

SHARK TANK

OPEN

April 7, 2022

3:00 - 5:00 p.m.

Virtual



MINNESOTA STATE

Greetings

On behalf of Minnesota State, Educational Innovations is thrilled to welcome you to the 2022 Shark Tank Open! We come together to celebrate accomplishments and launch promising ideas.

This afternoon's celebration begins with opening remarks from the greatest supporter and inspirer of this work, Senior Vice Chancellor for Academic and Student Affairs, Ron Anderson sharing the importance of innovation in our system.

Next, we will recognize innovators across Minnesota State who have new seed and sustaining projects moving ahead this year. These projects span across areas of student success, research, credentialing, and partnership. We can't wait to see what they accomplish and hope you are equally inspired by their work.

The Innovation Expo videos highlight incredible work focused on innovation at our campuses. If you are interested in learning more about educational innovation, we invite you to check out the [Innovation Gallery](#).

Finally, we will then transition to the main event, our very own version of Shark Tank, a lively competition to fund the creative ideas from across the state.



MINNESOTA STATE
Educational Innovations

Robbie Burnett, E.D.

Director of Innovation and Collaboration
Educational Innovations
Minnesota State
robbie.burnett@minnstate.edu



April 7, 2022 | 3:00 - 5:00 p.m.

Agenda

Presenters will have seven minutes to pitch their innovative project ideas to the sharks.
Additional time is reserved for questions from the sharks.

3:00 - 3:10 p.m. Welcome and Innovation Updates
Stephen Kelly, Robbie Burnett, Ron Anderson

3:10 - 3:20 p.m. Recognition of Small Seed and Sustaining Innovation Funding Recipients | Pg. 4
Robbie Burnett

3:20 - 3:25 p.m. Break/Transition to pitch presentations | Pg. 5

3:25 - 3:45 p.m. Pitch Presentations Round One

3:50 - 4:10 p.m. Pitch Presentations Round Two

4:15 - 4:35 p.m. Pitch Presentations Round Three

4:40 - 5:00 p.m. Pitch Presentations Round Four

How to join: Visit the event page located in the calendar invite sent after registering. Those who have registered will also receive an email on April 7, 2022 with a link to the event page.

#MinnStateShark

@MinnStateEdu | @MinnStateASA | @MinnStateEI

Small Seed and Sustaining Innovation Funding Recipients

Congratulations to the 2022 Small Seed and Sustaining Innovation Funding recipients, which include new projects up to \$10,000 and previous projects receiving sustaining funding.

Creation of Inclusive OER Materials for Liberal Arts and Sciences Curriculum (LASC)

Small Seed Innovation Funding

Minnesota State University Moorhead

Piloting the Maverick Research Ambassador Program

Small Seed Innovation Funding

Minnesota State University, Mankato

Helping Students Get Back On Track: A structured approach to encourage students on academic warning to utilize tutoring

Small Seed Innovation Funding

Winona State University

Designing conversational agent for education: tailoring university student's personalities into human-centered intelligent systems

Small Seed Innovation Funding

St. Cloud State University

Indigenous Students in Psychology Training

Sustaining Innovation Funding

Bemidji State University

Minneapolis College Career Readiness Digital Badging Program Demonstrates Skill & Competency

Sustaining Innovation Funding

Minneapolis College

Online Course Design for Holistic Learner Development

Small Seed Innovation Funding

Century College

Improving Dev Ed Student Outcomes Through Highly Effective Partnership Practices

Small Seed Innovation Funding

Northland Community and Technical College

A Pathway into College for Multilingual Adults: A Summer "Be Your Best" Adult Learner Cohort

Small Seed Innovation Funding

Riverland Community College

Gateway Mastery Project

Small Seed Innovation Funding

Inver Hills Community College

We Are Here; Hear Us

Small Seed Innovation Funding

Lake Superior College

Pitch Presentations

How to join: Visit the event page located in the calendar invite sent after registering.
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**Room One: Online Learning
and Educational Technology**

**Room Two: Pedagogical
Innovations and OER**

**Room Three: Curriculum
Innovations**

Round One • 3:25 - 3:45 p.m.

Student Extended Reality
Laboratory - Uncover and
Understand

Winona State University

First Year of Spanish OER
Textbook: Vamos pa'l norte:
Learning Spanish in Minnesota

Bemidji State University

Experiential Tapestries Project:
Interweaving Hispanic Studies
Computer Sciences through
Languages & Cultures

Minnesota State
University, Mankato

Round Two • 3:50 - 4:10 p.m.

Remote Learning Studio
with Lightboards

Southwest Minnesota
State University

Global and Cultural Studies
1970 Environmental Justice
and Nature Immersion
Collaboration

North Hennepin
Community College

Engaging diverse students to
boost enrollments and target
Equity 2030 goals

Minnesota State
University Moorhead

Round Three • 4:15 - 4:35 p.m.

Innovating the Science
Classroom for Widespread
Engagement

St. Cloud State University

A Model for the Development
of Cross-Disciplinary Anti-
Racist Education: The Faculty
Cohort Approach

Winona State University

Career to College: Seamless
IT Education Transition from
CEWD to Degrees

Minneapolis College

Round Four • 4:40 - 5:00 p.m.

Student Reviews Driving
Change in the Online
Learning Experience

Lake Superior College

Visualizing Biology

Southwest Minnesota
State University

Solomon Comstock and his Old
Soldiers: Telling the Story of
Minnesota Civil War Veterans
with Digital Humanities

Minnesota State
University Moorhead

Frequently Asked Questions



When is Pay It Forward Funding available?

Pay It Forward Funding is available to Minnesota State faculty and staff who wish to replicate a previously funded innovation and bring it to their campus. Applications will be available April 8, 2022 via the [ASA Newsletter](#). Applications are due May 6, 2022.



How many innovation projects will be awarded?

Educational Innovations hopes to fund 4 - 6 of the proposals being pitched.



Who decides the proposals that are funded?

Proposals chosen to be pitched at the Shark Tank Open are determined through a rigorous application review process. Review teams are comprised of faculty, staff, administrators, students, and system partners. Awards at the Shark Tank Open are determined by the expert panels.



When will the funding decisions be made?

The decisions will be announced no later than April 15, 2022 via the [ASA Newsletter](#).



How can I learn more about previously funded innovation projects?

Details about previously funded innovations can be found in the [Innovation Gallery](#).



Will the Shark Tank Open pitch presentations be recorded?

The 2022 pitch presentations will be recorded and be made available at [MinnState.edu/Shark](#) following the event.

Meet the Sharks

Online Learning and Educational Technology

Room Host: Jen Dobossy

Room Organizer: Scott Wojtanowski



RENAV DOSSMAN is the president of the Neighborhood Development Center. Ms. Dossman and her husband are the founders of Affirmation House, a not-for-profit for homeless men that provides housing and services to eliminate homelessness. She is a Certified Professional, Executive Life Coach, and was named a 2021 Person to Know by Twin Cities Business. She was recognized as a 2021 Women in Business Awardee by the Minneapolis/St. Paul Business Journal, and is a member of the African American Alliance of Community

Development Financial Institutions CEOs. She serves on the Destination Northside Committee, was named to Minneapolis Mayor Frey's Economic Recovery Work Group in 2021, and participates in the Anti-Racism and Economic Justice Trust in the Center for Economic Inclusion.



RONALD FERGUSON, Ph.D. teaches sociology at Ridgewater College and serves as one of the Equity and Inclusion Coordinators at Minnesota State. He remains active in his field via ongoing journal publication and involvement in sociological associations. Additionally, Dr. Ferguson co-authored the book, *What' Up with the Brothers? Black Masculinity in the 21st Century*. Dr. Ferguson resides in Cold Spring, Minnesota pursuing positive, systemic change.



AJAY PANICKER, Ph.D. serves as Interim Dean of College of Community Studies and Public Affairs at Metro State University. He also holds the position of Professor of Sociology at St. Cloud State University. Previously, Dr. Panicker served as a Chancellor's Fellow for Equity 2030 focusing on academic equity strategies.



DEANNA SJOLIE is a student at Minnesota State Community and Technical College, Wadena. She is studying nursing with goals of becoming a nurse practitioner. Deanna's interests include hunting, fishing, cooking, and spending time outdoors with family and friends. She enjoys learning about new ways to help and improve communities and injustices that are pertinent to communities.

Why is innovation important in your education, business, and/or work?

We must use every person and tool at our disposal to fight systematic racism. Innovation gives us the opportunity to address the pain points of the entrepreneurs we support in a unique way. Innovation is the vehicle we need to breakdown the barriers and open ourselves up to new ways to drive sustainability and resiliency for our entrepreneurs. - **Renay Dossman**

I see change as a constant in this world. As a higher education professional, I see changes manifesting in a number of ways in our student body and their unique needs and aspirations. Commitment to innovation would position us to address these unique needs confidently – be they in curriculum, pedagogy, or in terms of how students experience their educational journey – and be significant contributors to their success in education and career. I think of innovation as the engine that would deliver on the promise of higher education for current and future generations. - **Ajay Panicker**

Meet the Sharks

Pedagogical Innovations and OER

Room Host: Kari Frisch
Room Organizer: Tim Anderson



LUTUNJI ABRAM is the CEO of Voices of Effective Change, Inc. and Lutunji's Palate Bakery & Cafe, led by social justice and certified by the Women's Business Enterprise National Council. The St. Paul native is a 2022 Minneapolis/St. Paul Journal Women in Business Honoree and is a graduate of Metro State University, B.A. and Bethel University, M.A.



SUMALI PANDEY is an associate professor in Biosciences at Minnesota State University Moorhead. She teaches immunology, microbiology, cell culture, public health, infectious disease, and mentors undergraduate research students. She has taught extensively in online, hybrid and face-to-face settings and has integrated inclusive pedagogical practices throughout. She is the lead coordinator and investigator for the National Science Foundation funded ImmunoReach network – focused on immunology education research.



JOHN RUNNINGEN is a student at Minnesota State Community and Technical College, Fergus Falls and will graduate in 2024 with an A.A., a certificate in Global and Intercultural Studies, and a degree in Business Administration.



JESSALYN SABIN is an academic dean who serves career and technical programs in the Northeast Higher Education District (soon to be Minnesota North College). Sabin also taught Biology for six years at Hibbing Community College, and is completing a doctorate at Minnesota State University Moorhead. Sabin is a supporter of creative endeavors across the northland.

Why is innovation important in your education, business, and/or work?

A Greek philosopher once said that change is the only constant. And, education is at the forefront of influencing and being influenced by changes in our world. To make the change meaningful and purposeful, innovation is necessary. Innovation is that supreme problem-solving skill and ability to take risks, that has helped and will continue to help humans make exponential progress towards a better future for all. - **Sumali Pandey**

Innovation is the only way of staying successful within a continually changing society. Without innovation there would be no progress, without progress we would fail to grow and succeed. - **John Runningen**

Innovation allows us to maximize talent, time, and creative thinking for the benefit of all. Using an innovative approach means that we can all grow in our educational and professional practice. - **Jessalyn Sabin**

Meet the Sharks

Cirriculum Innovations

Room Host: Jonathan Hamilton

Room Organizer: Catherine Ford



YANKUBA BOJANG was born in Gambia, Africa. As a villager in a third world country, he was involved in youth-led initiatives and innovations that are geared towards creating responsible, self-reliant, and productive citizens. He pioneered a youth-led group that uses music as a source of developing talents and as an income generation venture geared towards supporting the members' educational needs. His main concept is based on pioneering the ideals of building organizations and groups that are self-reliant or self-funding; by using readily available local resources, materials, and talents to fight poverty, school dropout, and development of responsible, productive citizens.



KATE BOROWSKE runs the Center for Learning and Teaching at Southwest Minnesota State University (Go Mustangs!) as part of her role as Instructional Design Librarian. She helps faculty integrate technology, from video and social annotation to virtual reality, into their teaching using best practices and evidence-based research.



NERITA HUGHES is the Dean for the School of Business, Careers, Education & Workforce Innovation at North Hennepin Community College and the President and CEO of JG Consulting, LLC. She received her B.S. from National American University and she holds a Masters of Business Administration and a Doctorate of Education in Leadership both of which come from Saint Mary's University of Minnesota.



MICHAEL OLESEN is a higher education leader with over three decades of experience developing, implementing, and sustaining programs and initiatives that create opportunities for students, faculty, and the communities we serve. Michael retired from the University of Minnesota in 2014 having worked on the Twin Cities campus in research computing and as the first Chief Information Officer for the University of Minnesota Rochester campus and Program Director for the Biomedical Informatics and Computational Biology program. Within Minnesota State he has served as the Director of the U.S. Department of Education funded Rural Information Technology Alliance, and is a project manager with Educational Innovations.

Why is innovation important in your education, business, and/or work?

Innovation means any new way of doing and accessing things for the greater good. It is any concept or idea that is geared towards addressing challenging issues faced by a group of people, through new approaches, or building on existing approaches. During my junior year, I realized the need to come up with a way of supporting students whose parents were not willing or could not pay for their education. I decided to come up with creating a drum and pipe band and using the funds made from playing at events and ceremonies to support member education. This, in short, is what innovation means to me; coming up with this innovation, we created employment opportunities for students who would have not gotten a chance otherwise. - **Yankuba Bojang**

Innovation is essentially about problem-solving. But it's also about exploring, asking questions, or playing while working through the constraints. Done well, it can transcend mere problem-solving. Sometimes it starts out simply as a means to keep things interesting. In higher education, especially during the pandemic, faculty have struggled with ways to keep students engaged. We started using virtual reality to teach human anatomy. It was fun and new for students. However, it enabled some students to engage with the content, and learn, where traditional methods had been unsuccessful. - **Kate Borowske**

Thank You

Thank you to the inspirational innovators who pitched their project ideas. Your innovative mindset reflects your dedication to your students, campus, and community.

Thanks also goes out to all who made the 2022 Shark Tank Open possible:

Planning Committee:

Megan Babel, Robbie Burnett, Stephen Kelly, Kim Lynch, and Ha Im Park.

Room Hosts:

Jen Dobossy, Kari Frisch, and Jonathan Hamilton.

Room Organizers:

Tim Anderson, Brock Behling, Catherine Ford, and Scott Wojtanowski.

Sharks:

Lutunji Abram, Yankuba Bojang, Kate Borowske, Renay Dossman, Ronald Ferguson, Nerita Hughes, Sumali Pandey, Michael Olesen, Ajay Panicker, John Runningen, Jessalyn Sabin, and Deanna Sjolie

Videographer:

Gary Hatteberg

Feedback Survey

Let us know how your experiences were at the 2022 Shark Tank Open by taking the following survey. We appreciate your feedback and will use it to improve future events.

[Survey](#)

Minnesota State is an affirmative action, equal opportunity employer and educator.