

# MTUG 2019 IT Summit – June 13, 2019 – Workshop Schedule

Schedule, rooms, topics, and descriptions subject to change. **Last update 6/11/19 8:30 AM.**

Room & Track	Session A (9:15 – 10:15 AM)	Session B (11:15 AM–12: 15 PM)	Session C (2:15 – 3:15 PM)
<b>INFRASTRUCTURE Track</b>			
Connecticut Room, 1 <sup>st</sup> Fl/Lobby (cap. 80)	<b>Building Disaster Recovery into a Network Upgrade</b> <i>Bruce Hall &amp; Matt Thomas, Bates College</i> <b>TECH SKILL LEVEL: Basic</b>	<b>AWS for the Enterprise: <i>Managing across your organization</i></b> <i>Doug Roberts, WEX</i> <b>TECH SKILL LEVEL: Intermediate</b>	<b>Modern end user computing: <i>Deploying &amp; managing Windows 10 with Intune</i></b> <i>Nate Flynn, Residential Mortgage Services, &amp; John Yurewicz, Microsoft</i> <b>TECH SKILL LEVEL: Intermediate</b>
<b>I.T. CAREER DEVELOPMENT Track</b>			
York Room, 2nd Floor (cap. 60)	<b>Interviewing and retaining cybersecurity talent</b> <i>Sam Gaudet, Tanium</i> <b>TECH SKILL LEVEL: Intermediate</b>	<b>Collaboration Tools for Teams: <i>Getting away from email for reduced madness!</i></b> <i>Raija Suomela, Operations Lean East, &amp; Priscilla Hansen Mahoney, Blazing Trails Coaching</i> <b>TECH SKILL LEVEL: Basic</b>	<b>Growing a Technical Workforce with Computer Science in Maine Schools: <i>Where are we, and how can we do better?</i></b> <i>STEM Education Strategies LLC, Maine Math &amp; Science Alliance, &amp; Wiscasset Middle/High School</i> <b>TECH SKILL LEVEL: Basic</b>
<b>I.T. MANAGEMENT Track</b>			
<i>Session A (9:15a) &amp; Session B (11:15a) only.</i>			
Rhode Island Room, 1 <sup>st</sup> Fl/Lobby (cap. 80)	<b>IT Risk Frameworks: <i>What they are, and how to use them for targeting IT threat mitigation</i></b> <i>InfraGard, with representatives from MaineHealth, Thomas College, Idexx, Bath Savings Bank &amp; Tyler Technologies</i> <b>TECH SKILL LEVEL: Intermediate</b>	<b>The Absolute Simplest Approach to IT Management</b> <i>Scott Bourget, Maine Machine Products, &amp; Channing Arndt, Systems Engineering</i> <b>TECH SKILL LEVEL: Intermediate</b>	
<b>SECURITY Track</b>			
Kennebec / Lincoln Room, 2nd Floor (cap. 100)	<b>Security is a mission... <i>not an intermission</i></b> <i>David Balcar, Carbon Black &amp; Bill Bocash, Stonewall Kitchen</i> <b>TECH SKILL LEVEL: Basic / Intermediate</b>	<b>Building Automation into your Cybersecurity Program: <i>Tales from the trenches</i></b> <i>Cyberhoot.com, Ashton &amp; Co., &amp; Single Digits</i> <b>TECH SKILL LEVEL: Basic</b>	<b>Extending Network Security with PKI</b> <i>State of Maine and Presidio</i> <b>TECH SKILL LEVEL: Intermediate</b>
<b>TECH MAVERICK Track</b>			
Cumberland Room, 2nd Floor (cap. 60)	<b>Stop Trying to Make DevOps Happen, or <i>It's Not Going to Happen!</i></b> <i>Benjamin Hamilton, Blue Tarp Financial &amp; Breanna Veillette, Idexx Laboratories</i> <b>TECH SKILL LEVEL: Basic</b>	<b>Think Before You Ink: <i>Changing the printing culture on a college campus</i></b> <i>Kareem Myrick, John Murray, Kimberly Post, and Kevin Murphy, all of Saint Joseph's College of Maine</i> <b>TECH SKILL LEVEL: Intermediate</b>	<b>Learn about Blockchain and Quantum computing.</b> <i>Rich Casselberry, Liberty Mutual</i> <b>TECH SKILL LEVEL: Basic</b>

## MTUG 2019 – Workshop Descriptions

### Educational Workshop Descriptions

#### I.T. INFRASTRUCTURE Track

##### **Building Disaster Recovery into a Network Upgrade**

**9:15am – Connecticut Room, 1<sup>st</sup> Fl/Lobby**

**TECH SKILL LEVEL: Basic**

An on-going network upgrade project at Bates College shows how plans for disaster recovery can be built into the network design. This upgrade was focused on increasing the campus internet connection to 10Gb. This major upgrade was planned to not only increase capacity but to increase the ability of the network to function in the event of disaster. This session will show how the upgrades were planned and tested to verify performance and resilience in the event of disaster.

*Bruce Hall, Network Administrator – Bates College*

*Matt Thomas, Desktop Operations Analyst – Bates College*

##### **Amazon Web Services (AWS) for the Enterprise: Managing across your organization**

**11:15am – Connecticut Room, 1<sup>st</sup> Fl/Lobby**

**TECH SKILL LEVEL: Intermediate**

Managing AWS for an Enterprise requires thoughtful consideration of cost, security, standards and best practices. Journey with WEX Inc. as we share some of our considerations as we move to the cloud.

*Doug Roberts, Cloud Engineer – WEX*

##### **Modern end user computing: Deploying and managing Windows 10 with Intune**

**2:15pm – Connecticut Room, 1<sup>st</sup> Fl/Lobby**

**TECH SKILL LEVEL: Intermediate**

This presentation takes an in-depth look at enrolling and managing Windows 10 devices using Microsoft Intune device management. Review multiple device management, domain join, and enrollment strategies. Considerations on virtual desktop publication, pure local, and hybrid scenarios. Real life project implications, lessons learned. Includes detailed technical discussion and admin portal walk-through.

*Nate Flynn, Director of Applications – RMS (Residential Mortgage Services)*

*John Yurewicz, Partner Sales Northeast/SMB – Microsoft*

#### I.T. CAREER DEVELOPMENT Track

##### **Interviewing and Retaining Cybersecurity Talent**

**9:15am – York Room, 2<sup>nd</sup> Floor**

**TECH SKILL LEVEL: Intermediate**

In today's economy, hiring and retaining skilled talent is difficult. In this workshop, we will discuss interview strategies that encourage dialog.

Topics presented will include:

- *benefits that are important to today's remote workforce*
- *how to motivate through company growth*
- *civic volunteering as teambuilding*
- *creating a remote first team*
- *encouraging personal and professional growth*

*Sam Gaudet, Director of Technical Account Management – Tanium*

## MTUG 2019 – Workshop Descriptions

### ... I.T. CAREER DEVELOPMENT Track (cont'd)...

#### **Collaboration Tools for Teams:**

**11:15am – York Room, 2<sup>nd</sup> Floor**

#### **Getting away from email for Coordinated Execution & Higher Performing Teams (Reduced Madness)**

##### **TECH SKILL LEVEL: Basic**

Workers today in all sectors need to manage information and communication across a variety of platforms.

Raija and Priscilla share their experience of using JIRA, Trello, Slack, and other collaboration tools in partnership with communication tools (email and messaging) and file sharing (Google Drive, dropbox, etc). They discuss the human element of using these tools, the changing nature of collaboration, and the importance of creating a culture for your team's best collaboration success.

Used smartly, collaboration and task management tools provide a new level of execution excellence for teams who want to reduce the madness and have a clear vision of their work – planned work, tasks, requirements, work in progress, priority, due date, and the end-to-end scale of the work at hand.

*Priscilla Hansen Mahoney, Owner – Blazing Trails Coaching  
Raija L. Suomela, Project Consultant, Operations – Lean East*

#### **Growing a Technical Workforce with Computer Science in Maine Schools: Where are We, and How Can We Do Better? An Interactive Workshop with the MTUG Audience.**

**2:15pm – York Room, 2<sup>nd</sup> Floor**

##### **TECH SKILL LEVEL: Basic**

Most of your colleagues and employees have experienced K-12 education in Maine schools – but what are students learning about computer science, and what should they be learning about it now? Maine computer science teachers will discuss what they teach, and we will engage you in a discussion on how you can become involved in the computer science education of Maine youth. Their future, indeed, our future, depends on it.

*Tom Keller, Founder/Director & Maine CSTA Board – STEM Education Strategies LLC  
Prema Long, High School Teacher – Wiscasset Middle/HS  
Heather Sinclair, Middle School Teacher – Wiscasset Middle/HS  
Rhonda Tate, STEM Specialist/Maine CSTA Officer – Maine Math and Science Alliance*

### I.T. MANAGEMENT Track

#### **IT Risk Frameworks: What they are, and how to use them for targeting IT threat mitigation actions**

**9:15am – Rhode Island Room, 1<sup>st</sup> Floor**

##### **TECH SKILL LEVEL: Intermediate**

Infragard Maine board members will provide an overview of several popular and well tested IT security frameworks. Frameworks, coupled with key technologies and processes support the build out and management of an effective and actionable IT security/risk management program. Presentation materials will include sample models and resources with additional emphasis on building strong partnerships between and within industry groups to ensure best practice alignment.

*Frank Appunn, PHD/ Infragard Maine President – Thomas College /Infragard  
Barb Armstrong, Sr. Director / Infragard Maine VP – MaineHealth / Infragard  
Patricia Bernier, CIO / Infragard Maine Treasurer – Bath Savings / Infragard  
Randy Breault, Information Security / Infragard Board Member – Idexx / Infragard  
Jockel Carter, Senior Cybersecurity Advisor / Infragard Maine Treasurer – Tyler Technologies / Infragard*

## MTUG 2019 – Workshop Descriptions

### ... I.T. MANAGEMENT Track (cont'd)...

#### **The Absolute Simplest Approach to IT Management**

11:15am – Rhode Island Room, 1<sup>st</sup> Floor

##### **TECH SKILL LEVEL: Intermediate**

Systems Engineering's Channing Arndt and Maine Machine Products' (MMP) Scott Bourget will discuss how and why they established an IT support partnership and then present a case study on the framework our firms leveraged to efficiently and effectively;

1. Evaluate requirements,
2. Develop solutions
3. Prioritize budget, and
4. Ultimately address MMP's ITAR compliance obligations.

*Channing Arndt, Business Development Manager – Systems Engineering*  
*Scott Bourget, CFO – Maine Machine Products*

### SECURITY Track

#### **Security is a Mission not an Intermission**

9:15am – Kennebec / Lincoln Room, 2<sup>nd</sup> Floor

##### **TECH SKILL LEVEL: Basic / Intermediate**

Turn off your mobile phone, put down your tablet and hear about real world data breaches (not just the big ones that make the 5 O'clock news) but also the APT's causing the greatest harm. How quickly could your organization be breached? How you could help? Please join our special guest, David Balcar a globally recognized security professional, as he will share with you real world experience in the world of cyber security and remember kids "Security never takes a holiday." (Oh feel free to tweet!) Be sure to check out some of the latest tools used to compromise networks.

*David Balcar, Security Strategist – Carbon Black*  
*Bill Bocash, IT Manager – Stonewall Kitchen*

#### **Building Automation into a Cybersecurity Program: Tales from the trenches**

11:15am – Kennebec / Lincoln Room, 2<sup>nd</sup> Fl.

##### **TECH SKILL LEVEL: Basic**

Come to this session to learn about the things you didn't know you didn't know about Cybersecurity and hacker attacks. During this session we'll outline who's attacking us, why they're attacking, and how you should be protecting yourself personally and professionally through automated training and governance. You will even learn how to search the Dark Web for your own Compromised data and have an opportunity to discuss the implication of what's found. New Hampshire business owners and IT managers will discuss building their own automated cybersecurity programs.

*Craig Taylor, Co-Founder and Chief Information Security Officer – CyberHoot.com*  
*Heather Ashton, Owner and CEO – Ashton & Company*  
*Brett Clark, Director of Global Network and Architecture – Single Digits*  
*Tim Hurman, IT Manager – Single Digits*

#### **Extending Network Security with PKI**

2:15pm – Kennebec / Lincoln Room, 2<sup>nd</sup> Fl.

##### **TECH SKILL LEVEL: Intermediate**

Building a strong enterprise PKI can provide your network significant network security opportunities. Mike and Andy will go through the building blocks of a strong PKI, using the PKI for wired and wireless authentication for end clients, and using PKI for VPN authentication securing the network data plane.

*Andy Richter, Senior Solutions Architect – Presidio*  
*Mike Agro, Network Architect – State of Maine*

## MTUG 2019 – Workshop Descriptions

### TECH MAVERICK Track

#### **Stop Trying to Make DevOps Happen, or It's Not Going to Happen!**

**9:15am – Cumberland Room, 2<sup>nd</sup> Floor**

**TECH SKILL LEVEL: Basic**

Instituting DevOps in your Software Development and IT environments can be fraught with peril and pitfalls, especially if the practitioners are consumed by prescribing rigid ideologies, processes, and technologies as solutions to non-existent or far-off problems.

In this presentation we offer a simple alternative: Look for actual problems and offer a willingness to be helpful in order to solve them.

*Benjamin Hamilton, Senior DevOps Engineer – BlueTarp Financial*  
*Breanna Veillette, Senior DevOps Engineer – IDEXX Laboratories*

#### **Think Before You Ink: Changing the printing culture on a college campus**

**11:15am – Cumberland Room, 2<sup>nd</sup> Floor**

**TECH SKILL LEVEL: Intermediate**

Swapping out a printer fleet for centralized printing is much more than just a technological change. More importantly, it's a cultural change. Try telling a user that their printer is being removed from their desktop and wait for the reaction. Better have your running shoes on.

Saint Joseph's College of Maine did just that. Not only did we remove (#)printers and replace them with strategically located high volume printer/copiers, but we fundamentally changed the way all users print. Students, faculty, and staff can now print anywhere on campus from any device using a college ID to log into any printer.

*Kareem Myrick, Manager of IT Support Services 2 – Saint Joseph's College of Maine*  
*John Murray, Network Administrator – Saint Joseph's College of Maine*  
*Kimberly Post, Director of Community Based Learning, Faculty – Saint Joseph's College of Maine*  
*Kevin Murphy, IT Project Manager – Saint Joseph's College of Maine*

#### **Learn About Blockchain and Quantum Computing**

**2:15pm – Cumberland Room, 2<sup>nd</sup> Floor**

**TECH SKILL LEVEL: Basic**

Want to learn about some up and coming technologies? Come learn how blockchain works and how it is being and going to be used in the next years. Then we will shift gears and get into the impossible world of Quantum Computing where bits are more than ones and zeroes and data can be instantly teleported across the universe.

*Rich Casselberry, Security Architect – Liberty Mutual*