

2019

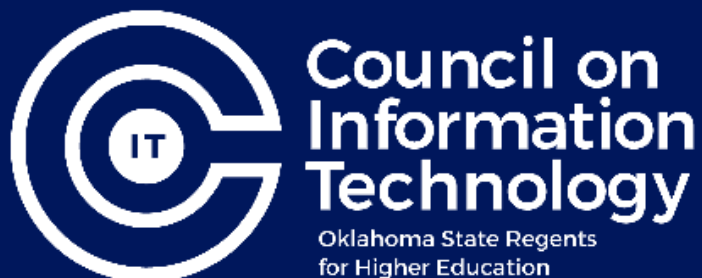
OKLAHOMA  
HIGHER ED  
IT SUMMIT



## **2019 COIT SUMMIT**

May 20 & 21

Nigh University Center, 3rd Floor  
University of Central Oklahoma | Edmond, OK



The Council on Information Technology considers technology and related issues affecting Oklahoma higher education, proposes technology and related policy and procedures and serves as the principal statewide advisory council rendering advice and counsel to the Chancellor of the Oklahoma State System of Higher Education, other advisory groups and the entire state system in the review of current and recommended technology and related policy and procedures.

The council also serves as a forum for IT officers to collaborate and partner on contracts, reports, and studies focused on achieving efficiencies, and planning for emerging technologies. Membership comprises the principal IT officers from each institutional campus and higher education center (as appropriate) in the state system.

Stay connected throughout the year. Join a Oklahoma Higher Education listserv by emailing your interest to [communications@onet.net](mailto:communications@onet.net).

- Windows Server
- Linux Server
- Network/  
Telecommunications
- Security
- Help Desk
- Video
- Banner Users
- Jenzabar Users
- LMS
- Academic Technology
- Web Development
- Office Automation
- Professional Development

## KEY INFORMATION

### WIRELESS

There will be wireless access available. If you have any issues with wireless, please let the registration desk know.

### SESSION RESOURCES

If you would like a copy of a presentation, please email the presenter directly or provide them with your business card.

### RECEPTION

#### MONDAY, MAY 20 from 4:30-7:00 PM STEM Teaching and Research Center

UCO Campus, 100 N. University Dr. Edmond, OK 73034

Relax and get to know your colleagues over appetizers and drinks while exploring the STEM Teaching and Research Center.

- Each attendee will receive two drink tickets. A cash bar is available.
- Please wear your name badge for admittance.
- **Directions from UCO High University Center:**  
Walk across the parking lot to the south of the High University Ctr

### VENDOR CONNECTIONS - Ballroom C

Events like this are only possible due to the generosity of our Vendor partners. Please take time to visit the vendor booths and discover products and services.

- Each attendee will receive a card that can be stamped by the vendors.
- Once you receive 10 initials, turn your card in at the registration desk for a chance to win great prizes!
- **Prizes will be given at the Awards Ceremony after lunch on Tuesday.** Must be present to win.

## MONDAY KEYNOTE



### MICHAEL K. MILLER Jumping the Digital Divide in Higher Education

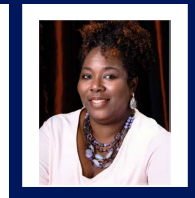
Mike Miller, Executive Partner from Gartner's Executive Programs division, will share leading business and tech trends in Higher Education and how CIO's can navigate these shifts by changing the culture of IT.

Michael K. Miller advises and coaches education CIOs and CTOs on matters related to strategy, culture, communications, and cost optimization.

Prior to joining Gartner in 2006, Mr. Miller was an officer and an Airborne Ranger in the Army, where he served in a variety of infantry leadership positions and as an intelligence officer. His infantry postings included Ft. Benning, GA, South Korea, and the U.S. Army's National Training Center in the High Mojave desert of CA. Mike also served as an intelligence officer in the vicinity of Baghdad, Iraq.

After leaving the Army and during his time in graduate school at the Georgia Institute of Technology, he started a small start-up called Advanced Tactics that collaborated with an Atlanta-based video game publisher to design and develop a training application for small unit leaders in the Army. His team was awarded an Atlanta Technology Development Center sponsorship.

## TUESDAY KEYNOTE



### Crystal Heard Cyber Systems Integrator

Walter Elliot said, "Perseverance is not one long race, but many short races run one after the other." Crystal will talk about the powerful weapons of perseverance and persistence that she obtained running different races in her life and how they have been instrumental in her 20+ year career in the male-dominated field of Information Technology. She will share lessons that motivate all to "keep on keeping on."

Crystal Heard is an Electronics Engineer and a Certified Information System Security Professional for the United States Air Force. In her current position, she serves as the Cyber Systems Integrator providing engineering support on network architecture design, network modernization, data analysis, contract acquisitions, and policy development.

Crystal began her federal career at Tinker AFB in 1996 as a project engineer in the Distribution Systems Branch. In 2008, Crystal broadened her career by working for 21st Century Technologies, an 8(a), woman-owned, small disadvantaged business as the Contract Manager providing IT support to the Information Technology Directorate of Tinker AFB.

It is her desire to educate and motivate individuals to think positively and have a balanced life—spiritually, professionally and personally. Her modus operandi—"I have been given the tongue of the wise to speak a word in due season to them that are weary."

## AGENDA AT-A-GLANCE

### MONDAY

**8:00-9:15AM**  
CHECK-IN & BREAKFAST  
- Ballrooms A&B  
Sponsored by Chickasaw Telco

**9:15-9:30AM WELCOME**  
- Ballrooms A&B  
Glen Johnson, Chancellor  
Oklahoma State Regents for  
Higher Education

**9:30-10:30AM KEYNOTE**  
*Jumping the Digital Divide  
in Higher Education*  
Michael Miller, Executive Partner  
Gartner Executive Programs

**10:45-11:15AM**  
VENDOR SESSIONS  
& EXHIBITS

**11:15AM-12:05PM**  
BREAKOUT SESSION I

**12:05-1:15PM**  
LUNCH &  
NETWORKING  
Sponsored by U.S. Cellular

**1:15-1:45PM**  
VENDOR SESSIONS  
& EXHIBITS

**1:45-2:35PM**  
BREAKOUT SESSION II

**2:35-3:30PM**  
VENDOR EXHIBITIONS  
& REFRESHMENTS

**3:30-4:20PM**  
BREAKOUT SESSION III

**4:30-7:00PM**  
RECEPTION AT STEM  
Sponsored by Jenzabar

### TUESDAY

**8:00-9:00AM**  
CHECK-IN & BREAKFAST  
Sponsored by Brown, Hendrix &  
Associates

**9:00-10:00AM KEYNOTE**  
*Short Races*  
Crystal Heard, CISSP, GS-13 U.S.  
Air Force, Enterprise Cyber  
Systems Integrator

**10:10-11:00AM**  
BREAKOUT SESSION I

**11:00-11:30AM**  
VENDOR SESSIONS  
& EXHIBITS

**11:30-12:20PM**  
BREAKOUT SESSION II

**12:20-1:30PM**  
LUNCH &  
NETWORKING  
Sponsored by Veeam  
Software Corp.

**1:30-2:00PM**  
CLOSING SESSION &  
AWARDS PRESENTATION

## MONDAY AGENDA

KEY

- Data All Over
- Student Centered Institution
- Keeping the Lights On
- Technology Buzz
- Putting People First

### 10:45AM - VENDOR SESSIONS

**Presentation by: Jive Communications** - Room 312

**Presentation by: Amazon Web Services** - Room 314

### 11:15 AM

#### ● **Mass Loading SDE and Creating High Performance Views** - Room 320C

**Dakota Kelley** - Application Developer, Oklahoma State University

**Garrett Nicholas** - Application Developer, Oklahoma State University

We want to show everyone all the tips and tricks that allow us to mass load the SDE and create high performance views for the SDE.

#### ● **Term Based and Active Start Term Holds in Banner Student** - Room 300

**Robyn Moore** - Associate Registrar for Technology, Oklahoma State University

**Kyle Sires** - Senior Application Developer, Oklahoma State University

Review of the custom process OSU developed to use holds and registration groups to mimic term-based registration holds.

#### ● **Addressing the Risks of Cyber Attacks with an Information Security Awareness and Training Program** - Room 304

**Randy Moore** - Director, Information Security Services, University of Oklahoma Health Sciences Center

Phishing is the #1 attack method in 91% of cyber-attacks. This presentation will suggest security awareness activities to address these threats.

#### ● **How to Teach Information Technology** - Room 314

**Benjamin Lewis** - Instructional Technologist, University of Oklahoma

How do you engage your audience? This presentation will discuss methods to train customers on how to use your tool, and empower them to champion it. Attendees will leave with an understanding of learning theories and how they apply to higher education Information Technology.

## MONDAY AGENDA

### 1:15 PM - VENDOR SESSIONS

**Presentation by: Aruba** - Room 312

#### **Compromised User and Host Detection Using Behavioral Analytics**

Discuss a variety of attacks utilizing compromised credentials and the benefits of utilizing behavioral analytics, machine learning and network data to identify and stop external attacks.

**Presentation by: Juniper Networks** - Room 314

### 1:45 PM

#### ● **Navigating the alphabet soup of IT resiliency and expectations for IT.** - Room 320B

**EJ Miller** - IT BCDR Coordinator, University of Oklahoma Health Sciences Center

IT resiliency, business continuity, disaster recovery and emergency operations plans, together we will review what these are, how they are different, and why they are critical.

#### ● **Implementing Single Sign On in Higher** - Room 320C

**Ed John Sebert** - Senior Application Developer, Oklahoma State University

See how Oklahoma State University has setup Single Sign On in their system to support various vendors and SSO methods.

#### ● **Student Panel - Oklahoma Students Answer Questions about Higher Education IT** - Room 300

**Chris Kobza** - Director - Campus and Community Engagement, University of Oklahoma

Engage with current students as they respond to our questions and provide insight into the role technology plays in their collegiate experience!

#### ● **Artificial Intelligence in Higher Education...are we there yet?** - Room 304

**Michael Page** - Director of IT Planning and Engagement, University of Central Oklahoma

The presentation will explore the potential uses of Artificial Intelligence in the higher Education space.

#### ● **Diversity, Implicit Bias, and Inclusion within IT** - Room 314

**Jenae Goodin** - University of Oklahoma

Why is it important? What are the challenges we face? We will also explore resources and provide an outline of the program OU IT is in the process of implementing.

## MONDAY AGENDA

3:30 PM

- **Modifying Banner E-Learning Integration to work with CANVAS.** - Room 320C  
John Sebert - Senior Application Developer, Oklahoma State University  
Jason Nord - Application Developer, Oklahoma State University  
Implementing Canvas LMS with the Banner E-Learning Integration?  
Come see what can be done to make the implementation process easier
- **Taming the UCO Software Approval Process**  
- Room 320B  
Michael Calhoun - Manager Application Services, University of Central Oklahoma  
Jimmy Young - Manager Technology Support, University of Central Oklahoma  
UCO is conquering the madness of the annual FY end spending frenzy with a new process to request, evaluate, approve and track software purchases.
- **Student Focus Technology Initiative** - Room 300  
Jeremy Hessman - Instructional Technologist, University of Oklahoma  
Tomika Cox, Christian England and Ben Lewis - University of Oklahoma  
A presentation on how Information Security Compliance and Security Operations can work together to leverage your log source data for Incident Response
- **Implementation of a Robust and Cost Effective, Campus-wide Digital Signage Solution** - Room 304  
Julio Mata - Manager, Media Services, University of Central Oklahoma  
Victor Silva - Director, Information Technology - University of Central Oklahoma  
The University of Central Oklahoma has recently implemented an on premise powerful cost savings enterprise digital signage solution.
- **Virtual Reality and Online Learning** - Room 312  
Greg Hallman - Ocupath  
Virtual reality (VR) is a tool that can enhance your traditional online learning experience as soon as Spring 2020.

## MONDAY AGENDA

KEY

- Data All Over
- Student Centered Institution
- Keeping the Lights On
- Technology Buzz
- Putting People First

4:30 PM

### MONDAY, MAY 20 from 4:30-7:00 PM Donald L. Betz - STEM Teaching and Research Center

UCO Campus, 100 N. University Dr. Edmond, OK 73034

Relax and get to know your colleagues over appetizers and drinks while exploring the STEM Teaching and Research Center.

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## TUESDAY AGENDA

10:10 AM

● ***OU Client Computing Standardization Program*** - Room 320B

**Jeff McCanlies** - Support Advisor, University of Oklahoma Health Sciences Center

Let's discuss the rationale and process behind implementing a client computing standardization program across three campuses.

● ***Oracle Query Performance Analysis*** - Room 320C

**Dakota Kelley** - Application Developer, Oklahoma State University  
**Praveen Gollapudi** - Application Developer, Oklahoma State University

We want to teach you how to do basic Oracle Query performance analysis. We'll cover explain plans, execution plans, and some basic troubleshooting.

● ***Virtue Ethics: Surviving IT leadership and leading future leaders.*** - Room 314

**Michael Martin** - CIO, Carl Albert State College

IT leaders and professionals require more than rules and intuition to do the right thing. Rules can be broken feelings can mislead but character leads.

● ***Automating Awarding Degrees in Banner Student*** - Rm 300

**Robyn Moore** - Associate Registrar for Technology, Oklahoma State University

This presentation walks through OSU approached making awarding degrees more efficient and automated.

● ***The Digital "Umbrella" Academy*** - Room 304

**Amanda Keesee** - Manager, Academic Tech & Training, University of Central Oklahoma

**Adri Edwards-Johnson** - Technology Trainer II, University of Central Oklahoma

United by a desire to explore new technology, faculty across campus - with an extraordinary desire to learn - uncover amazing mobile opportunities.

## TUESDAY AGENDA

KEY

- Data All Over
- Keeping the Lights On
- Putting People First
- Student Centered Institution
- Technology Buzz

### 11:00 AM - VENDOR SESSIONS

**Presentation by: Veeam Software** - Room 312  
***From Backup to Business Continuity***

No longer is having a backup of your data enough. We take a look at the journey to business continuity leveraging the 3-2-1 rule.

**Presentation by: Dell** - Room 314

### 11:30 AM

● ***Negotiating your Worth - how to Negotiate for your next promotion or raise.*** - Room 320B

**Kim Thomas** - Senior Technology Strategist, University of Oklahoma Dr.  
**Terri Cullent** - Associate Professor, JRCoEd, University of Oklahoma

Would you like to be able to advocate for yourself, by knowing your worth and how to have those hard conversations about promotion and raises?

● ***Mac Management Made Easier with Jamf*** - Room 314

**Kenny Taylor** - Technical Services Coordinator - University of Central Oklahoma

A discussion about providing a centralized Mac management solution in an organization with multiple independent departments and tech support teams.

● ***Federally Funded Cybersecurity Resources for Public Universities*** - Room 320C

**Jessica Cone and Brendan Montagne** - Program Specialists, Multi-State Information Sharing and Analysis Center

The MS-ISAC is the key resource for cyber threat prevention, protection, response and recovery for the nation's Public Universities.

● ***An Academic Perspective on Classroom and Campus Technology*** - Room 300

**Marc Willis** - VP of Academic Affairs, Carl Albert State College  
**Michael Martin** - CIO, Carl Albert State College

A discussion of how academic and IT operators often ask one another to "wave a wand" without consideration of others' perspective or needs.

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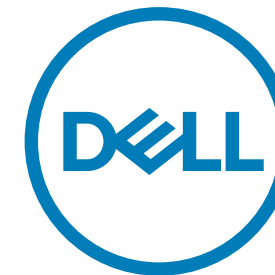


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Special thanks to the Office of State Regents for Higher Education  
and OneNet for their ongoing support of the CoIT Summit.