



MINNESOTA STATE
Educational Innovations

Shark Tank Open

DoubleTree by Hilton Hotel
7800 Normandale Boulevard
Minneapolis, MN 55439

Thursday, April 12, 2018



GREETINGS

On behalf of Minnesota State, Educational Innovations is thrilled to welcome you! This event is meant for both joyful celebration and lively competition. The celebration begins by connecting people working in faculty development across Minnesota State. The reception features video vignettes, poster sessions, and hands-on exhibits by those who received innovation funding last year. You will be amazed by the results! This will be immediately followed by Intriguing Ideas, where you will be inspired by those who work at innovation intersections of community, business, and education, concurrently with our own version of “Shark Tank.” If you are at all interested in educational innovation, you will find something worthwhile at Shark Tank Open.



Throughout the evening, feel free to lend your Twitter voice to the excitement at [#MinnStateShark](https://twitter.com/MinnStateShark).

Kim Lynch, Ph.D.

Interim Associate Vice Chancellor for Academic Affairs

Senior System Director for Educational Innovations

Minnesota State

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ABOUT EDUCATIONAL INNOVATIONS

The mission of Educational Innovations is to identify, seed, and support innovative technologies and talent to drive and enable the highest-quality teaching and learning experiences for students across Minnesota State. We do this by:

- supporting collaborations that enable and advance student success
- supporting faculty in multiple ways to ensure that all students have high-quality learning experiences
- coordinating enterprise opportunities and solutions that add value for Minnesota State colleges and universities



Shark Tank Open

DoubleTree by Hilton Hotel
7800 Normandale Boulevard
Minneapolis, MN 55439
Thursday, April 12, 2018
4:00-8:30 PM
[#MinnStateShark](#)

3:30 - 3:45 PM	Registration for Faculty Development Network Social	Grand Ballroom
3:30 - 5:00 PM	Faculty Development Network Social	Veranda Room 8
4:00 - 5:00 PM	Registration for All	Grand Ballroom
5:00 - 6:00 PM	Networking Reception, Video Vignettes, and Poster Sessions	Grand Ballroom
5:40 - 6:00 PM	Welcome and Recognition of Track 2 Award Recipients Kim Lynch, Sr. System Director for Educational Innovations	Grand Ballroom
6:00 - 6:15 PM	Transition to Meeting Rooms (floor plan on back of program) Exhibitor Rooms Open	Veranda Rooms 1, 4, and 5
6:15 - 7:00 PM	Pitch Presentations, Round One Each presentation is 5-7 minutes with another 5-7 minutes for panel questions Intriguing Ideas Speakers, Round One	See Presentations
7:00 - 7:15 PM	Dessert Break	Registration Area
7:15 - 8:00 PM	Pitch Presentations, Round Two Each presentation is 5-7 minutes with another 5-7 minutes for panel questions Intriguing Ideas Speakers, Round Two	See Presentations
8:30 PM	Exhibitor Rooms Close, conference adjourns	Veranda Rooms 1, 4, and 5

YOUR PARTICIPATION IS REQUESTED: Share your experiences by tweeting messages regarding the event with the hashtag [#MinnStateShark](#). For comments on individual presentations, please use the hashtag [#MinnStateShark](#) followed by the college or university hashtag found in your program and written on the flipchart in your room.



PRESENTATIONS

Round One

INTRIGUING IDEAS
SPEAKERS

INNOVATIVE
SOFTWARE AND
MULTIMEDIA

EXPERIMENTAL
STUDENT-CENTERED
PROGRAMMING

NOVEL TEACHING AND
LEARNING APPROACHES

	Veranda Room 3	Veranda Room 7	Veranda Room 2	Veranda Room 6
	Facilitator: Jessica Espinosa	Facilitator: Tim Anderson	Facilitator: Lesley Blicher	Facilitator: Scott Wojtanowski
6:15 – 7:00 PM	<p>Jeff Young</p> <p>Can Students Tell a TA From a Chatbot? (And Other Tough Questions About AI in Higher Ed)</p> <p>Artificial intelligence is making its way onto campus. While it has the potential to connect campus silos in new ways, it also raises ethical questions and challenges traditional notions of what it means to teach.</p> <p>@jryoung</p>	<p>#27 Dreaming by Degrees – An Open Source Podcast for First-Year Students</p> <p>Minnesota State University, Mankato</p> <p>@MNSUMankato</p>	<p>#34 Collegiate Recovery Program</p> <p>Minneapolis Community and Technical College</p> <p>@MCTCtweets</p>	<p>#1 Minnesota State REFLECT: Research Experiences For Learning, Engaging, Connecting and Teaching</p> <p>Anoka-Ramsey Community College</p> <p>@AnokaRamseyCC</p>
	<p>Cristin Moran</p> <p>Spotting Innovators</p> <p>How do you identify, sustain and lead corporate innovators?</p> <p>@cristinmoran</p>	<p>#66 Saving Money While Improving Quality: Software Carpentry Leader Training</p> <p>Winona State University</p> <p>@winonastateu</p>	<p>#25 Building Entrepreneurial Mindset Competency: An Innovative and Inclusive Strategy for Diverse Student Success, Well Being, and Career Readiness</p> <p>Metropolitan State University</p> <p>@Choose_Metro</p>	<p>#28 The Great Minnesota Textbook Remix Project</p> <p>Minnesota State University, Mankato</p> <p>@MNSUMankato</p>
7:00 – 7:15 PM	Dessert Break (Registration Area)			



PRESENTATIONS

Round Two

INTRIGUING IDEAS
SPEAKERS

INNOVATIVE
SOFTWARE AND
MULTIMEDIA

EXPERIMENTAL
STUDENT-CENTERED
PROGRAMMING

NOVEL TEACHING AND
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	Veranda Room 3 Facilitator: Jessica Espinosa	Veranda Room 7 Facilitator: Tim Anderson	Veranda Room 2 Facilitator: Lesley Blicher	Veranda Room 6 Facilitator: Scott Wojtanowski
7:15 – 8:00 PM	<p>R.T. Rybak</p> <p>What Fred Flintstone tells us about the world we'll live in tomorrow.</p> <p>The role of community in a super-fast trip from prehistoric times to at least a few years from now.</p> <p>@R_T_Rybak</p>	<p>#4 Developing 2D and 3D Virtual Activity Based Learning Approaches Using OER Integration with an Online Adaptive Learning Pedagogy-Based Platform</p> <p>Century College</p> <p>@CenturyCollege</p>	<p>#44 Student Learner Hub</p> <p>Minnesota State College Southeast</p> <p>@MSCSoutheast</p>	<p>#5 Experimental and Cross-Cultural Learning through a Simulated Columbian Coffee Exchange</p> <p>Century College</p> <p>@CenturyCollege</p>
		<p>#13 An Open Invitation to Biological Anthropology</p> <p>Inner Hills Community College</p> <p>@InverHillsCC</p>	<p>#23 Collegiate Recovery Program at Metro State</p> <p>Metropolitan State University</p> <p>@Choose_Metro</p>	<p>#65 Innovative Flexible Learning Spaces Design Offering Extended Features Including Access to Office 365 Content, Shared Directories, Web Based Conferencing, Recording, White Boarding</p> <p>Winona State University</p> <p>@winonastateu</p>
8:00 – 8:30 PM	Exhibitor Rooms – Final Look			
8:30 PM	Shark Tank Open Adjourns – Thanks for coming!			

Exhibits and Pay It Forward Funding Opportunities

Interactive Technology | Veranda Room 4

Institution	Exhibit Title
Rochester Community and Technical College	<i>Virtual Reality Laboratory</i>
Winona State University	<i>The Mobile Computing Laboratory (McLAB)</i>
Lake Superior College	<i>Airtame (http://www.airtame.com) "Wireless Classrooms and Beyond Made Easy"</i>
Century College	<i>Welcome to the Conversational economy - Let's Build a Chatbot for Minnesota State</i>

Scalable Solutions | Veranda Room 1

Institution	Exhibit Title
Riverland College	<i>Toward a Mastery-based Business AS Degree</i>
St. Cloud Technical and Community College	<i>eOrientation for "Flipped Advising"</i>
South Central College	<i>The Project for Expanding & Expediting Credit for Prior Learning (CPL) at South Central College</i>
Central Lakes College	<i>Print on Demand for OER</i>

Open Educational Resources | Veranda Room 5*

Institution	Exhibit Title
Southwest Minnesota State University	<i>Understanding Writing and Research in the Disciplines</i>
Minnesota State University, Mankato	<i>Mankato OER Professional Development Certificate Program</i>
Winona State University	<i>Workshops to Increase Awareness and Deployment of Software Carpentry and Data Carpentry Open Educational Materials</i>
Ridgewater College	<i>Open Textbook Project: An Online, Responsive, Multi-Media Textbook</i>

* LeadMN also has a table in this room, stop on by!

Technical Program Innovation | Grand Ball Room

Institution	Exhibit Title
Minnesota State Community and Technical College	<i>Keepin' it Cool! Utilizing state-of-the-art technology in Commercial Refrigeration.</i>

Pay It Forward Funding | All Exhibitor Rooms

There is \$10,000 in funding associated with each of the 3 exhibitor rooms! This funding rewards innovators who wish to transport previously funded innovations to their campus. So if you're interested, visit each of the exhibitor rooms, discuss with an exhibitor what it would take to recreate the innovation on your campus, and send an email to stephen.kelly@minnstate.edu to request a Pay It Forward Funding proposal application, and remember to include which innovation you'd like to recreate!

You have until May 11, 2018 to submit a proposal for consideration.



Intriguing Ideas Speakers



Dr. Cristin Moran

Dr. Cristin Moran is Vice President of Growth Science, a company that partners with Fortune 100 companies using data science and predictive analytics to help innovators risk manage new product launches, acquisitions, strategic growth initiatives and venture capital.

Prior to this she led Front End Innovation for 3M Healthcare where she developed a world class innovation practice to enable greater value creation, delivery and capture through innovative commercialization. Most recently she led a large program to redesign the medical tapes market. Previously, Cristin worked in the 3M Consumer Business where she developed and launched full-solution platforms to expand the Scotch® and Post-it® brands.

She began her career in the Corporate Laboratory working in the Nanotechnology group on advanced touchscreens, next generation solar cells and an insulin pill. Cristin completed post-doctoral work as a National Research Council Research Associate at the Air Force Research Laboratory, and received her Ph.D. in Chemistry from Rice University as a Robert A. Welch Predoctoral Fellow.

She has been an invited speaker at South by Southwest, the Front End of Innovation and Back End of Innovation Conferences, the Innovation Master Class and many others. She has 33 issued patents, as well as 13 publications and 1 book chapter.



Jeff Young

Jeffrey R. Young is a senior editor at EdSurge, covering the intersection of technology and education and co-hosting EdSurge's weekly podcast. He previously spent 20 years at The Chronicle of Higher Education as a reporter and editor. Young has also taught classes and workshops on digital journalism, including serving as an adjunct lecturer at the University of Maryland at College Park for seven years. In 2014 he spent a year as a Nieman Fellow at Harvard University, where he was also a fellow at the Berkman Center for Internet and Society.

Young has written for national publications including The New York Times, New Scientist, Slate, and The Wall Street Journal. An article he wrote was selected for the anthology The Best of Technology Writing 2007. Young is a frequent speaker on issues of education and technology, having given talks at the South-by-Southwest Interactive conference, at education events, and on campuses.

He received a bachelor's degree in English from Princeton University in 1995 and a master's in communication, culture, and technology from Georgetown University in 2001.



R.T. Rybak

R.T. Rybak has served as President and CEO of The Minneapolis Foundation since 2016.

As leader of one of the oldest and largest community foundations in the country, Rybak oversees the management of nearly \$700 million in assets and the average annual distribution of more than \$50 million in grants.

Before leading The Minneapolis Foundation, Rybak served as executive director of Generation Next, a coalition of civic, business, and school leaders focused on closing the educational opportunity gap in Minneapolis and Saint Paul. Prior to that, he served as mayor of Minneapolis from 2002 to 2013.

Rybak is the author of "Pothole Confidential," a memoir about his 12 years as mayor of Minneapolis.

A Minneapolis native, Rybak spent almost 30 years working in journalism, commercial real estate, publishing, and the Internet. He and his wife Megan O'Hara, have two grown children.



SHARK TANK PANELISTS

INNOVATIVE SOFTWARE AND MULTIMEDIA



Jenni Swenson

Jenni Swenson has been a dean at Minnesota State since 2006, and has supervised programs in liberal arts, STEM, business, and industry. She has an M.S. in Soil Science, an M.A. in Scientific and Technical Communication, and a Ph.D. in Rhetorical Theory (dissertation emphasis on understanding ethical concerns in the design, application, and documentation of learning analytics).



Dr. Faisal Kaleem

Dr. Faisal Kaleem is an Associate Professor in the Department of Information and Computer Sciences at Metropolitan State University, and a Senior Fellow at the Leadership Institute (TLI) at the University of Minnesota. Dr. Kaleem is an experienced lifelong cybersecurity practitioner. His research interests include multiple aspects of cybersecurity including Smart Grid Security, Computer, and Network Security but more specifically in the area of mobile device security, mobile malware analysis, and attribution, and mobile forensics. In the past few years, Dr. Kaleem has developed and taught several courses (Ethical Hacking, Digital Forensics Engineering, Mobile Device Forensics, Malware Reverse Engineering, etc.) in the area of cybersecurity. Dr. Kaleem established MnCyber—a statewide research and educational institute for Cybersecurity and forensics. He is also the co-founder and executive member of Minnesota Cyber Career Consortium (MNC3) whose mission is to address Minnesota's cybersecurity workforce needs and to help assist Minnesota businesses in handling cyber risks. He continually appears on various local news channels discussing various issues in the area of cybersecurity and currently holds various industry certifications such as CISSP, CEH, Security+, MCT, CCLO, and CCPA.



Jim Mishek (Vistatek)

Jim Mishek, the founder of the Muskie Tank, graduated from the U of M in Material Science and has an MBA from St. Thomas. He has been President of Wilson Tool, CEO/President of Despatch Industries, and founded Vistatek. He has experience in M&A, international business, product development and strategic planning.



Lexi Byler

Lexi Byler is a student at Minnesota State University Moorhead. She already received her B.S. in Integrated Advertising and Public Relations and a minor in Sports Communication. She is now finishing a certificate in Project Management. She's been an active student leader, being the captain of the rugby team, president of the Black Student Union, and Diversity Chair of the Student Senate before being elected the Vice Chair of Students United. In this position, she represents and advocates for all the students in Minnesota State university system.



SHARK TANK PANELISTS

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EXPERIMENTAL STUDENT-CENTERED PROGRAMMING



Josey Landrieu

Josefina (Josey) Landrieu, Ph.D. Interim Assistant Chief Diversity Officer. Josefina is a high-energy, self-motivated higher education and equity professional! At Minnesota State, she is responsible for developing efforts to define, understand, assess, foster, and cultivate equity and inclusion at the system level and within each college and university. Josefina works closely with campus Chief Diversity Officers on strategic diversity leadership, equity and inclusion data and assessments, as well as professional development. Josefina strives to bring organizational vision into reality and remains hopeful and engaged by working in community, running (a lot), being a mom to two beautiful, bicultural and bilingual kids, a wife, and a friend!



Kathy Grady

Kathy Grady has been the Learning Systems and Services Manager in the Online Learning department at North Hennepin Community College for nearly 15 years. She is responsible for the site administration of the campus' D2L Brightspace learning management system and other related eLearning technologies. She also works with faculty to identify their teaching strategy and use of the appropriate technology to meet the learning objectives of their online courses.



Zach Prebeck (Travelers)

Zach Prebeck works for Travelers Insurance, a leading provider of property casualty insurance for auto, home and business. He earned Bachelor of Science in Business degrees in Finance and Accounting from the Carlson School of Management at the University of Minnesota. Zach also holds a Masters of Accountancy degree from the Carlson School. He currently works as a Senior Financial Analyst at Travelers, where he is responsible for oversight and analysis of travel and entertainment spend.



Dillon Forcier (LeadMN)

My name is Dillon A. Forcier, I am a student at Lake Superior College. I currently serve as the President of the Student Senate at LSC and I serve as the Governing Council Student At Large at LeadMN, we are college students connecting for change. I am very interested in open. Open opportunities and initiatives are popping up across the country. And I believe Minnesota is the next best place to have an initiative. I have done a lot of work the last year with Open Educational Resources (OER) including advocating for more funding at both state and federal levels.

SHARK TANK PANELISTS

NOVEL TEACHING AND LEARNING APPROACHES



Jeralyn Jargo

Jeralyn Jargo serves as the State Director Career Technical Education for Minnesota. Working from the System Office of Minnesota State in partnership with the Minnesota Department of Education, she assists the state's 26 consortia in preparing and improving Career and Technical educational programs to serve secondary and postsecondary students. Her work in education spans work throughout Minnesota including teaching secondary and postsecondary students, creating programs of study in healthcare, and technology, serving as an academic dean for a two-year college, and as the vice president of advancement and innovation. Much of her work entails engaging business and industry partners and mentoring new leaders as they navigate between public and private organizations. Her formal education occurred at the University of Iowa, the University of North Dakota, and Saint Mary's University, Minneapolis, Minnesota.



Beth McMahon

Elizabeth McMahon is a faculty member from Northland Community and Technical College. With 20+ years of teaching and instructional design experience with online and blended courses, she regularly facilitates workshops and webinars for faculty that focus on best practices for online teaching, course design and integration of academic technology. She is Co-Coordinator of the Minnesota Online Quality Initiative (a project sponsored by Minnesota State) and is one of the System Lead Coordinators for Quality Matters (QM) in Minnesota. She is a certified by Quality Matters as a Master Reviewer, Course Review Manager and Facilitator.



Joel Bradley (3M)

Obtained a Bachelor of Science degree in Electrical Engineering from the University of Wisconsin – Madison with a specialty in Electromagnetic Theory and Communication in 2002. Joined 3M in 2003 as an application engineer for the Traffic Control Materials Division (now Transportation Safety Division) supporting Digital Validation Sticker and Electronic Vehicle Registration project platforms. In 2008, had the opportunity to work with the Track & Trace Emerging Business Opportunity and supported real-time tracking applications in Healthcare environments. In the latter portion of 2008, began working at Medtronic as a systems engineer working on instrument design and communication protocols. Had the career broadening chance to join 3M Legal Affairs in August of 2010 as an Intellectual Property liaison. In the beginning of 2015, became the manager of the Systems and Software group and managed six wonderfully talented liaisons or analysts. As of August 2016, I am the project manager in the Critical and Chronic Care Solutions Division of 3M developing and commercializing wound and skin care platforms.



Nick Rompot (LeadMN)

So a little bit about me, my name is Nick Rompot I am a student in the Gun Smithing program at Pine Technical & Community College. I am also an out of state student I am originally from Cedar Rapids Iowa and am in Minnesota for school but I am graduating this year and headed back home. On my campus I am the Student Senate President and a member of our Shooters Association. I love trapshooting and hunting I also enjoy performing in plays and musicals and singing in choirs or in small groups. I'm kind of all over the place but I am really excited to hear the pitches from everyone.



WHAT TO EXPECT AFTER THE PITCH INNOVATIONS



- *Who decides the proposals that are funded?*
Funding will be determined by the panelists, in collaboration with our staff.
- *What is the total funding amount to be awarded, per category, and overall?*
Approximately \$150,000 total, which may or may not be divided equally among the categories. We hope to fund 5 or 6 of the proposals being pitched.

April 27, 2018	Innovation Funding recipients are notified and receive feedback from the investor panel
May 11, 2018	Proposals funded receive intra-agency agreements for funding and an evaluation design template
August 27, 2018	Innovations are implemented with evaluation measures embedded
Feb – April 2019	Innovators present outcomes at ASA Technology Council meeting and/or Campus Academic Technology Team statewide meeting
April 2019	Innovators exhibit their innovations at the Shark Tank Open

NOTES:

- **Directions:**
Doubletree By Hilton Bloomington
Minneapolis South
7800 Normandale Blvd, Minneapolis, MN 55439
doubletree3.hilton.com/en/index.html
- **Things to do in Bloomington:**
<https://tinyurl.com/yb26seas>
- This event is **“business casual”** and attendees are encouraged to sport your own “campus pride” shirts. Presenters feel free to dress in a way that supports your pitch (if applicable).
- The WiFi password for this event is: **sharktank18**

For questions or comments regarding this event, please feel free to contact:

Kim Lynch
Kim.Lynch@minnstate.edu
651-201-1655

LaShawnda Ford
LaShawnda.Ford@minnstate.edu
651-201-1451

Please share any photos related to the presentations with LaShawnda Ford.

#MinnStateShark Scavenger Hunt

Share your support of Shark Tank Open and enter our drawing to win a prize!

* Grab a Scavenger Hunt form, located at the registration desk

* Complete the tasks listed on the form

* Return the form filled out to the registration desk drop box to be entered to win our drawing



DoubleTree by Hilton

Bloomington Minneapolis South

Meeting Room Floor Plan

- Veranda Room 1** Scalable Solutions
- Veranda Room 2** Experimental Student-Centered Programming
- Veranda Room 3** Intriguing Ideas Speakers
- Veranda Room 4** Interactive Technology
- Veranda Room 5** Open Educational Resources
- Veranda Room 6** Novel Teaching and Learning Approaches
- Veranda Room 7** Innovative Software and Multimedia
- Veranda Room 8** Faculty Development Network Social
- Grand Ballroom** Reception

Second Floor Meeting Rooms

