

February 2022 Innovation Updates & Events Calendar

Foreword



We've all heard the saying, "The world is your oyster", which means, according to Oxford Languages, that *"you are in a position to take the opportunities that life has to offer."*

However, to look at oysters, they're not particularly pretty on either the outside, or the inside. Yet, for some, that rugged exterior holds a delicacy that is special, treasured, and a rare treat to eat on only very special occasions. And, some are even hiding pearls, another gem that's valued and special to wear when made into a necklace, earrings, or a bracelet.

Innovation is a lot like an oyster. It's not a particularly pretty journey as there are many challenges and bumps in the road, but if you stick with it and keep digging beneath the surface, there is a treasure trove of opportunities, insights, learnings, support, resources, etc., that help to unlock the obstacles and challenges you may encounter as you work to create your own innovative "pearl"—be it a product, process, quality improvement, intervention, educational program, clinical workaround or something else.

At HiiP we've been "digging" for a while now to find all these hidden treasures for you whether it be on-campus collaborators, intellectual property guidance, legal counsel, funding sources...whatever you need. And when we don't know or don't have something that meets your need, we go in search of it to find it for you. So, reach out and let us help you navigate your innovation journeys, whether it's just an idea in your head, or something you've already developed that you don't know how to get out there, or something in-between. We're here for you and will continue to share what jewels we find across as we navigate the great innovation ecosystem.

Some featured "pearls of wisdom" from this issue include:

- Opportunity to present your innovative research or idea at Research Day
- Innovation Challenges on/off campus & funding sources
- Educational resources in innovation and entrepreneurship
- Opportunities for consultation on your innovative idea
- A robust listing of student-centric innovation internship/innovation challengers and funding streams



Our best for finding those hidden innovative ideas and treasures,

Marge Calarco, Michelle Munro-Kramer, Ann Fitzsimons & Olga Yakusheva

UMSN Research Day 2022: Call for Abstracts & Registration

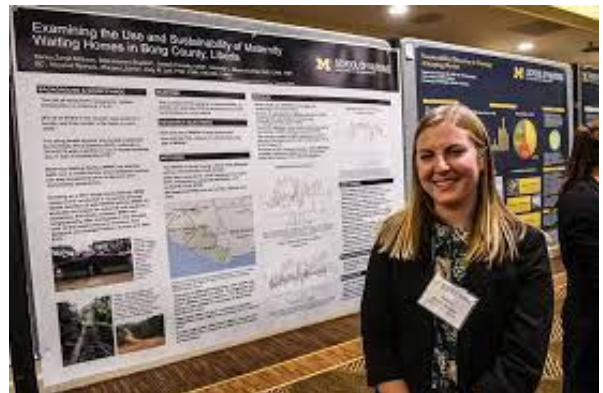


The UMSN Research Day Committee is inviting everyone (**faculty and students**) to submit an abstract for the upcoming Research Day 2022 Virtual Conference on April 12-14. The theme of this year's conference is Perspectives on Health Equity. We know some of you are working on innovations and

research that could turn into innovations in this space, so we ask you to consider submitting an abstract so you can start to socialize your innovation with our UMSN community.

Topics of interest for *Perspectives on Health Equity* may include, but are not limited to:

- Health inequities in patient-centered care
- Policy and public engagement as it relates to issues that could impact health outcomes or health equity
- Practice implementation and dissemination to improve care or reduce health inequities
- Innovative digital and technical solutions to improve patient outcomes, access and health equity
- Educational innovations around diversity, equity and inclusion
- Building a diverse team to address complex problems in health and/or health equity



The deadline for submitting Research Day abstracts is February 4, 2022. If an abstract is accepted, the final presentation would not be due until March 14, 2022. Instructions for the presentation will be sent with the abstract acceptance notification.

Those who submit an abstract will be notified about acceptance by February 11, 2022.

Please be aware that there are two different links to be used for registering for Research Day 2022 and submitting abstracts:

- [Register for Research Day 2022](#)
- [Submit an abstract](#)

Innovation Studio: Sign-up for February 15th Consultation

Looking for feedback and input on your biomedical innovation? Sign-up for a Zoom 30-minute consult at the Innovation Studio with their virtual office hours on 2/15 between 2:00-3:30 pm where you can get individualized feedback on:

- innovation concepts
- opportunities for commercialization education
- funding resources
- any other innovation concerns that faculty, staff, or trainees may have

Note: Space is limited.

To sign-up, click [here](#).



Registration is Open for fastPACE



FFMI fastPACE is a 4-week program providing real-world learning experiences for researchers exploring the commercial viability of a biomedical technology. The course shows clinician-researchers and biomedical research scientists how to put their ideas onto viable paths to commercialization through a process of accelerated business planning and customer discovery.

Registration is now open for the Spring 2022 cohort of fastPACE beginning 4/29.

To learn more, click [here](#).

To sign-up, click, [here](#).



FFMI *fast***PACE**

Awards for IPE Innovation & Excellence Nominations Now Open



The Center for Interprofessional Education has opened their call for nominations for the Awards for IPE Innovation & Excellence. They seek nominations for faculty, students, and/or teams who have demonstrated excellence in teaching, scholarship, and/or leadership with regard to implementing and/or developing innovative, effective, and sustainable IPE or interprofessional practice.

Awardees will be announced at Health Professions Education Day on April 5.

For more information, click [here](#).

The deadline for nominations is March 2.

HiiP HAPPENINGS

J&J Nurse Innovation Fellowship Capstone Presentation by Michelle Munro-Kramer

Michelle Munro-Kramer presented her final capstone presentation for her Johnson & Johnson Innovation Fellowship on January 26th. In her presentation she highlighted her work with our UMSN Student Innovation Ambassadors and the Innovate 4 Change Hackathon that she spearheaded with our Student Ambassadors last Fall.



If you'd like to watch Michelle's presentation, you should be able to use the link and my login email below;

WEBCAST

LINK: <https://event.on24.com/wcc/r/3571326/5AFE3A903399D5D08FF56B29175AA7FC?mode=login&email=amfitz@med.umich.edu>

EMAIL: amfitz@med.umich.edu

For more information on this J&J Innovation Fellowship, click [here](#).

Congratulations Michelle!

Snapshot of Other HiiP Happenings

- Michelle Munro-Kramer & Ann Fitzsimons of HiiP continue to work with the winning teams of our Innovate 4 Change Student Hackathon. Their interest and enthusiasm is contagious and we're excited to see these ideas moving forward for them. Will continue to share updates on select projects as they get closer to the potential for in-market testing and/or launch. Stay tuned.

EXTERNAL INNOVATION EDUCATION & OPPORTUNITIES

Nursing Innovation Podcast



HIYAM NADEL, MBA, BSN, RN

CENTER OF INNOVATIONS IN CARE DELIVERY AT
MASSACHUSETTS GENERAL HOSPITAL



AMPLIFY NURSING
A PODCAST OF UNIVERSITY OF PENNSYLVANIA
SCHOOL OF NURSING

Check out this Amplify Nursing podcast with [Hiyam Nadel](#), the Director of the [Center of Innovations in Care Delivery](#) at Massachusetts General Hospital.

Hiyam's work is focused on harnessing the power of innovation with clinicians at the bedside. In this podcast, she talks about building start-ups, building relationships and investing in nurses.

To access this podcast, click [here](#).

SONSIEL – Drexel University Online Education Program for Innovators, Entrepreneurs, and Leaders

New Product/Service Commercialization Virtual Program 4/30-5/1/22

This program educates on the principles and actions used for new product and service commercialization that happens inside healthcare organizations and often happens through the creation of new startup ventures.

- The program serves as an introduction on how to cultivate a new idea, how to test your most critical assumptions, how to find and speak with prospective customers and partners, and how to rapidly iterate ideas based on real customer feedback.
- The curriculum includes education on tools such as the Lean Startup Methodology, approaches to incorporate innovation, case study reviews, and learnings directly from nursing professionals who have launched new ideas in their fields to solve problems and improve the lives of others.



DREXEL UNIVERSITY
Charles D. Close
School of Entrepreneurship



Program Cost: \$699

- Fully refundable until April 15, 2022
- \$100.00 discount for SONSIEL members who are in good standing- please [email Faith](mailto:faith@sonsiel.org) for your discount code or questions, faith@sonsiel.org

Registration Deadline: **April 22, 2022**

To register, click [here](#)

The program is open to all nurses and non-nurses.

INNOVATION FUNDING OPPORTUNITIES - FACULTY

2022 Massey Traumatic Brain Injury Grand Challenge: Kick-off March 3rd

Michigan Center for Integrative Research in Critical Care (MCIRCC) announces the opening of its proposal submission period to multidisciplinary teams proposing high-risk ideas and innovations addressing the golden hours of traumatic brain injury.

There will be a total of \$1 million available in funding through this challenge.

Kick-off is Thursday, March 3 8:30 am-12:00 pm through Zoom

For more information or to submit a Proposal, click [here](#)



2022 Frankel Cardiovascular Center Innovation Challenge: Open for Submissions

The 2022 Frankel Cardiovascular Center (FCVC) Innovation Challenge will take place on May 19, 2022, from 3:00 pm-5:00 pm. The FCVC Innovation Challenge is an annual pitch competition where teams can win up to \$100,000 to fund ideas impacting cardiovascular care. In addition, Just Do It Awards are selected for low cost-low complexity ideas.



Ideas are welcome from anyone in the FCVC community: faculty, staff, trainees, patients, and family members.

The poster for the 2022 FCVC Innovation Challenge features a blue sidebar on the left with white text listing goals: IMPROVE PATIENT CARE, IMPROVE ACCESS, MAKE A DISCOVERY, STREAMLINE PROCESSES, DEVELOP NEW PRODUCTS, and ENHANCE COLLABORATION. The main white area contains the title 'DO YOU HAVE AN IDEA?' and 'FCVC INNOVATION CHALLENGE' with the tagline 'ANYONE CAN MAKE A DIFFERENCE!'. A yellow lightbulb icon is centered. Below it, '\$100K FUNDING FOR INNOVATIVE IDEAS' and 'JUST DO ITS \$2-4K FOR LOW COMPLEXITY INNOVATIONS' are displayed. At the bottom, it says 'Save the Date: 2022 FCVC Innovation Challenge May 19, 2022' and 'Idea submission opens January 13'.

Submissions will be accepted until Thursday, February 17 through video or text format.

See the [2022 Innovation Challenge page](#) for additional details and to browse past projects, and email FCVCInnovation@umich.edu with any questions

Note: Proposals submitted must address a problem related to the Frankel Cardiovascular Center or cardiovascular care.

To learn more, click [here](#)

Rita & Alex Hillman Foundation Innovation Funding Opportunities

The Rita and Alex Hillman Foundation supports what they call a “pipeline for nursing-driven innovation.” They are looking to underwrite nursing-driven initiatives that improve the health and healthcare of groups and communities who experience inequity, discrimination, oppression, and indifference. The pipeline supports work at different phases of development, as outlined below:

- [Hillman Emergent Innovation](#) (HEI) and [Hillman Emergent Innovation: Serious Illness and End of Life](#) (HSEI) accelerate the development of bold, early stage interventions.
 - The HEI is looking to fund projects that seek to mitigate the effects of racism on health, narrow gaps in health equity, and challenge conventional strategies for delivering and improve care to populations effected by racism. Awards up to 5 \$50K grants for work over 12-18 months.
 - HSEI funds interventions that seek to improve serious illness and end of life care of marginalized populations. Awards up to ten \$50K grants for 12-18 month projects.
 - Submission period for Letters of Intent **begins 2/1 and ends 3/8.**
- [Hillman Innovations in Care](#) advances innovative, evidence-based models of care that are ready to grow.
 - Proposals need to be directed towards initiatives that improve health outcomes, narrows gaps in health equity and disrupt conventional approaches to care for marginalized populations.



- Awards two 3-year grants for as much as \$600,000.
- Submission period for Letters of Intent **begins 2/8 and ends 3/29**.
- [Hillman Innovation Dissemination](#) (which accepts proposals by invitation only) amplifies the scaling efforts of established models of care.

Interested applicants are encouraged to review this year's [Requests for Proposals](#) and to [register for an optional informational webinar](#) on Tuesday, February 13, at 1 pm EST.

J&J Allergy Prevention QuickFire Challenge



J&J Innovation has initiated a QuickFire Challenge to address the growing public concern over food allergies. Innovators are invited to submit new and unique ways, technologies, or products that possess the potential to prevent food allergies from developing in children when they are young.

Submissions should aim to address one or more of the following focus areas:

- **Risk detection** including connected devices for both point-of-care and at-home prognostics/diagnostics.
- **Interventions & treatments** including preventive therapeutics and health technologies
- **Community platforms** with the potential to establish connectivity, monitor data, educate the public with a specific focus on socio-economic disparities, and assist communities

The award is grant funding from a total pool of \$150,000, in increments of \$75,000, \$50,000, or \$25,000

Applications close February 18, 2022.

For more information on this Challenge, click [here](#).

J&J QuickFire Challenge on Healthcare Transformation Through Nurse-Led Tech Applications

This Challenge is being conducted in collaboration with the American Nursing Informatics Association and the American Organization for Nursing Leadership to come up with ideas and innovations in health technology which leverage this technology to help nurses to lead transformational change which increases efficiency and improves patient outcomes.

The Challenge cites that “Robotics, AI, remote monitoring or communication, 3-D printing, portable diagnostics and virtual reality are some examples of how technology can—and will—augment the nursing workforce—and ultimately strengthen healthcare delivery and patient outcomes.”



This Challenge will award the nurse innovator with the most innovative idea(s) up to \$100,000 in grant funding as well as mentoring and coaching from experts across the J&J family of companies.

The Challenge is open to nurses and nursing students.

Applications close February 4, 2022.

For more information, click [here](#).

STUDENT INNOVATION OPPORTUNITIES & FUNDING

The following are innovation and entrepreneurship opportunities for internships, innovation challenges, funding, etc. to be shared with your students (so they're written to be directed towards your students).

Makeathon Student Product Design Competition 2022: 2/4-2/6/22

Makeathon is a 36-hour long competition where students collaborate within interdisciplinary teams to design and create innovative projects ranging from autonomous vehicles to automatic sandwich makers to Alexa-integration with DoubleMap and beyond.

This year, the competition is split into two competitions—a CAD (computer-aided design) contest and an Open Design contest. Teams can choose to participate in one of the contests, both of which are virtual in nature. Teams can be comprised of 1-6 members.



For the Open Design contest, each presenting team will get reimbursed for \$125 as participants need to prepare their own materials.

The event will be headquartered in the Duderstadt Center at the U-M North Campus, but teams are asked to work remotely.

The Makeathon is open to all college students, including you as UMSN students, from undergraduates to PhD.

For more information or to apply to this Makeathon, click [here](#).

Hurry to sign-up, the event is 2/4-2/6!

Looking for a Summer Internship? Check out Being a Desai Summer Intern



Use your creative problem-solving skills to help some small start-up companies and gain some valuable innovation and entrepreneurship experience doing it.

Desai is hiring software development, design, business development and generalist interns who will help portfolio companies with business development, financial modeling, product QA/testing, customer development/support, user acquisition, user experience, design, marketing and market research.

Students who thrive in a fast-paced environment and are currently enrolled in the University of Michigan are welcome to apply.

Interns will work virtually, full-time and should have a strong interest in 1) technology and startups, 2) great execution, organizational and communication skills 3) desire to learn more about startups and entrepreneurship and 4) the ability to work individually and as part of a team.

Applications are due: March 13, 2022

For more info, click [here](#).

Cisco Global Problem Solver Challenge

Got a healthcare tech idea that can benefit society? Give this Challenge a shot.

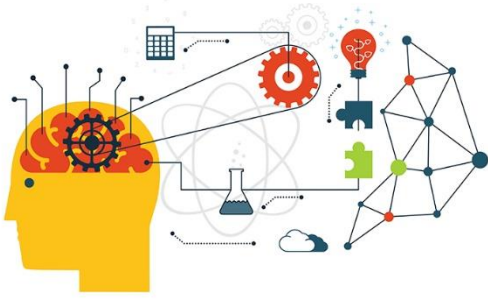
The Cisco Global Problem Solver Challenge 2022 is a worldwide search for early-stage technology-enabled solutions and services that can enable economic development and/or benefit society and/or the environment.

Want more information about the Challenge or tips on how to produce a winning pitch video? Join our upcoming informational webinars, where a team of experts will answer your questions about the Challenge.

Apply [here](#).by **2/11 at 5:00 pm. PT**



Ross Business + Impact Studio Medium Journal



The Ross Business + Impact Program shares its experiences designing for impact with others looking to create positive change via their Medium Journal. On this webpage, student-written posts are shared featuring their insights, learnings and news to keep you informed about the current activities in this program.

Click [here](#) for the student' posts on innovation happenings at Business + Impact.

VentureWell Student Grants

VentureWell's applications for grants for student teams are now open. These grants help student teams jumpstart their innovations with a combination of funding and training/mentorship from the VentureWell team.

Select teams chosen for this grant receive \$25,000 in funding to help with their innovation.

The full Proposal application is due February 2, 2022.

To learn more about this grant application, [click here](#).



Student Innovation Programming and Events Happening Around Campus



Our partners across campus have developed incredible community programming this semester. Check out the events below to learn more:

- **Business, innovation, & tech mixer 2/7 5:00-6:30 Ross Blau Colloquium**

Come join the first networking event of its kind. It takes more than one person to create a business—it takes a team of developers, designers, and funders to tackle an idea.

Come learn the value of diverse teams from a panel of professional innovators and network with fellow students and panelists.

RSVP at bit.ly/BITMixer

- **UMSI UX Lab Consultations, [Apply here to be a new client!](#)**



We Want Your Questions

We want you AND your innovation-related questions. They help guide the content of this e-newsletter so that we write about what's most important to you.

If you have an innovation-related question, (general innovation, nursing innovation, funding for innovation or other topics related to innovation) that you'd like us to write about in a future issue, send it to us and look for a private response or a response in an upcoming e-newsletter: amfitz@med.umich.edu



For more information about HiiP or nursing innovation, or to share an innovation announcement or news, contact the UMSN HiiP Team:

Dr. Olga Yakusheva, Director, yakush@med.umich.edu (sabbatical leave 2021-2022)

Dr. Margaret Calarco, Interim Director of HiiP, mcalarco@med.umich.edu

Dr. Michelle Munro-Kramer, Faculty Lead for Student Engagement/Student Ambassadors
mlmunro@umich.edu

Ann Fitzsimons, Portfolio Manager & Engagement Specialist, amfitz@med.umich.edu

Visit our website: <https://nursing.umich.edu/HiiP>

*Comprehensive professional support, propelling healthcare
innovations, advancing health for all*