Wednesday, February 11

7:30 – 9 am
Registration and Breakfast Buffet
Sponsored by Four Winds Interactive
Ballroom Lobby
Salons A-B-C

9 – 10:30 am
Welcome
Rodney L. Zent, Ph.D., Executive Director, TTVN
Salon D

Keynote Presentation
James McLurkin, Roboticist, Inventor, Researcher and Teacher
Dances with Robots: The Story of One Engineer, 112 Little Robots, & the Toys, Insects, and Star Wars Movies that Made it all Possible

10:30 – 11 am
Refreshment Break

11 am – 12 pm
BREAKOUT SESSION 1

11 am – 12 pm
BREAKOUT SESSION 1

GENERAL IT

Zero-Days, The Dark Web and Network Security
Mike Esparza, TAMU Health Science Center
An overview of new network security topics and headlines. Discussing ideas, technologies and news that should be of interest and concern to the IT professional.

Change Management: Skills for Surviving Organizational Change
Stephen Balfour, TAMU College of Liberal Arts
Organizational change is hard for everyone and often imposed on us. It uproots us, changes our procedures, violates old expectations, and creates new ones. Learn techniques to harness organizational change to meet your professional, and perhaps personal, goals.

LESS and SASS: Shortcuts for Creating Great CSS
John Phillips, TAMU College of Architecture and Xavier Porter, Texas A&M IT
CSS creation is hard! It’s time-consuming, confusing, and all of those rules and prefixes are sometimes hard to remember. But wait, there is a solution. This session introduces the concept of integrating CSS preprocessors into your development workflow, discusses the differences between two popular preprocessors, LESS and SASS and provides a quick intro into how using a CSS preprocessor can decrease your front-end development time.
Highlight: TAMU Project Management Office – Increasing Team Success
Alison Winslow, Texas A&M IT

Communication breakdowns between teams create delays, confusion and frustration. Avoid finger pointing and increase success with a simple quick tool: a RACI Chart. In this session, learn how to build and use a RACI chart to help your team succeed. Also, get an introduction to more tools and services provided by the PMO to increase team success.

12 – 1:30 pm
Lunch Buffet
Sponsored by CenturyLink Government

1:30 – 2:30 pm BREAKOUT SESSION 2

Modern Tools for Managing Macs
Joseph Rafferty, TAMU College of Liberal Arts
The explosive growth of Macs in the enterprise has spawned a number of fantastic projects from IT groups around the world that provide management strategies and workflows. We will briefly go over some of the management tools that can be used for deployment, configuration, updates, and much more.

Polling Technology Facilitates Decision-Making Skills in the Flipped Classroom
John August, TAMU Center for Teaching Excellence
Pedagogical application of a web-based polling program (Poll Everywhere) strengthens student engagement and decision-making skills when applied to case studies in the flipped classroom. This interactive, hands-on session illustrates best practices and indications for polling technology, including peer learning and peer calibration.

The Politics of Designing a Large University Website
Erick Beck, TAMU Marketing and Communications
The most difficult part of any large web project is almost never the technology used or the actual building of the site. It is the politics that must be navigated before, during, and after other work starts. Erick Beck, Director of Web Development at TAMU’s Division of Marketing & Communications, will present observations and insights learned from his experiences in working on large-scale university web projects.

Panel: Outsourcing the Help Desk
Stephen Wilson, Tarleton State University; Todd Lutz, TAMU Central Texas; Court Sansom, Texas A&M IT
Two TAMU System schools have partnered with TAMU-College Station to outsource parts of their Help Desk operations to TAMU’s Help Desk Central. Panel members will talk about their experience with this process, the benefits they encountered, and the challenges they had to overcome to achieve it.

2:30 – 3 pm Refreshment Break

3 – 3:50 pm BREAKOUT SESSION 3

TAMUS Security Operations Center
Chaired by Dan Basile, TAMU Health Science Center, Mike Esparza, TAMU Health Science Center; Andrew Stokes, Texas A&M Veterinary Medical Diagnostic Laboratory
A moderated discussion about IT security topics, with a focus on the newly-formed TAMU System Security Operations Center. Learn what the TAMUS SOC is both today and tomorrow, what its capabilities are, and what it can do for your organization.

Blackboard (eCampus) for IT Professionals
Jeff Kurtz and Jernaley Martin, TAMU Instructional Technology Services
There is a technology used by many faculty members every day that you may have very little experience with: Blackboard Learn, also known as eCampus. Blackboard Learn has many features used in Fortune 500 businesses for things other than teaching such as document workflows and being a digital repository. Come to this session to learn how Learn can be used to benefit your department, your unit, AND to get the scoop on some advanced features in Learn that you can then teach to faculty you might support.

Continuous Integration and Testing for Web Applications
Noel Bundick and David Sweeney, TAMU Division of Student Affairs
For complex development projects, much time can be spent in testing and deployment. Issues arise and become harder to manage as the project becomes more complex. Using continuous integration, our team has created a process to build, test, and deploy complex applications developed by a team of developers that reduces errors and time to deployment. The process allows the team to develop faster, and with better quality, while automating most steps. This presentation will detail our continuous integration process.
Highlight: Duo and Two-Factor Authentication
Tom Golson, Texas A&M IT
An introduction to two-factor authentication with the System's new service from Duo Security. We'll look at how it works, what it can do, and what it can't do. Duo two-factor authentication is now available as a service System-wide.

4 – 5 pm BREAKOUT SESSION 4

Culture Shift: How DevOps Changed the Way We Think About IT
Adam Mikeal, TAMU College of Architecture
The IT team for the Texas A&M College of Architecture recently undertook an organizational change initiative to transition to the DevOps style of IT management. Learn about the team's approach to change and the challenges they faced. Discover valuable lessons in organizational change that can help you in your organization.

Identity Management and Ensuring Students Are Who They Say They Are
Lionel Cassin, TAMU Corpus Christi and Tom Golson, Texas A&M IT
An encore performance of this popular session from the Chancellor's Summit on Academic Technology explores identity management concepts and approaches to authentication, as well as different proctoring technologies to ensure the identity of students performing online activities and taking assessments.

Panel: Usability Testing for the Web
Bennett Ponstorf, TAMU Libraries and Andy Swaffar, TAMU Division of Finance and Administration
This session will provide a short overview of usability testing and talk about work done at the Texas A&M University Libraries and Texas A&M University Division of Finance and Administration. Time will be set aside for questions and answers.

Highlight: Laserfiche
Judith Lewis, Texas A&M IT
This session will showcase recent successes that leveraged the shared service features to transform business processes. Come let us share how leveraging the shared service can make similar transformations possible in your department.

6 – 8 pm Technology Exhibition Reception
Salons E-F-G-H
**Highlight: ServiceNow**

Josh Kissee, Texas A&M IT

Gain the inside track on the newest Shared Service for IT Service Management. The ServiceNow platform is open across the Texas A&M System with all original partners actively using the tool. This session will provide information on the history of the project, lessons learned, future plans for deployment, and how to become involved.

12 – 1:30 pm
Lunch Buffet

**Implementing Electronic Signatures for Student Records**

Randy Berger and Kevin Kraeft, TAMU Provost IT; Tom Golson, Texas A&M IT

A demonstration on technical use cases of the DocuSign electronic signature solution with various Texas A&M University custom software applications. Presenters will provide a technical overview of the DocuSign API and as well as an example of use cases with existing software applications. The presenters will provided a lessons learned, as well as provide general overview of how DocuSign is being used for a production and two in-process applications at Texas A&M University.

1:30 – 2:30 pm BREAKOUT SESSION 2

**Panel: TAMUS Council on Academic Technology and Innovative Education (CATIE) Update**

Chaired by Yakut Gazi, TAMU Dwight Look College of Engineering

TAMUS Council on Academic Technology and Innovative Education (CATIE) was formed in June 2014. Through its task forces, the council has been working on issues that impact the domain of academic technology across the A&M System. Topics covered are: quality assurance in online and blended learning, accessibility, identity management/authentication, state authorization, and continuing education collaborative licensing initiatives.

2:30 – 3 pm Refreshment Break

**It Takes A Village: Moving Towards Mobile**

Allison Oslund, Texas A&M IT; David Sweeney, TAMU Division of Student Affairs; Adam Mikel, TAMU College of Architecture

Texas A&M University successfully implemented a Go Mobile! initiative to encourage mobile-friendly communication across campus. This presentation will discuss the cooperative model used by their Mobile Strategy Team to develop a mobile strategy, web resources, and supportive community; resulting in a mobile-aware campus and tremendous growth in responsive websites. This process can be adapted to promote any significant change across your organization.

**New Technologies in Distance Learning**

Pat Abrego, Texas A&M International University; Dave Easlick, Texas A&M University-Central Texas; Sean Alexander, Health Science Center

The session speakers will showcase and discuss lessons learned on several new distance technology implementations. These technologies include Blue Jeans Videoconferencing service, Kaltura Video Platform, and Cisco Unified Videoconferencing technologies.

**In-House Responsive Development – A Full-Team Discussion**

Daphne Hunt, Karole Schroeder, Morgan Hammond, and Ernesto Martinez, Tarleton State University

What is involved when developing and implementing a custom responsive design at a university? Tarleton State University's entire web services team discusses the plans, processes, pizza orders, and pairs of going responsive. This is a presentation for your entire web team - designers, programmers, content specialists and managers. Attendees can expect to learn about building a custom framework, best practices, required resources, and lessons learned.
**Highlight: EMC Syncplicity**
Danny Miller, TAMU IT; Gaurav Verma, Syncplicity Business Unit, EMC

The A&M System recently embarked on a project to select a highly secure and collaborative file sharing and synching system that would allow all constituents, from students to faculty, researchers, technology professionals and administrative users to easily and safely share and synch files. This presentation introduces Syncplicity, how it works, and why it is key to our strategy of securely sharing files internally and externally.

**4 pm – 5 pm BREAKOUT SESSION 4**

**An Introduction to 3D Printing and Digital Fabrication**
Ben Nguyen and Jason Vaughn, TAMU College of Architecture

A broad overview of 3D Printing and Digital Fabrication will be presented to attendees with an emphasis on functionality in the educational and enterprise environments. Topics covered will include a brief history of the beginnings of 3D printing, types of printing, materials available, the processes involved to begin digital fabrication and case studies.

**Next Generation Learning Spaces**
Amber Muenzenberger and PK Imbrie, TAMU Dwight Look College of Engineering

While current technology has modernized the look and feel of these classrooms, little work has been done to re-vision this modality of instruction. The presentation will provide insight on next generation learning spaces, what needs to change to enhance student learning and how we will get there.

**Designing for Mobile First**
Allison Oslund and Laura Root, Texas A&M IT

Learn about the importance of wireframes, testing throughout the development process and helpful resources that will ensure your users get the best website experience – no matter what device they’re viewing it on. This presentation applies to all members of the web design and development process, including graphic designers, web developers, content organizers and communications managers.

**Highlight: Cascade CMS**
Robert Cheyne and Lacey Baze, Texas A&M IT; Erick Beck, TAMU Marketing and Communications; Daphne Hunt, Tarleton State University

This session highlights the Cascade content management system shared service. Learn about the technical side of building a website, the content editor’s experience and one web team’s workflow process. Information about Cascade pricing and availability will also be available.

**FRIDAY, FEBRUARY 13**

**8 – 9 am Registration and Breakfast Buffet**
Ballroom Lobby Salons A-B-C

**9 am – 12 pm WORKSHOPS**

**3D Printing Workshop**
Benedict Nguyen, TAMU College of Architecture and James Wilson, TAMU Dwight Look College of Engineering

In the 3D printing workshop, you’ll get the 101 of 3D printing. From making your own files to pulling them out of a printer, you’ll get the hands-on experience of what the 3D printing process is like!

**Security Workshop**
Paul Wiggins, TEEX and Dan Basile, TAMU Health Science Center

A dynamic conversation about security and compliance-related topics in the modern environment. Topics will cover issues and security topics seen in industry, more in-depth information regarding the TAMUS Security Operations Center, and issues surrounding the concepts of compliance validation in your own environment.

**Wireshark Troubleshooting**
Jeff Carrell

Wireshark is a network protocol analyzer for Unix and Windows. This workshop will cover basics of setting up Wireshark for optimal use and tips concerning multiple profile configurations to quickly navigate large amounts of data. There will be hands-on lab exercises in order to demonstrate the newly learned ease-of-use capabilities within Wireshark. Specific trace files will be made available for the hands-on labs.

**Canvas Workshop**
Estelita Young

Canvas is a next generation learning management system that will be the perfect sidekick for teaching and learning. Come to this workshop to see Canvas’ speed grader, drag and drop calendar, and ways to give feedback to students with video. Canvas integrates with social media sites like YouTube, Twitter, and Facebook, allowing students to get information (and give you information) in the ways they prefer with the devices they are used to. Canvas also allows you to tie learning outcomes to grades and perform learning analytics. Come see this exciting session on Canvas. Simple. Smart. Transformative.
SPECIAL EVENTS

TECHNOLOGY EXHIBITION, SALONS E-F-G-H
Don’t miss our Technology Exhibition featuring many vendors demonstrating the latest technology advancements and service offerings in the higher education industry.

WEDNESDAY 1 – 8 pm
THURSDAY 10 am – 3:30 pm

EXHIBITION RECEPTION, SALONS E-F-G-H
A reception will be held in the exhibition area featuring libations, hors d’oeuvres, cold boiled shrimp, and great prizes! Prize drawings will begin at 7.

WEDNESDAY 6 pm – 8 pm

CASINO NIGHT, FLORAL BALLROOMS
Join us for a dinner buffet, games of chance and prizes galore!

THURSDAY 6:30 – 10 pm
6:30 – 7:00 pm Reception
7:00 – 8:00 pm Dinner
7:30 – 10:00 pm Casino

*Admission to the evening special events is included in the full registration fee. Individual and guest tickets for these events are available at the Summit registration desk.

KEYNOTE SPEAKERS

JAMES MCLURKIN
Roboticist, Inventor, Researcher and Teacher
As a child, James McLurkin was constantly building with LEGO bricks, cardboard boxes, or any other materials he could access. Today, he continues this tradition using Mother Nature as a model, researching and developing algorithms and techniques for constructing and programming large swarms of autonomous robots.

A leader in the field of robotics, McLurkin is an assistant professor at Rice University in the Department of Computer Science. His research focuses on developing distributed algorithms for multi-robot systems, which are software that produce complex group behaviors from the interactions of many simple individuals. These ideas are not new: ants, bees, wasps, and termites have been running this type of software for 120 million years. His research group has one of the largest collections of robots in the world, with over 200 robots in use. The SwarmBots were originally created during McLurkin’s five-year tenure as lead research scientist at iRobot, one of the world’s leading robotics companies, and were the largest swarm in the world at the time.

He holds a BS in electrical engineering with a minor in mechanical engineering from M.I.T., an M.S. in electrical engineering from the University of California, Berkeley, and an M.S. in computer science from M.I.T. He is currently pursuing a Ph.D. in computer science at the M.I.T. Computer Science and Artificial Intelligence Laboratory.

MARK STONE
Chief Information Officer, Texas A&M University System
Mark A. Stone serves as the System CIO for the Texas A&M University System. The Texas A&M University System is one of the most influential systems of higher education in the nation, with a budget of $3.8 billion. Through a statewide network of 11 universities, seven state agencies, two service units, and a comprehensive health science center, the A&M System members educate more than 131,000 students and makes more than 22 million additional educational contacts through service and outreach programs each year. Externally funded research expenditures exceed $820 million and help drive the state’s economy. With more than 28,000 faculty and staff, the A&M System has a physical presence in 250 of the state’s 254 counties and a programmatic presence in every one.
NOTES


CLOSED MEETINGS

Information Security Officer Working Group
Tuesday, 10 am – 5 pm, Ivy 2

TAC 216 Companion Guide Working Group
Wednesday, 1:30-5 pm, Boardroom (9th Floor)

CIO Council
Friday, 8 am – 2:15 pm, Garden Terrace (2nd Floor)
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