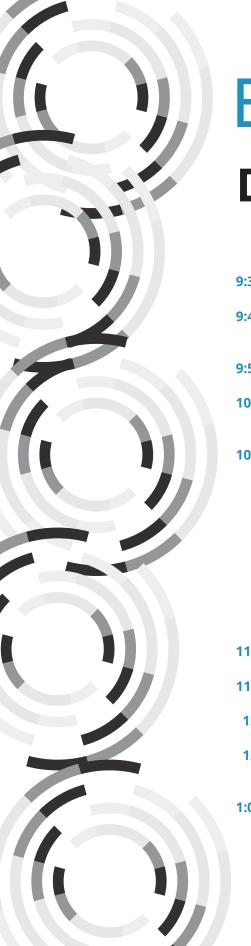




AGENDA





DAY 1

TRACKS:

Forces Shaping the Future of Science and Discovery

Tricks of the Trade: Emerging Practices, Methods, Tools, and Technology

Security, Privacy, and Ethics

Emerging Trends and Innovation

Retooling Enterprise Technology for Business Continuity

Collaboration and Partnerships Across the Enterprise

	·
9:30 AM	LOBBY / THANK YOU SPONSORSCONFERENCE LOBBY
9:45 AM	PRESIDENT'S WELCOME
9:55 AM	EXHIBIT HALL/CHAT LOUNGEEXHIBIT HALL
10:25 AM	PLENARY WELCOME
10:30 AM	PLENARY
11:45 AM	ANNOUNCEMENTSROOM 1
11:50 AM	EXHIBIT HALL/CHAT LOUNGEROOM 1
12:00 PM	CIO AFFINITY GROUP - INVITATION ONLY
12:55 AM	CXO WELCOME
1:00 PM	CXO EXCHANGE - INVITATION ONLY
	The College Scorecard is delivering new details on costs and benefits of college credentials, and allowing colleges to size themselves up against competitors. How will you use the data to differentiate your college, to identify your core competencies, and to make decisions about future spending priorities?
1:00 PM	BREAKOUT SESSIONS Driving Research, Education, and Innovation Through Advanced Cyberinfrastructure

Jack Brassil, Ph.D., Director for Advanced Cyberinfrastructure at Princeton

Computing at Rutgers University

James (Barr) von Oehsen, Ph.D., Vice President for Office of Advanced Research

Forough Ghahramani, Ed.D., Associate Vice President for Research, Innovation, and Sponsored Programs at Edge

This session will explore how New Jersey institutions are supporting education and research through advanced cyberinfrastructure and cloud computing, impacting workforce and economic development, and helping to drive innovation and discovery. The significance of a top-tier state-wide network providing connectivity to the national and global research infrastructure, and the role of collaborations facilitated by organizations such as the Eastern Regional Network (ERN) for enabling resource sharing to advance research and education will be discussed.

Learning Objectives:

- Review of recent New Jersey-based cyberinfrastructure projects funded by the National Science Foundation
- Significance of closing the gap between IT organizations and academic units for advancing research and education
- The important role of networks and collaborations in research and discovery
- The role of EdgeDiscovery in facilitating collaborations and helping New Jersey create a top-tier statewide network

Patricia Kahn, Ph.D., CIO and AVP for Information Technology Services, College of Staten Island

Most institutions of higher learning are providing IT services, training, and distance education remotely. At CSI, what makes us stand out is our all-in-one approach! We were able to take our creativity and out-of-the-box thinking to keep the campus functioning, while staying within severe budget constraints. Consider us a multi-functional tool with all the attachments that you cannot live without! Attend this presentation and learn about our approach to offering IT services in order to accommodate faculty, staff, and students - some of which include VPN access, remote desktop support, virtual labs, virtual training, and much more.

Learning Objectives:

- Acquire best practices that provide affordable ways to adapt to a changing world in which physical computers can be repurposed for virtual solutions.
- Provide innovative solutions in support of servicing the campus community remotely
- Provide out of the box thinking to service the campus community.

Brian Sieteski, Sales Engineer, Aruba Networks Michael McGuire, Network Systems Administrator, Monmouth University

dichael McGuire, Network Systems Administrator, Monmouth University

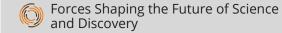
As companies grapple with business recovery, IT faces challenges like how to accelerate cloud and as-a-Service adoption, how to deliver secure connectivity in a hyper-distributed environment, and how to enable workplace safety measures like contact tracing and heat mapping. Turn-key Technologies and Aruba Networks would like to present Aruba ESP: A "Sixth Sense" for your network. Additionally we would like to have our customer, Monmouth University, speak about his current Aruba deployment to share best practices.

Learning Objectives:

- Understanding how to provide secure remote access to remote employees
- Enable workplace safety measures: Contact Tracing and Heat Mapping
- Automate, Secure, and Unify your network environment Aruba Networks best practices







Tricks of the Trade: Emerging Practices, Methods, Tools, and Technology

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Jim Samuel, Associate Professor, Director, Analytics, IS & Applied Al, School of Business, University of Charleston

Myles Garvey, Assistant Teaching Professor, D'Amore-McKim School of Business, Northeastern University

This session will provide perspectives on the critical components of human intelligence and artificial intelligence interaction. It will provide an overview and an abstraction of current scientific progress in human intelligence and artificial intelligence interaction.

The arguments presented will critically and uniquely address the absence of philosophical foundations, and the consequences of the same. The session will conclude with a call for unified-concepts research founded upon sound philosophizing, and developed through relevant scientific processes. Learning Objectives:

- Insights into human intelligence
- Insights into artificial Intelligence, contextualized to human intelligence
- Human intelligence and artificial intelligence interaction1:00 PM

(a) Is Your Organization Ready for Change?Room 6

Te Wu, CEO, PMO Advisory, LLC, Assistant Professor, Management, School of Business, Montclair State University

As organizations tackle "mega projects" such as implementing enterprise resource planning (ERP), replacing antiquated learning management systems (LMS), or upgrading other major systems and infrastructure, preparing the organization for change and complexity have paramount importance. Experience project managers intuitively understand that the success of the project is often not just the system and process but also adoption – the willingness and preferably the eagerness of the people to embrace change. To evaluate the extent of organizational change and the need for disciplined adoption programs, a best practice is to conduct an Organizational Change Complexity Assessment early. This workshop is hands-on and centers around utilizing a simple tool to evaluate the extent of change of a Learning Management System Replacement at a medium-large university in New Jersey. Participants are encouraged to relate this exercise with their own change project.

Learning Objectives:

- Explain the importance of organizational change management and its complexity
- Review an Organization Change Complexity Assessment Tool
- Apply the tool to a practical example replacement of a Learning Management System at a medium-large university



Navigating Work From Home Through Enterprise Communications PlatformRoom 8

Kirk Rooney, Senior Solutions Consultant, CBTS

Chris Howes, Ed.D., Chief Information Officer, Office of Information Technology, Morehead State University

What is the best way to deliver a secure, enterprise-quality Work-From-Home experience for your employees? Hear how Education, Government and Healthcare have leveraged Hosted Enterprise Unified Communications to provide continuity in their employees day-to-day responsibilities. Elevate your employees work from home capabilities utilizing the full collaboration portfolio. Learn how to leverage and maximize the existing investments of your current applications such as Zoom, Microsoft Teams, Webex Teams, and Webex Meetings by integrating them into a Hosted Cloud Communications solution. Learning Objectives:

- Gain a better understanding of the flexibility that results in the adoption of Hosted Enterprise Communications.
- Learn how to elevate employees' work from home experience using the full collaboration portfolio.
- Understand how to maximize existing applications by integrating them into the Hosted Cloud Communications offering.



First Generation Students - Scaffolding for First-Generation Student Success

......Room 6

Lisa Andion, Ed.D.

Organizational Leadership of Higher Education from Northeastern University, Sr. Solutions Engineer, Blackboard

Scott Caplan, Account Executive, Blackboard

First-generation students struggle to succeed in college. Research shows that this group of students face a variety of challenges that contribute to their college attrition. Yet, research also shows that this group of students could benefit from scaffolding strategies rooted in social learning and constructivist learning theories. Educational technology tools that are available for faculty to use in their face-to-face, hybrid, and online courses can serve as a vehicle to support the success of first-generation students by implementing scaffolding practices into their use of computer supported collaborative practices. Faculty can expect to receive specific examples of how to implement strategies for different educational technology tools that address managing group work, giving students opportunities to practice and process new concepts, incorporating reflective exercises, leveraging constructivist learning practices in dynamic virtual spaces, and accommodating diverse student needs from an inclusive and accessible perspective. At this session we will go through and map the scaffolding suggestions back to the course tools, virtual conferencing, Ally Accessibility tool, Discussions, Journals, Class Conversations, Quizzes, Assignments, Learning Modules etc.

Learning Objectives:

- Understanding the challenges that First Generation students are facing
- Understanding how the LMS EdTech tools can be leveraged to best interact with First Generation Students
- Understanding how to use scaffolding practices in your online course to support First-Generation student success

2:00 PM GENERAL SESSION ROUNDTABLE AND PANEL DISCUSSION:
EDGE LEADERSHIP FROM VISION TO VALUE ROUNDTABLE.....ROOM 1

2:50 PM ANNOUNCEMENTS.....ROOM 1

3:00 PM EXHIBIT HALL/CHAT LOUNGE EXHIBIT HALL



4 | Edg Con Agenda

From Vision To Value |



Forces Shaping the Future of Science and Discovery

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Retooling Enterprise Technology for Business Continuity

Collaboration and Partnerships Across the Enterprise

3:15 PM

BREAKOUT SESSIONS

Visibility, Insight, Action - How to make your job easier and your life better

.....Room 2

Shannon Hayes, AppDynamics SLED Specialist, AppDynamics **Brian Schoudel,** Sr Director of Application Administration, University of Illinois

There has been significant change in the way education institutions are leveraging their applications to interact with students and staff. This session will discuss how the University of Illinois leveraged AppDynamics with their Learning Management System and other mission critical applications.

<u>Learning Objectives:</u>

- How application monitoring solutions can:
 - 1. Provide full stack observability of an end-user's experience
 - 2. Reduce MTTR/MTTI by pinpointing root-cause of application slowdown or outage
 - 3. Dynamically baseline application performance and proactively alert anomaly detection



Federated Identity, InCommon, and Enabling Federated Access to Research
Services......Room

Ann West, AVP for Trust & Identity at Internet2 and Executive Director of the InCommon Federation

Jim Basney, Senior Research Scientist, National Center for Supercomputer Applications

Tom Barton, Senior Consultant for Cybersecurity & Data Privacy, UChicago & Internet?

The panel will review the concepts of federated identities, authentication, and the role attributes play in managing access to services. They'll further describe how the InCommon Federation and eduGAIN enable academic collaboration across local, regional, national, and international scales, discuss technical alternatives for participation in InCommon, and delve a bit into how research communities and research cyber infrastructures manage federated access to their services.

Learning Objectives:

- Understanding of the concepts of federated identities, authentication, and the role attributes play in managing access to services.
- How InCommon Federation and eduGAIN enable academic collaboration across local, regional, national, and international scales, and technical alternatives for participation in InCommon
- How research communities and research cyber infrastructures manage federated access to their services

3:15 PM

BREAKOUT SESSIONS (CONT.)



Student Device Preferences for Online Course Access and Multimedia Learning
Room 5

Mary Ellen Dello Stritto, Ph.D., Assistant Director of Research, Oregon State University Ecampus Research Unit

This study originated from our multimedia development team at Oregon State University Ecampus. One of our developers was interested in exploring what devices students are using to engage with their online classes and what drives their choices. This research interest stemmed from a broader organizational question of how much time and resources to devote to the development of online materials for the mobile environment. Thus, a focal point for this research study was the question: Are students who take our online courses using their mobile devices to access their online courses and multimedia course materials?

Learning Objectives:

• The goal of this study was to gather information from students taking online courses at Oregon State University to determine their preferred devices to view and interact with multimedia for the purpose of their education. In particular, we were interested in exploring why students are using a particular device to engage in online learning and if that device is actually their preferred and/or ideal device.



Michael Rotundo, Instructional Designer, Molloy College, Rockville Centre, NY

How are educational institutions supposed to preserve the value of online degrees and the integrity of online assessments during a global pandemic? Over 1,000 higher-ed, K-12, corporate, and federal institutions have trusted Proctorio's Learning Integrity Platform to provide secure and scalable Identity Verification, Automated and Live Proctoring, and Plagiarism Detection. Proctorio is a an Edge partner and industry leader that maintains a 99.991% uptime, leverages Zero-Knowledge encryption, and never collects biometric information from end users. Proctorio seamlessly integrates with most major Learning Management Systems via LTI in just 5-10 minutes, has the lowest system requirements in the industry (supporting devices up to 10 years old!), provides instant exam results, and offers 24/7/365 support. To date, Proctorio has proctored over 26 million exams to serve test takers in all but four countries around the world, 17 million of which were proctored in 2020. Join Connor Koper, Head of North American Sales at Proctorio, to not only learn about Proctorio's customizable settings and exclusive Edge pricing, but to hear directly from ed-tech leaders at two of Proctorio's partner institutions: Molloy College in New York and Wilson College in Pennsylvania.

Learning Objectives:

- Why remote proctoring is a trustworthy, reliable, and secure option for educational institutions to consider using during the COVID-19 crisis.
- The details of the Edge / Proctorio partnership that offers exclusive pricing and benefits to all Edge Members.
- How educational institutions are using Proctorio to protect the value of online degrees and the integrity of online assessments.



Moving from Manual to Automated Identity Lifecycle Management ... Room 6

Bob McEwan, Sales Director, Fischer Identity LLC

Ed Evans, Senior Assoc Vice President for Information Technology & Chief

Ed Evans, Senior Assoc Vice President for Information Technology & Chief Information Officer, Texas A&M University - Corpus Christi

Ed Evans, Senior Associate Vice President for Information Technology & Chief Information Officer; Texas A&M University-Corpus Christi, and Bob McEwan, Sales Director, Fischer Identity, will have a "fireside chat" discussing the Identity







DAY 1

TRACKS:



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Security, Privacy, and Ethics



Emerging Trends and Innovation



Retooling Enterprise Technology for Business Continuity



Collaboration and Partnerships Across the Enterprise

Management challenges the school faced and their journey to success, turning their obstacles into opportunities.

Learning Objectives:

- The importance of having a strategic Plan for their Identity initiatives
- Turning challenges into opportunities
- The value of having a flexible, future proof solution



Transformation of Freshmen Registration and Section Planning....... Room 7 Bharathwaj Vijayakumar, Associate Director of Data Analytics, Rowan University **Samyukta Alapati**, Senior Data Analyst, Rowan University

To keep students on-track to graduate, Rowan University places incoming freshmen into the appropriate section of the required courses for their major. However, manually evaluating and registering students became more and more time consuming as Rowan's student population grew. Rowan's Data Analytics team worked in collaboration with the University Advising, Testing Services, and Development & Innovation teams to create an automated system to quickly and accurately evaluate and place all 2,700 incoming freshmen. The solution, known as the FIGS process, saved the university more than 200 hours of staff time. The entire process of assigning students to placement exams and course sections now happens automatically, and the Registrar Office receives a clean, organized dashboard to work from when registering students. The next stage in the process will take it one step further and automatically register students in Banner. This will save approximately 300 additional hours of staff time. Learning Objectives:

- How to extract information on a day-to-day manual process from the minds of the users and convert them into an automated process?
- How can the freshmen registration process be automated from start to end?
- And what are the different tools that can be used for that How various departments across the university can work together and build a solution that can improve the student experience?



EdgeMarket: Working Together, Working For You......Room 8

Dan Miller, Director, EdgeMarket, Edge

Edge is your partner for technology and services procurement. EdgeMarket was created by Edge to streamline access to leading technologies and key services through easy purchasing at very favorable pricing and terms. Discover how EdgeMarket works, what is currently available and what is upcoming. Learn how you can easily collaborate with us to help identify and acquire the most impactful technical solutions and professional services to meet the ever-growing and changing demands and opportunities facing us all.

Learning Objectives:

- What EdgeMarket is and how it works
- Introduction to the EdgeMarket Portal
- How to become involved in EdgeMarket procurements





DAY 2

TRACKS:

- Forces Shaping the Future of Science and Discovery
- Tricks of the Trade: Emerging Practices, Methods, Tools, and Technology
- Security, Privacy, and Ethics
- Emerging Trends and Innovation
- Retooling Enterprise Technology for Business Continuity **Business Continuity**
- Collaboration and Partnerships Across

		the Enterprise	·
9:30 AM	LOBBY	CONFERENC	E LOBBY
9:30 AM	THANK YOU SPONSORS		
9:45 AM	WELCOME		ROOM 1
9:50 AM	EXHIBIT HALL/CHAT LOUNGE	EXHI	BIT HALL
10:15 AM		erences To Maximize Organization enter for Generational Kinetics	
	speaker and researcher. Jason's pa leaders through his acclaimed key discoveries. Jason delivers specific	after Gen Z, Millennial, and generat assion is solving generational chall note presentations and unique res c, practical solutions grounded in o nd drive measurable results. He's fo	enges for search riginal
	Today Show, CNN, CNBC, and The guru" and The New York Times feat Millennials. Jason is known for disc	TV shows, including 60 Minutes, 20 Early Show. Adweek calls Jason a "atured him in its cover story on ma covering Millennials are breaking in Me-llennials. He's also known for his nember it the way it was before."	research rketing to nto two
11:45 AM	ANNOUNCEMENTS		ROOM 1
11:50 AM	EXHIBIT HALL/CHAT LOUNGE	EXHI	BIT HALL
12:00 PM	CIO FORUM - INVITATION ONLY	γ	ROOM 12
1:00 PM	BREAKOUT SESSIONS Covid in a Full-Fibre Island		Room 2
	Tony Moretta, CEO, Digital Jersey		
	full-fibre network to the premise f now boasting the world's third fas	w Jersey Channel Islands have delived for every home and business on the stest internet speeds. The island expected divide and network neutralists.	e island - perience of

managing lockdown, bridging the digital divide and network neutrality. Lastly, how the island plans to go from a 1gig to 10 gig to each premise. **Learning Objectives:**

- International example of delivering a full-fibre network
- How the network is being used
- Solutions for a digital divide

Edge Network Roadmap Update......Room 10 Jim Stankiewicz, Associate Vice President and Principal Network Architect, Edge Come and join Jim Stankiewicz, Associate Vice President and Edge's Principal

Network Architect for a detailed discussion about the Edge network and, specifically, enhancements to the network and services offerings that have occurred over the past year. Jim will also speak to our roadmap for the future of our network based upon the feedback we receive from our connected members and his engagement with colleague networking organizations and networking leaders throughout the industry.



Mapping a Journey from Vision to Value......Room 3

Te Wu, CEO, PMO Advisory, LLC, Assistant Professor, Management, School of Business, Montclair State University

One of the hallmarks of successful organizations is their ability to transform their vision into concrete value, consistently and repeatedly. But perhaps just as important as the end goals or value achievements, the journey itself is invaluable to strengthen its people, processes, and the mechanism for this transformation. The presentation presents a proven roadmap for journey starting with ideation; managing through the fuzziness of developing and refining requirements and business cases; prioritizing competing ideas, interests, and resources; preparing for implementation and utilizing sound approaches; leading execution; transitioning from building to sustaining; and sharing and exploiting value. **Learning Objectives:**

- Outline a journey roadmap of how organizations can achieve ideas and deliver value
- Explain the required processes, disciplines, challenges, complexities, and requirements to effectively undertake this journey
- Encourage participants to create their own journey map for their team and



Psychology Behind Your Security Awareness Program...... Room 4 Nick Santora, CEO, Curricula **Kendra Cooley,** Sr. Information Security Manager at Webflow

Lots of organizations have a security awareness program, but are they looking at the emotional intelligence behind their design? We will examine the elements of your awareness program and how certain actions positively or negatively impact your employees and the security of your organization. You might be surprised what your phishing tests may be doing for long term behavior change. We will also look at case studies designed to drive engagement, and what you are potentially doing to adversely affect the security culture inside your organization. **Learning Objectives:**

- Demonstrate the psychology behind what makes employees trigger in their
- Explain the common mistakes organizations make in their awareness program, phishing tests, and other activities and learn how to fix them
- Exercise case studies to understand the critical drivers behind motivation in your security awareness program



Transforming the College Classroom Using Tech ToolsRoom 5 Tamara Tallman, Ed.D., Assistant Professor, New Jersey City University

With the advent of distance learning, it has become increasingly more important for online classrooms not to be simply lecture based. This session will discuss how to use the Universal Design for Learning and a myriad of tech tools to design a community of learners and get away from the lecture-based format. **Learning Objectives:**

- Choose and use tech tools for higher learning
- Familiarize themselves with UDL and SAMR when choosing tech tools for higher learning
- Using the four C's and transformative technology to enhance their classroom's tech tools





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1:00 PM

BREAKOUT SESSIONS (CONT.)

Data science aims to solve grand global challenges such as: detecting and preventing disease in human populations; revealing community structure in large social networks; protecting our elections from cyber-threats, and improving the resilience of the electric power grid. Unlike traditional applications in computational science and engineering, solving these social problems at scale often raises new challenges because of the sparsity and lack of locality in the data, the need for research on scalable algorithms and architectures, and development of frameworks for solving these real-world problems on high performance computers, and for improved models that capture the noise and bias inherent in the torrential data streams. In this talk, Bader will discuss the opportunities and challenges in massive data science for applications in social sciences, physical sciences, and engineering.

Learning Objectives:

- Attendees will be able to describe challenges in big data analytics
- Attendees will be able to discuss graph data science.
- Attendees will be able to describe the confluence of high performance computing and data science



Better Together: K-12 and Community College CollaborationRoom 7 Shelley Kurland, Dean, Virtual Campus, County College of Morris **Peter Turnamian,** Superintendent, Rockaway Township School District

COVID-19 sent the education world into a complete tailspin in March 2020. The pivot from traditional in-person teaching to emergency remote teaching was especially challenging for the K-12 sector as most of the school districts in New Jersey have had limited experience in the virtual environment. We will discuss the collaboration between K-8, high school regional school districts, and community college with the pivot to teaching and learning in a virtual environment.

Learning Objectives:

- Discuss reasons to reach out to organizations and/or institutions to begin collaborations and/or partnerships
- Develop a list of potential collaborations and/or partnerships
- Consider the lessons learned and develop plans for emergency teaching and learning situations



Over the past 12 months, higher education institutions have needed to pivot quickly with closed campuses, new learning environments, and significant unknowns. In disruptive times, agility is everything. As a result, enabling robust scenario analysis, sensitivity testing, and contingency planning is paramount. Learn how cloud based technologies like Workday Adaptive Planning enable

institutions to drive better decisions and best prepare for uncertainty. <u>Learning Objectives:</u>

- Learn how institutions can plan, model, budget and forecast faster
- How are institutions increasing data transparency to improve the decisionmaking process
- How can an institution utilize scenario planning to be better prepared for the unknown

1:00 PM

BREAKOUT SESSIONS (CONT.)



The challenges surrounding higher education in the current circumstances seem daunting, requiring increased collaboration and partnerships amongst the entire educational system. Colleges and universities that successfully mitigate the connection between college and career and make degree paths less complex, while ensuring their students graduate with the skills and knowledge needed to thrive, will be most successful.

Learning Objectives:

 This session will share pioneering educational methods and offer valuable insights on how to execute the promise of innovation and transformation in education through the assistance of technology.

1:30 PM

EXHIBIT HALL/CHAT LOUNGE EXHIBIT HALL

2:10PM

PLENARYROOM 1 Predictive Analytics using Amazon Web Services

Sanjay Padhi, Ph.D., Head of AWS Research, US Education

Predictive analytics is a set of techniques that are fundamental to large organizations like Amazon. Methods such as Machine Learning are used in many aspects of life, including healthcare, education, and financial modeling. This talk will provide a range of studies using predictive analytics including a detailed overview of methods such as Machine Learning (ML) and Deep Learning using AWS. Fully managed Artificial Intelligence services to help researchers build, train and deploy ML models in various domains including Computer Vision and Natural Language Processing will also be outlined. Supervised, unsupervised and reinforcement learning based frameworks and their implications in the fields of scientific computing, medical imaging, cancer detection, diabetic retinopathy, and voice-enabled solutions to improve management of chronic diseases will be discussed. Advancements in Quantum Computing technologies fostering innovations will also be highlighted. The AWS Research Initiatives with funding agencies such as the National Science Foundation and National Institutes of Health in scientific and biomedical sectors, as well as the AWS research credit program will be outlined.

3:25 PM

3:50 PM

ANNOUNCEMENTS.....

BREAKOUT SESSIONS



Join an engaging discussion on the importance of allies, networking and the role men and women can play in helping to support their colleagues and push for equality and inclusion in the tech industry.

Dana Brunson, Executive Director, Research Engagement, Internet2 **Forough Ghahramani**, Associate Vice President for Research, Innovation, and Sponsored Programs, Edge



..ROOM 1



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Julie Ma, Program Manager, Northeast Cyberteam Initiative, Program Manager, CAREERS Cyberteam, Campus Champions Leadership Team, Massachusetts Green High Performance Computing Center (MGHPCC), Harvard University Andrew Sherman, Senior Research Scientist and the Director of Arts & Sciences Computational Research Support, Yale Center for Research Computing

This session will provide information about research support resources and communities available at the local, regional, and national level, bridging researchers with the resources and collaborations. Topics will include national Cyberinfrastructure (CI) resources, such as XSEDE and Open Science Grid (OSG), Campus Research Computing Consortium (CaRCC), the Campus Champions network, regional communities and resources including the Eastern Regional Network's (ERN) Broadening the Reach initiatives supporting less-resourced institutions, the NSF sponsored Cyberteams projects for advancing research and education in Eastern Regional Schools, and EdgeDiscovery enabling research and Innovation. As researchers become more reliant on the use of big data and sophisticated computing techniques such as artificial intelligence and machine learning, the demand for experts who can wield these tools effectively has grown considerably, the NSF CAREERS Cyberteam project strengthens the research computing career pipeline, increases the availability of research computing experts who can collaborate with researchers, and provide this support to underserved institutions. Northeast Cyberteam is addressing the challenges faced by smaller, mid-sized and under-resourced campuses by building a pool of research computing facilitators that can be shared across institutional boundaries. The regional networks have a significant role, such as Edge through EdgeDiscovery, in serving as facilitator and user support for the smaller institutions in advancing research and discovery.

Learning Objectives:

- Raise awareness of research support resources and communities available at the local, regional, and national level, bridging researchers with the resources and collaborations.
- Investments made by the National Science Foundation (NSF) in making Advanced Cyberinfrastructure resources available in support of Research and Innovation.
- EdgeDiscovery initiatives and its collaborative network for advancing research and discovery.



Modernizing IAM, IDaaSRoom 3

Christopher Robley, Director of Systems, Fairleigh Dickinson University Chris Bland, Systems Manager, Fairleigh Dickinson University

This session will cover modernization of SSO/ Identity IAM. We will discuss the flexibility associated with integrations with SaaS solutions, DR strategy (cloud IAM) and Lifecycle Management, cost savings including licenses/resources/ security. Additional topics for discussion will include enhanced administrative management with enterprise and overall better user experience.

Learning Objectives:

- Modernization IAM IDaaS
- Enhanced User Experience
- Increased Security



Designing Student Success with Institutional Effectiveness and Business Intelligence Room 4 Rob Stirton, VP for Institutional Effectiveness and CIO, County College of Morris

Learn the components and processes of building a comprehensive Institutional Effectiveness office; one that drives critical student measures and demonstrates mission achievement.

Learning Objectives:

- You will know the core components of an IE office
- You will know the differences between Institutional Research and Institutional Effectiveness
- You will know how to document your activities associated with student success

EdgeLearn - Where Technology and Instruction Grow TogetherRoom 5
Joshua Gaul, Executive Director, EdgeLearn, Edge

EdgeLearn is a solution-focused, strategic arm of Edge focused on supporting member institutions in the areas of instructional design and technology. The pandemic has resulted in countless stories of institutions not prepared to teach more than an LMS and videoconferencing. EdgeLearn can help your institution plan, implement, and develop online and hybrid programs through expertise in instructional design, instructional technology, training, and project management. This session will show you how EdgeLearn will help member institutions succeed by providing support, expertise, and collaboration without taking ownership of your instructional output.

Learning Objectives:

- Detail the services EdgeLearn provides through EdgePro
- List the partners EdgeLearn works with to provide educational technology solutions
- Explain ways EdgeLearn plans to grow over the next 3-5 years



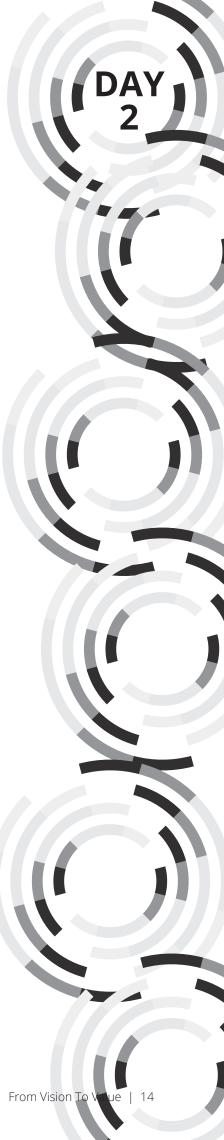
Jason Hardy, Director of Network Services, University of Texas – Arlington

The university networking landscape continues to evolve from end to end. The core of the network is continually pressured for more speed and agility. Technologies that utilize AI and the cloud will enable the network to adapt to the changing environment. New challenges with contract tracing and extending the campus to the home must be addressed and the status quo will not be good enough. Emerging technologies in cloud based Wi-Fi utilizing AI, machine learning, and BLE will have a significant, positive impact on the end user experience.

Learning Objectives:

Gain an understanding of:

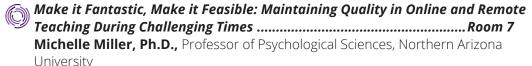
- The application of AI in a University network infrastructure.
- The impact of Microservices in the cloud on the agility of the Wi-Fi network.
- How to improve and manage a next generation network of remote faculty and administration.



Ed Con Agend



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How can we help all students gain a solid foundation of knowledge, while also teaching them how to think? How do working memory and attention factor into the learning process? And how do we keep students motivated to put in the effort that's necessary to accomplish deep learning? These questions are some of the most challenging ones we face as we design and teach our courses, and now, they are front and center as we re-envision quality education in a time of upheaval and rapid change. We can address them by applying theoretical frameworks derived from learning sciences. We can also draw on the practical wisdom of experience developed by faculty members doing the hard work of keeping students moving forward towards their academic goals. This session will address them by applying theoretical frameworks derived from learning sciences and the practical wisdom of faculty experience.



DAY 3

9:30 AM	LOBBY / THANK YOU SPONSORSCONFE	RENCE LOBBY
9:30 AM	WELCOME	ROOM 1
9:45 AM	PLENARY	ROOM 1

Paul 'The Profit' Dawalibi, CEO of Conquest and CEO of Obsidian Ventures

"The Official Podcast Of Esports", a weekly show that debates the latest trends and opportunities in the industry will broadcast LIVE from EdgeCon

11:10 - 11:15 AM EXHIBIT HALL/CHAT LOUNGE EXHIBIT HALL

11:30 AM BREAKOUT SESSIONS



Cybercriminals Also Work from Home......Room 2

Etay Maor, Boston College adjunct professor, Cybersecurity Researcher, Keynote Speaker, RSA Conference Community Member

The global pandemic has moved up the adoption of the 'work from home' from something organizations consider to a new norm, one which will not disappear any time soon. During this time cybercriminals have not slowed down, quite the contrary, there is a sharp increase in the number of attacks against those working from home, remote administration systems, collaboration tools and more. In this session we will take a look at some of these attacks, discuss the attacker's point of view and review security best practices and mitigation strategies.

Learning Objectives:

• In this session we will take a look at some of these attacks, discuss the attacker's point of view and review security best practices and mitigation strategies.



Collegiate Esports InsightsRoom 3

Demetrios Roubos, Associate Director, Information Security, Program Manager, Stockton Esports, Adjunct Faculty, Computer Science, Stockton University

Join Demetrios Roubos for an interactive session about collegiate esports program development. Specific focus will be placed on technology integration, innovation initiatives, and best serving the community of participants. <u>Learning Objectives:</u>

- Learn how to plan and build an esports facility
- Develop an active esports community
- Effectively utilize in-house talent to meet the needs of your program





- Forces Shaping the Future of Science and Discovery
- Tricks of the Trade: Emerging Practices, Methods, Tools, and Technology
- Security, Privacy, and Ethics
- Emerging Trends and Innovation
- Retooling Enterprise Technology for Business Continuity
- Collaboration and Partnerships Across the Enterprise

11:30 AM

BREAKOUT SESSIONS (CONT.)

The Northeast Blg Data Innovation Hub is a community convener, collaboration hub, and catalyst for data science innovation in the Northeast Region of the U.S.. Our mission is to build and strengthen partnerships across industry, academia, nonprofits, and government to address societal and scientific challenges, spur economic development, and accelerate innovation in the national big data ecosystem. Join us (https://nebigdatahub.org/about) to learn about the exciting initiatives you can participate in across our four focus areas of Health, Responsible Data Science including security + privacy + ethics, Education and Data Literacy, and Urban to Rural Communities. We will present projects such as the COVID Information Commons (https://covidinfocommons.net), the Connected Healthcare Cybersecurity Workshop in collaboration with IEEE and Underwriters Laboratories, the Northeast Student Data Corps, and more, inviting you to join in the efforts and share your data science related insights and projects so together we may transform the world through data science for good.



Creating an Optimal Student Experience by Transforming Engagement Room

Ahmed El-Haggan, VP of IT/IA, CIO & Professor of Computer Science, Coppin State University

Jennifer Beyer, VP, Product Management, Anthology

This session will provide insight into how Coppin State University (CSU), an Historically Black Institution (HBI) that serves mostly Baltimore City residents, re-engineered their business strategy and technology platform to increase student engagement and satisfaction. CSU serves disadvantaged minorities, firstgeneration, multi-generation student body. Recent NSSE surveys indicated that student satisfaction at CSU lagged other Mid-East public universities by 29 points for first-year students and 9 points for seniors. The institution created a high-impact engagement strategy supported by a campus-wide CRM, which enables a deeper understanding of individual journeys, and personalized engagement across the student lifecycle. By taking a personalized student-centric approach and leveraging a system that includes predictive and prescriptive analytics, as well as workforce analytics to align academics and student skills with the needs of the workforce, Coppin State now has the foundation to improve the student experience, achieve enrollment goals, and prepare students for career success. In this session, Dr. Ahmed El-Haggan, VP of IT & Advancement, CIO and Prof. of Computer Science at CSU, and Dr. Jennifer Beyer, Anthology VP of Product Management, present the institution's process for improving student engagement and designing an optimal journey for each student.

Learning Objectives:

 Attendees will learn how to scale up student engagement without scaling up staff

- Gain insight into developing a strategy to improve the students experience across the student lifecycle, from prospect to alumni
- Explore how intelligent cloud-based CRM, and workforce analytics can help keep students engaged, motivated and aware of how their academic programs aligned with their career goals and the needs of the labor market



Gregg Chottiner, VP Technology Advancement, Edge

Ilustrating how Edge can assess, recommend and execute technical and functional improvements to a schools admin systems. Edge has resources with specific skill sets and experience to implement upgrades, interfaces and new modules to your Ellucian environment. Edge can also help prepare a school for digital transformation to a modern SaaS solution.

Learning Objectives:

- Assess and improve Ellucian admin systems
- The capabilities of modern SaaS solutions
- The advantages of the cloud for reliability, scaling, performance and savings

12:15 PM EDGECON CLOSING ANNOUNCEMENTSROOM Samuel Conn, Ph.D., President and Chief Executive Officer, Edge

12:25 PM THANK YOU SPONSORS



Ed Con Agenda

