

December 2021 Innovation Updates & Events Calendar

Foreword

As we bring this year to a close, we reflect on all the amazing achievements you, our nurse innovators, have accomplished. It's hard to see sometimes, when you're in the middle of what seems like chaos, but it's out of such messy challenges that beautiful ideas and innovations come. That has been true for so many of you we've worked with this past year. You stayed true to the problem you are trying to solve or the need your idea will fulfill and you stayed the path, even if the path kept shifting and turning. While you're not there yet...you are well on your way and we know the future of healthcare looks brighter because of what you will bloom forth in the year to come.



We also welcomed nursing student innovators for the first time as the result of our inaugural Innovate 4 Change student hackathon and we are delighted with the enthusiasm, passion, and commitment each of our winning student teams brings to move their idea forward. You are learning and growing in leaps and bounds and it's exciting to be a part of this process with you.

*And whether you're a football fan, or not, you couldn't help but celebrate for UM's win over Ohio State this past weekend after 10 years of trying. To quote Jim Harbaugh after the win, "It feels like the best one," Harbaugh said when asked where this win stacks up in his career. "It really does. **We'll continue to do what we do,***

move on with humble hearts. Greatness doesn't fear consequences."

(Photo from WXYZ TV)

Our wish for you in the coming year is to like Harbaugh and this team, dare great and don't fear the consequences as you move your innovations forward with HiiP being with you every step of the way.

To inspire you, some featured highlights from this issue include:

- Many events and opportunities for innovation and entrepreneurship education on and off campus;
- Student and financial resources to help you make progress on your ideas;
- Lots of innovation updates from the U-M ecosystem... and beyond;
- Innovative strategies being developed to help support nurses' mental health and well-being; and
- Student opportunities for innovation and employment in this space.

Wishing you some time to recharge and relax over the coming holidays and Go Blue!,

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

FFMI November Newsletter



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

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

Innovation Studio-December 21st

FFMI is offering virtual office hours on 12/21 for 30-minute consultations between 2:00-3:30 where participants can get individual feedback on:

- Innovation concepts
- Opportunities for commercialization education
- Funding resources
- Other innovation concerns faculty or staff may have

While geared more towards biomedical innovations, they tout this as a resource for life science innovations to gain counsel to help address project needs, challenges or questions, so it's worth signing up.

But hurry, space is limited!

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



Registration is Open for fastPACE



FFMI 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](#).

Students/Courses to Help Complete Work on Your Innovations



Sharing out an email we received from the U-M School of Information on winter courses where student teams could work

on your/an information-based project winter semester.

The [University of Michigan School of Information](#) (UMSI) is inviting individuals/organizations to host a student team to work on an information-based project in the winter semester, January through April 2022 school year. UMSI students provide high impact deliverables for information-related projects for organizations in all industries - corporate, non-profit, governmental, health, education, and research institutions.

We are still accepting projects for the following courses that will occur in January-April 2022. [Complete this brief form](#) **ideally by November 23** to submit a project idea for consideration or to indicate your interest in future collaboration. **(Note: Know the deadline has passed, but if interested, it would be worthwhile to reach out to them to see if they were still accepting them if the course doesn't have a/enough projects.)**

Projects are still being accepted for the following courses:

- [SI 622: Needs Assessment and Usability Evaluation](#) In this course, master's-level graduate students work with clients to evaluate how well the user experience of their product or system meets the needs of its users using specific methods to identify areas where the product or system succeeds, and where it can be better at helping users achieve their goals. (50-60 projects needed)
- [SI 682: Advanced User Research in the Field](#) Master's-level graduate students engage users or potential users through specific user research methods to provide creative and compelling recommendations to a specific user research question articulated by the client. (7-8 projects needed)
- [SI 699: UX Research and Design](#) Master's-level students work on projects that center accessibility and the needs and experiences of people with disabilities or older adults. Students go through the lifecycle of user experience research and design (formative research, design, prototyping based on the research, some evaluation) and communicate the narrative and impact of their project. (6-7 projects needed)



To learn more about the value that School of Information students can provide to your organization, visit umsi.info/clientopportunities.

The soft deadline for [project idea registration](#) is **November 23**, **though we can work with you after this date**. If you are a returning client please let us know and we can discuss sending you the project proposal form directly. Upon completing this form, a member of our team will follow up within a week. If you have any questions please email umsi.client.engagement@umich.edu.

HiiP HAPPENINGS

HiiP Innovation Fellow Graces the Cover of Most Recent Panacea



We were delighted to see the work of Sheria Robinson-Lane, one of our HiiP Innovation Fellows, featured on the cover of the Fall 2021 UMSN Panacea magazine for her important work on messaging strategy and COVID-19 health disparities.

To read more on her research, click [here](#) to download the Panacea issue.

Innovate 4 Change Follow-up

We have been meeting with the winning student teams from the Innovate 4 Change Challenge since the student hackathon finished in late October. It is exciting to see their interest and enthusiasm in wanting to move their ideas forward and we are so pleased to be supporting them in their initiatives.



EXTERNAL INNOVATION EDUCATION & OPPORTUNITIES

Online Education Program for Nurse Innovators, Entrepreneurs and Leaders



This is a virtual program for nurses interested in learning approaches to launching and commercializing new ideas that solve problems in their respective fields sponsored by SONSIEL. The program includes guest speakers who specialize in innovation and start-ups, content from Drexel's entrepreneurship faculty, interactive exercises, participant discussions, and a repository of resources for reference before/during/after the course is over.

The program runs 1/8/22-1/9/22 from 9:00 am-3:00 pm EDT both days and costs \$699 which is fully refundable until 1/5/22.

Register before December 29, 2021.

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

To register, click [here](#).

Update on J&J Nursing Hackathon



Over the weekend of November 5th-7th, J&J held its fourth NurseHack4Health virtual hackathon focused on “Nurses Helping Nurses Build a Sustainable Workforce.”. The event drew 400 people from 40+ countries and 38 states and consisted of hackers, coaches, pitch coaches, mentors, panelists, designers, developers, nurses, nursing students, engineers, and more all passionate about building a sustainable nursing workforce.

Two key highlights, as provided by Lynda Benton, J&J’s Senior Director, Global Community Impact Strategic Initiatives J&J Nursing include:

- Nursing workforce challenges are the same no matter where you live or work; and
- Solutions to building a sustainable nursing workforce are many and the ideas generated stretched from addressing the steep learning curve new nurse graduates face to supporting nurses who had left the workforce to come back via the offer of easy, accessible re-training for retirees, to a whole host of ideas in-between.

Click [here](#) to read a full summary of Lynda Benton’s reflections.

HLTH 2021 Conference Update—Some Innovation Inspiration

J&J created a short video sharing some inspiration from the HLTH 2021 Conference which brought together leaders from across the innovation ecosystem to look at exploring some of the country’s top opportunities with potential to create a new future in healthcare.

Take a few minutes to watch the video and be inspired by clicking [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.

INNOVATION FUNDING OPPORTUNITIES - FACULTY

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 though 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](#).

Michigan Health Endowment Fund – Call for Innovative Projects that Have Measurable Impact on Community Health and Wellness in Michigan

From the RFP on this Grant:

The Community Health Impact Initiative supports health-focused, community-based organizations with bold ideas to address health challenges in any of the Health Fund's focus areas. The goals of the 2022 Community Health Impact initiative are:

- 1. Increase or improve collaboration among providers, service agencies, the business community, and community-based organizations within a community to address health issues in a sustainable way.*
- 2. Provide resources to help empower communities to solve their most pressing health issues and successfully implement health-focused, community driven interventions.*

This year's grant cycle consists of two application tracks that you may choose to apply under: Collaboration Planning or Community-Based Project Implementation.

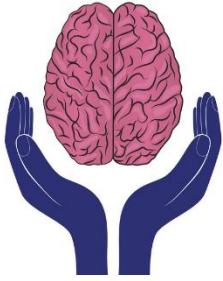
Grant amount: \$100,000 over 1-2 years

Concept Papers due December 7, 2021 at 5:00 pm. Applications due January 25, 2022 at 5:00 pm.

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



Supporting Nurses' Mental Health and Well-Being through Innovative Strategies



J&J conducted a study titled, *Accelerating Nursing, Transforming Healthcare*, in partnership with the ANA and American Organization for Nursing Leadership. The purpose of the study was to assess the professional, individual, and workforce issues leading to a mental health crisis for the country's nursing workforce. The report examines the causes of this mental health strain on nurses as well as outlines recommendations for reducing it and the stigma around it. It highlights what health systems are doing to address this issue and shares some of the innovative strategies being used across the country like songwriting, trauma-informed group sessions, and mindfulness-based practices.

While this e-newsletter is about informing you about news and events around innovation and entrepreneurship, we also recognize the need for you to take care of you in all parts of your life—work and home—and just wanted to share this with you.

To read more about the study and insights, click [here](#).

STUDENT INNOVATION OPPORTUNITIES & FUNDING

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.

Because grant applications can be intimidating for students, VentureWell offers an optional Qualification Phase application whereby student teams can receive personalized feedback and support with their application to help make their proposal stronger.

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



The deadline for this Qualification Phase application is December 15, 2022.

The full Proposal application is due February 2, 2022.

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

Innovation in Action Student 2022 Cohort Forming in January



innovation
in action

The Center for Socially Engaged Design (CSED) is launching its 9th Innovation in Action (liA) student cohort. In January, they'll kick off with weekly modules on topics ranging from an introduction to socially engaged design to prototyping and storytelling.

By way of background, liA's cohort this year was comprised of over 170 students from 17 schools and colleges and they were able to award \$29,000 in prizes to student teams and their innovations.

Please find the current schedule [here](#) for workshops and roundtables.

If you're interested in forming a team to take on the world's biggest challenges in this campus-wide program, [RSVP here](#) to join CSED for an info session:

- Thursday, Dec 2, 2021 — 4:00 pm EST
- Wednesday, Dec 8, 2021 — 11:30 am EST

Questions? Check out their [liA FAQ](#) or schedule Open Hours with [Erin Moore](#) to ask questions or chat about a potential project.

Student Internships in Innovation & Entrepreneurship



The U-M Center for Entrepreneurship Entrepreneurial Practice Programs is seeking two innovative, creative, and detail-oriented undergraduate or graduate students to assist with the ecosystem convening efforts (E+I student meetups, student opportunities tool, etc.). “Ideal” candidates would have participated in the E+I ecosystem in some fashion, but this isn't required. These positions will be working with Emilee Studley, the Entrepreneurial Community Development Manager, and are

ideal for those wanting mentorship and experience with E+I programs.

The two positions available are:

- #1 - [Program Assistant](#) (supports the E+I meetups and other initiatives)
- #2 - [Programmer](#) (winter internship to build new MVP for Student Opportunities Tool)

Contact Emilee Studley at studleem@umich.edu or via phone at 734.763.2906 if interested.

Student Innovation Programming and Events Happening Around Campus

Sharing these out from the newsletter of one of our strategic partners on campus--The Center for Socially Engaged Design.

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



- **UMSI UX Lab Consultations**, [Apply here to be a new client!](#)
- **Register for the +Impact Studio Course**, [learn more about the course here](#) and check out the [syllabus for the Winter '22 course here!](#)
- 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!](#)
- **Pitch Night Mixer** - 12/15 5:00 to 6:30 PM (CFE) - [RSVP 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



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