TechExpo 2018
April, Friday the 13th—Conquer Your Fears

	Ambassador Gallery, Presidents Gallery	Presidents I	Presidents II	Presidents III/IV	Ambassador Duke	Forest	Study Room	Ambassador Allen	Matlock
7:00 – 8 AM	Vendor Check-in and Set-up								
8:00 – 9 AM	Registration, Breakfast, Prize Wheel, Poster Displays								
9:00 – 9:45 AM	Registration, Poster Displays, Vendor Displays	Data Engineering Approach for Regulatory Document Creation Chris Makoff – DCI IT	You've Heard of Ada Lovelace, But Do You Know Who Barbara Liskov Was? Diversify IT: Bryn Smith, Jason Gorden OIT – Enterprise Systems & SSRI	Vulnerability Management and Threat Assessment Kendall Lewis, Tom Maniaci DHTS – ITSO	Non-Person Accounts; the Power to do IT yourself Angie Jones, Doug Hass – OIT-IDM	How NOT to Make a Fool of Yourself Using WebEx Alpha Esser – TDS-DCRI	Vendor: Microsoft	Vendor: ePlus	Duke Posters
10:00 – 10:45 AM	Registration, Poster Displays, Vendor Displays	Build an App Katie McMillian, Marissa Stroo – DHTS - Mobile App Gateway | Security Careers	Breaking In & Career Shifting Shelly Epps, Phillip Batton ISO/ITSO	Perfect Strangers: a Drupal 7/8 Story Will McCreery, Kyle Skrinak Duke Web services, Trinity Technology Services	Who's Afraid of the Big …Fix? John Straffin – ITSO	Have No Fear, and Get Some REST with SharePoint. Chrystal Benson – Web Services DHTS	Vendor: Cisco	Vendor: Palo Alto Networks	Duke Posters
11:00 – 11:45 AM	Registration, Poster Displays, Vendor Displays	The Internet of Things, the Present/Future and What You Need to Know Rosemary Herhold, Niko Bailey, Michael Hancock – DHTS, OIT	It's About the User, Stupid Billy Willis, Walter Kwiatek – DHTS,DCRI		No Fear with the Docker; Duke Event Calendar Dockerization Harry Thakkar, Richard Outten OIT – Enterprise Systems & Support	What Can You Do with Splunk? Well, What Do You WANT to Do with Splunk? Bryn Smith – OIT-Systems	Vendor: Intel	Clue: The Case of the Missing Message Steven Gray, Debbie Suggs – OIT Collaborative Services	Duke Posters
12:00 PM – 12:30 PM 12:30–2 PM	Lunch and Keynote	**Lunch** Pickup lunch at the four buffets throughout the conference center. Two on the President's Terrace, one near the Rotunda room, and one along Ambassador's Hallway **Keynote Address** Please warmly welcome **Eddy Cue** – Senior Vice President, Internet Software and Services, Apple							
2:00 – 2:45 PM	Meet & Greet	**IT Leadership Mingle & Dessert**							
3:00 – 3:45 PM	Prize Wheel, Vendor Displays	Using Social Media in the Dark: How to Make Your Social Media for the Visually Impaired Joel Crawford-Smith – Academic Services	The State of Security: 2018 Richard Biever, Chuck Kesler – OIT-ITSO, DHTS-ISO		DevOps Revolution Filipe Polo-Wood – DHTS-DevOps	Intro to Connected Hardware Maria Liberovsky – Innovation Co-Lab	Vendor: Steelcase	Video in the Workplace Mich Donovan, Devon Henry – OIT	The Shadow Knows: Better Outcome for Everyone Through Workplace Shadowing Matt Royal OIT – Collaborative Services
4:00 – 4:45 PM	Vendor Displays	Getting Shib Done: A Comprehensive(ish) Guide Danai Adkisson & Fernando Osorto – OIT-IDM	The Future of Passwords at Duke Nick Tripp, Rob Carter – OIT-ITSO, OIT-IDM		Are You Afraid of Your Own Code? Chris Collins - OIT		Vendor: Netapp	Take the Fear Out of Complex Projects Reinhard Kampf; Ana Quin; Andrew Miles; Keith Kasberg; Marc Green; Tricia Mercaldo	Don't Fear the User Lauren Hirsh, Jacob Geib-Rosch – Duke Web Services, Fuqua

Legend: Presentation or panel Plenary event Vendor presentation

Fear not... There's more! Posters and tables are in Matlock; 8 AM-2:00 PM Biddle; 8:00 AM - 4:45 PM

- **Agile Analytics to Enhance Patient Experiences at the Duke Eye Center:** The Duke Eye Center main campus routinely sees 500 complex patients per day. Clinical workflows around staffing and imaging equipment are critical in affecting patient wait times, and therefore influencing patient satisfaction. The eye center project team developed and delivered a tableau dashboard that allows for prompt but thorough analysis of visit types, technician work-up time, and patient cycle time (time of arrival to time of discharge, which includes various waiting events). Come learn how the ophthalmology patient flow optimization dashboard provides Duke Eye Center clinicians with the information needed to make decisions that will decrease cycle time at the main campus and increase patient, provider, and staff satisfaction.

- **Alexa Stress Assist: a system to reduce the incidence and severity of post-traumatic stress episodes in military service members with traumatic brain injury:** Military service members with traumatic brain injury (TBI) and post-traumatic stress disorder (PTSD) are taught strategies to reduce the effects of post-traumatic stress (PTS). While there are treatments and interventions for people with TBI and PTSD, there are gaps in care associated with logistical barriers, mental health stigma, and missed or partial diagnosis. To help fill these gaps and facilitate care outside of the clinic, the Alexa Stress Assist (ASA) project was created. ASA connects the Amazon Echo and smart home technologies to allow the user to invoke an Alexa skill to trigger a customizable suite of environmental changes, familial notification, and other grounding strategies to reduce PTS. The development team will discuss project details, basic use of Amazon Web Services, , integration of smart home technology with custom Alexa skills, and tips / tricks learned along the way

- **Research Matrix Fear? Endnote to the Rescue!** School of Nursing PhD and Doctor of Nursing Practice students accumulate articles for their final projects over several years. This poster shows how EndNote was used to create research matrix to efficiently manage and evaluate journal articles, while relieving student anxiety over how best to keep organized

- **Can Gigabit Ethernet be transformed into a 10g network?** In this presentation, Tomasz describes a network topology that is implemented in our 150-node data center. Linux kernel module provides support at the OS level, LACP (Link Aggregation Control Protocol). This classical setup is to use switches supporting port and trunking but such a solution improves only throughput in "one to many" transmissions, while peer to peer (P2P) speeds are still at one gigabit level.

- **Create your own mobile tours:** For the past two years OIT has been piloting a mobile app called MyTours for easily creating walking and bicycle tours. These tours feature multimedia-rich geo-located stops so users can navigate from point to point. These tours can be published in the iTunes and Google Play stores for easy access by anyone around the globe on iOS and Android devices. So far, members of the Duke community in partnership with local schools have created exciting tours such as one that features historically significant locations in Durham, others that showcase local art and landmarks and make them accessible to visually impaired users, and a bilingual walking tour of Montreal created by students in the Duke in Montreal French immersion program. With our recently completed Shibb integration we are ready to open up the use of MyTours more widely throughout the Duke Community.

- **Camera Shy? Facing Your Fears and Integrating Video for Engaging Distance Education:** Psychiatry and Behavioral Science developed several self-paced, asynchronous, distance education courses for clinical skill development on measurement-based care. Working with Articulate Storyline 360 and a learning management system, we set out to incorporate videos and other engaging media for users to understand and interact with the content. We got off the ground with Duke Media Services to record a series of high-quality videos that capture complex scenarios which we've embedded in our lessons. To hone our skills, we attended the video workshop during nextEDFest and checked out equipment from Duke Link to record and edit our own ad-hoc videos. The result has been a series of modules and lessons that teach core clinical concepts to our audience.

- **Supporting Open Access for Research (SOAR) – a data sharing program:** The Duke Clinical Research Institute (DCRI) has launched a data sharing program to improve transparency in clinical research—Supporting Open Access for Research (SOAR). Primary purpose of the SOAR program is to facilitate open sharing of clinical research data with responsible researchers to promote open science and allow investigators to verify reported results as well as pursue interesting secondary uses of existing data. This increased transparency will inform science and improve patient care.

- **OIT Service Desk:** We would like everyone attending the Tech Fair to come by our table and meet the team. We will be sharing the service desk 2017 metric data, and allowing attendees to come by and ask questions. We will also be handing out flyers with contact info and tech tips.

- **Continuous Customer Integration:** The Office of Research Informatics Vended Solutions Team (ORI-VST) supports a portfolio of six research applications from discovery through retirement. Clinical and basic science researchers throughout Duke University and Duke Health rely on the ORI-VST for research workflow guidance, implementation assistance and technical support. Analysts on the ORI-VST blend the agile software development lifecycle and project management phases to create their own customer centric workflows. The ORI-VST Analysts use a variety of communication, document sharing and collaboration tools to optimize their workflow, sustain their customer focus and deliver valuable solutions to more than 2000 researchers in the Duke community. This presentation explains how the ORI-VST integrates customer engagement throughout their work processes to deliver value-added vended research application solutions.

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We want your photos! Email them to techexpopix@duke.edu