

## January 2022 Innovation Updates & Events Calendar

### Foreword

Happy New Year!

We've turned another page to 2022. What does this year hold for you? Our hope is at the very least, good health and happiness for you and those you love. At the very most, a year where you let your imagination and light shine in small, and big ways. A friend of HiiP's frequently cites the phrase, "Let's make some magic happen!" and when she says it, you want to do just that. She also makes you believe you can.

So, our wish for you in 2022 is that you find your path to bringing those ideas that you have to life. That you recognize and know they have value and you are confident in the belief that the world needs them now, or soon. So let's work together to create a path forward for them, one small step at a time.

In a world that has been overshadowed with the negativity around COVID, it's time to find the bright spots or to be that bright light for ourselves and others on these innovation journeys. Please know we're excited about what the future holds for you and that we're here to help in whatever you need, whenever you need it. No ask is too big or too small.

This *is* your year to sparkle and we can't wait to see your innovative spirit shine for all to see.

To help ignite that spark in you in this new year of infinite possibilities, some featured highlights from this issue include:

- Several stories on nurses and their innovations finally getting to market;
- Events and opportunities to sharpen your innovation toolkits;
- Innovation funding resources; and
- Student opportunities for design thinking and innovation funding/mentorship to share with your students.

Our best for a magical new year,

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



### U-M Flint Nurse Innovators Make News

Be inspired by 12 nurse innovators from 2021 who stayed the course working on their medical innovations or entrepreneurship initiatives focused on protecting healthcare workers and/or improving patient outcomes.

**BECKER'S  
HEALTHCARE**

Two of the nurses featured in a Becker's Healthcare article are from the U-M Flint Nursing School, Marilyn Filter, PhD, RN and associate professor at the U-M Flint School of Nursing and Lyn Behnke, DNP, and also an associate professor at the nursing school. Marilyn and Lyn also graciously helped coach some of our student teams for the Innovate 4 Change Challenge. Congratulations to them on this recognition!

To read more about their, and the other 11 other nurse innovators', creative efforts in 2021, click [here](#).

### UMSN Research Day 2022: Call for Submissions



The UMSN Research Day Committee is inviting everyone 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.**

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

For more information, visit the Research Day website by clicking [here](#).

## FFMI December Newsletter



Read more about what Fast Forward Medical Innovation is up to in its recent December newsletter, which highlights a host of innovation and entrepreneurial activities they have coming up.

To read more, 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.



**FFMI** *fast***PACE**

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

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

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

## **HiiP HAPPENINGS**

### HiiP's Representation on the ANA's Innovation Advisory Committees



Two of our HiiP team members have been selected to participate in the American Nurse's Association's inaugural Innovation Advisory

Committees. Olga Yakusheva has been invited to be a part of the ANA Innovation Committee of Business, Entrepreneurship, & Intrapreneurship and Ann Fitzsimons will be representing HiiP on the Education and Communication Committee. The goal of these, and the other Advisory Committees being formed by the ANA, is to work to build and lead innovation initiatives for nurses across every aspect of the health care ecosystem.

The seven Innovation Advisory Committees formed by the ANA which are to launch in 1/22 include:

1. Business, Entrepreneurship, & Intrapreneurship
2. Data Science, AI, Augmented Intelligence
3. Education & Communication
4. New Care Delivery Models (Nursing & APRN Models)
5. Planetary & Global Health
6. Policy & Determinants of Health Equity
7. Technology and Devices

To read more about the ANA's initiatives in nursing innovation, click [here](#).

## EXTERNAL INNOVATION EDUCATION & OPPORTUNITIES

We kick off the new year with several updates and resources from J&J and their Innovation Labs. Read on.

### J&J QuickFire Challenge Awardees

J&J launched 16 QuickFire Challenges in 2021 and we know some of you applied to them. We thought it would be helpful (and inspirational) to see which innovations won for these various Challenges. Several of these awardees were from health systems and schools like UMSN. Nurse awardees were definitely included in this mix of winners. We hope to see UMSN nurse innovators in a future list of QuickFire Challenge Awardees. Keep innovating!



To learn more about these J&J QuickFire Challenge Awardees, click [here](#)

### Be Inspired by the 4<sup>th</sup> J&J Nursing Hackathon on Building a Sustainable Workforce of the Future



J&J conducts a NurseHack4Health twice a year now in the Fall and Spring. Their most recent Hackathon was focused on Building a Sustainable Workforce of the Future in response to the immediate need to recruit and retain nurses to the healthcare workforce, especially in the face of the ongoing COVID pandemic.

The weekend long hackathon resulted in the formation of 16 teams, with four Track Stars singled out at the end of the competition. Ideas generated ranged from workforce model apps to ways to improve onboarding of new nurses to addressing nurse burnout, among others.

To learn more about this nurse-focused hackathon and the 4 winners, click [here](#).

### J&J Watch On Demand Webinars

J&J Innovation has hosted a series of webinars in the last year or two that can now be watched on demand. Below are some that may be relevant to innovations we know you are working on:



The Problem Solvers: Nurse Innovators Taking on COVID-19 Patient Care Challenges

To watch this webinar, click [here](#)

Challenge Accepted: Identifying and Advancing Potential Solutions for the Unique Healthcare Needs of Veterans

To watch this webinar, click [here](#)

Digital Therapeutics and the Future of Medicine

To watch this webinar, click [here](#)



Game Changers for Innovating in Maternal Health

To watch this webinar, click [here](#)

Identifying Potential Solutions to Save Mother's Lives in the US

To watch this webinar, click [here](#)

Securing Corporate Partnerships and Collaborations

To watch this webinar, click [here](#)

Clinical Innovation: Making Patient Centricity a Reality

To watch this webinar, click [here](#)

The Invisible Future of Health Monitoring

To register to watch this webinar, click [here](#)

Cracking the Commercialization Code

To watch this webinar, click [here](#)



For a full listing of these J&J Innovation Labs Webinars, click [here](#).

### **Community Conversation for Advancing Equity in Student Innovation & Entrepreneurship**

Join a community conversation, entitled *Mapping Inclusive Pathways to Entrepreneurship*, which takes place **Thursday, January 13 at 1:00 PM Eastern**. This conversation will explore successful ways to represent and support student innovators and entrepreneurs from a broader range of backgrounds, interests, and lived experiences in an interactive online discussion.

For more information or to register, click [here](#)

### **OPEN Conference Online March 15-17, 2022**



Registration for the OPEN Conference where participants can learn more about the trends, leading-edge strategies and some new tools for moving the field of innovation and entrepreneurship forward is now open.

**Register before 2/1/22** to save 50% off the conference rate. Registration is only \$50.00 if you register for the early bird rate.

Click [here](#) to register today.

### 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](#).

## [AARP Purpose Prize Now Open for Applicants](#)

Don't know if this applies to any of you, but thought it worth sharing.



This prize is open to those 50 and older who are founders or co-founders of an organization who have already proved themselves to be entrepreneurs. This award is a national award in the US that “celebrates people 50 and older who are using their life experience to make a difference. Through the Purpose Prize award, AARP celebrates that creativity,

innovation, and inspiration that life experience brings.”

There will be five winners, each whose non-profit organization will receive \$50,000.

**Applications close January 17, 2022 at 5:00 pm.**

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

## [MTRAC Mid-Stage Funding](#)

MTRAC Awards are part of a statewide program that funds the transfer of technologies from Michigan's higher education institutions to the private sector for commercialization. The awards provide translational research funding and resources for proof-of-concept and late-stage translational studies that exhibit a high potential for success commercially.

The awards are co-managed by U-M's Innovation Partnerships (formerly Tech Transfer) and Fast Forward Medical Innovation (FFMI) and fund up to \$250K, but all awards require a cost share from the researcher/institution. The award comes with regulatory guidance, business plan development, and mentorship from industry and investment experts.

A dark blue banner with a yellow border. The text reads: "MTRAC FOR LIFE SCIENCES INNOVATION HUB" in white, "MID-STAGE FUNDING" in large white letters, "DEADLINE JANUARY 7, 2022" in white text on a yellow background, and "APPLY TODAY!" in white letters with a dotted line underneath. At the bottom, there are logos for FASTFORWARD, MICHIGAN ECONOMIC DEVELOPMENT CORPORATION, and INNOVATION PARTNERSHIPS UNIVERSITY OF MICHIGAN.

**Deadline for this year's funding cycle is January 7, 2022.**

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

## [IPE Funding](#)

The University of Michigan Center for Interprofessional Education shares information about funding opportunities of interest. Click [here](#) for the current opportunities.

## STUDENT INNOVATION OPPORTUNITIES & FUNDING

### Join the Center for Socially Engaged Design Innovation in Action 2022 Student Cohort

The Center for Socially Engaged Design is launching its ninth cohort for its Innovation in Action Competition. As part of this cohort, students will be virtually working through modules on topics ranging from an introduction to socially engaged design to prototyping and storytelling and much more. Students will meet once a week as a community to do a check-in, connect about their project, and provide/receive feedback on their project. And if they have an interest to work with other students, they can form a team to develop their/an innovative idea with a chance to earn some prize money.

Information sessions are being held on:

- Thursday, January 6, 2022 from 3:00-4:30 EST; and
- Tuesday, January 11, 2022 from 4:00-5:30 EST

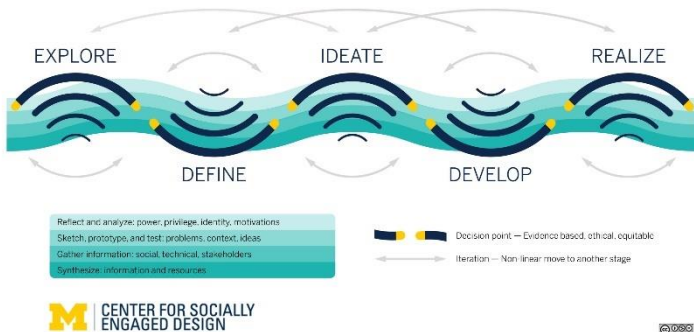


innovation  
in action

To learn more or RSVP for an information session, click [here](#).

Schedule for the weekly topic sessions is [here](#).

### Workshops to Learn about Socially Engaged Design



Do you have students interested in learning the basics of socially engaged design? Whether they're already on an Innovation in Action team or just looking to add to their design toolkit, please have them join CSED! Those interested in participating in Innovation in Action are encouraged to attend one of these workshops, which covers the fundamental process IIA will follow!

- Friday, January 7, 1:00 - 3:00 pm EST – VIRTUAL
- Tuesday, January 11, 10:00 am - 12:00 pm EST – in person, @ C-SED Lounge Room 3360, G.G. Brown
- Wednesday, January 19, 3:00 - 5:00 pm EST – in person, @ C-SED Lounge Room 3360, G.G. Brown

RSVP by emailing [csed.workshops@umich.edu](mailto:csed.workshops@umich.edu)

Learn more about the workshops they offer or [request a workshop for your group here!](#)

### Student Grants/Funding

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:

- Due Jan 12, **Ginsberg Center Community Engagement Local Impact Grants**. [View details and apply here!](#)
- Due Jan 19, **Davis Projects for Peace Application Deadline**. [Learn more and apply here!](#)
- **UMSI UX Lab Consultations**, [Apply here to be a new client!](#)
- Due Jan 21, **Verizon Forward for Good Challenge in partnership with Clinton Global Initiative University**. Learn more about the challenge, deadlines, and application December requirements [here!](#)



## 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](mailto:amfitz@med.umich.edu)



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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](mailto:yakush@med.umich.edu) (sabbatical leave 2021-2022)

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

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