Scott Patton, ESU – Command Post Operations*  
*Oklahoma Highway Patrol*

**Sycamore**

**2:40 p.m. – 2:55 p.m.**

**NETWORKING BREAK**

**Foyer**

**2:55 p.m. - 4:15 p.m.**

**23. Red Rover, Red Rover, Send Curiosity Right Over (1.5)**

**Sponsored by CEC**

*Todd Barber, Propulsion Engineer, NASA*

**Sycamore**



**Adjourn**