

## **April 2020 Innovation Updates & Events Calendar**

---

### **Foreword**

Pushing through the unprecedented challenges posed by the COVID19 pandemic requires new approaches, ideas and solutions.

Faced with a steep learning curve, many folks are being extraordinarily creative. UMSN's Healthcare Innovation Impact Program (HiiP) has initiated a "Flatten the Learning Curve" community effort to gather and disseminate your successes, solutions, and ideas so that we can all learn from each other, together.

If you figure out a solution or a work-around - be it in teaching, research, practice, or service - let us know and we will share within our nursing community.

If you have a 'big' idea (improving patient care, access to PPE and other supplies, helping the community, protecting the vulnerable, etc.) but you don't know where to go with it, just let us know. We can help you think about your idea in the context of COVID-related innovation already happening on campus. We can also bring your idea to the innovation group working to facilitate COVID-related innovation between MM and UM.



### **Together, we can flatten the learning curve.**

Know that HiiP is here to help and support you (and/or your innovations) in whatever way possible. This includes:

- Being here as a sounding board if you now find time to think about your innovative ideas that were previously on a back-burner due to other priorities; we can help if you just want someone to brainstorm with on “what’s possible” and “what do I do” to move an idea forward;
- Helping connect you to resources that may help in your grant thinking/formation/development (and that could save you money if we can find free resources you then don't have to include in your grant to develop your product/process/program);
- Assisting you if you have an idea that could help fill a gap or meet a need related to Covid-19—we'd love to help or connect you to the right university resources

managing some of this internally (Note: We're working with one Nursing Innovator in this way on a grass roots efforts to get protective face shields made by community members to meet this ppe shortage—and we are open to helping others). See Olga's call-out to faculty below;

- Or in any other big or small way that we can. If you're not sure what HiiP is or does and how we can support you as a Nurse Innovator, now's a great time to reach out for a chat. We'd love to talk to you about who we are, what we do, and how we can help you.
- Also please see the fellowship and funding opportunities we've identified for you, especially the Hillman grants. This might just be the "seed" money you need to develop that idea or innovation you've been thinking about but didn't know how you'd fund its development.

## HiiP Updates

We would like to let you know about the kinds of things we're working on. Below are snippets of a few of our current activities.



- **Coming soon! HiiP Innovation Webpage.** We continue to work with UMSN's Marketing & Communications Department to create a HiiP Innovation webpage on the UMSN website. It will provide links to innovation and funding resources internal and external to the UM innovation ecosystem. This website will grow and expand as we continue to identify new ways and resources to better serve faculty and students in your innovation endeavors.
- **Student Innovation Ambassadors.** Our UMSN Student Innovation Ambassadors, under the guidance of Michelle Munro-Kramer, have remained committed to finishing their analysis of the Student Innovation Survey results and then comprising a set of student-centric innovation-related recommendations. We are thankful for their dedication to this work and look forward to their keen insights and perspectives on how we can make innovation grow and flourish among our nursing students.
- **Innovation in Nursing Student Experience.** We had started work on trying to gather information from our faculty as to the extent to which innovation and entrepreneurship is already present in our student's academic experience. Using a definition of *innovation* as *discovery AND implementation of new scalable solutions or improvements* to an existing problem or process in healthcare delivery, patient/family experience or outcomes, and nursing. The Covid-19 disruption has paused this work for now given other higher priorities for our faculty, but we hope to restart this after everyone has had time to catch-up with the transition to online learning. We thank you in advance for your support.
- **Nurse Innovator Coaching.** We are continuing to coach our faculty, [HiiP Nurse Innovator Fellows](#), in developing their innovative ideas, market assessment, competitive pricing analysis, prototype design, institutional compliance, and beyond. We keep adding faculty members to our HiiP Fellow Family, but have room for more, so if you have an innovative idea and would like to talk with us about, let us know!

## We Take Questions

Hopefully in our May issue, we will begin to address questions we've received from you and/or that have arisen in conversations we've had with nurse innovators we've been working with, starting with questions around copyrighting, Intellectual Property protection, trademarking, etc.



In the meantime, if you have an innovation-related question, which can be on 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 response in an upcoming e-Newsletter at:**

[yakush@med.umich.edu](mailto:yakush@med.umich.edu)

[amfitz@medumich.edu](mailto:amfitz@medumich.edu)

## Innovation Education

### **(1) Collaborating in Challenging Times In Response to Covid-19**

Interprofessional education and practice provide a foundation that is critically important during crises like a pandemic. The IPI's digest of [COVID-19 interprofessional updates](#) has public health perspectives and updates from the U-M IPE schools. Impressive volunteer efforts include pharmacy students helping compound 500+ bottles of hand sanitizer, and medical students creating the MResponse Corps.

### **(2) Healthcare Startup Accelerator & Other Resources**

Bootcamp Dates Jul 7 - Sep 17

XLerateHealth is now accepting applications to their 12-week Bootcamp program in Flint, MI. They provide support/expertise to young healthcare companies to build out their commercialization strategy, which includes their intersection with payers, providers (hospitals, ACOs, nursing homes, home health and group practices), and customers (employers and/or consumers). ). [Register here](#)

The Bootcamp features an expert [coaching team](#) from a variety of settings, including academia and industry. Supporting XLerateHealth is a world-class group of [mentors](#) from around the United States. The Mentors provide guidance and counsel to companies drawing from their depth of domain experience in the healthcare and business creations.

More than 60 companies have participated in the XLH Bootcamp and used their experience to secure more than \$50 million in follow-on funding. [Check portfolio](#)

Contacts for more information:

[Sebastian Alvim](#), Program Director - [sebastian@xleratehealth.com](mailto:sebastian@xleratehealth.com)

[Mary](#), Development Director - [mary@xleratehealth.com](mailto:mary@xleratehealth.com)

### **(3) Venturewell Virtual Open Conference**

Due to Covid-19, Venturewell's OPEN 2020 transitioned from an annual in-person conference to a virtual live event. According to their website, "the process was an intense, educational, and surprisingly fun experience."

Here's a behind-the-scenes look at this virtual OPEN 2020 conference with additional links within the article on pitches, speeches, etc..

[Read More](#)

**(4) The What/Why/How of a Multi-Disciplinary Approach to Problem-Solving: An Interview with Jonathan Fay, Executive Director at the UM Center for Entrepreneurship**

Jonathan Fay, Executive Director at the Center for Entrepreneurship and Executive Director for the Midwest I-Corps Node led a panel discussion during an OPEN 2019 Conference on how faculty at UM are bringing together multi-disciplinary teams, including engineering, law, business, policy, and environmental students with industry to find opportunities to develop high-value products from captured CO2.

Jonathan was then interviewed by Dorn Caranza, Director of Innovation and Industrial Partnerships at Venturewell about the what, why, and how of convening key stakeholders to solve big problems.

Here's an excerpt from their conversation: [Link to the interview](#)

**Funding Opportunities**

**(1) Gates Foundation Innovations for Improving the Impact of Health Campaigns**

The Gates Foundation Grand Challenges Explorations seeks innovative solutions that accelerate the improvement of coverage, reach, efficiency, and effectiveness of campaign-based delivery of health interventions through improved planning/microplanning and focus on unreached populations.

For information on this grant opportunity: [Click here](#)

Deadline: **April 22, 2020**

To sign up for their newsletter and email updates for their latest opportunities, [Click here](#)

**FROM LAST MONTH:**

***Please note there is still time to apply for these grants!***

**(1) J&J Innovation: Children's QuickFire Challenge**

Visionaries in the fields of pediatric oncology, pediatric surgery, and influenza are invited to submit innovative ideas.

Focus areas: Consumer products, medical devices, Global public health, Health technologies, and Cross-sector initiatives.

Rewards of up to \$150,000 in total grant funding, 1 year of residence at JLABS @ Washington, DC and mentoring by the J&J Family of Companies.

Submission deadline: **April 24, 2020**

Click [here](#) for more information

## **(2) Rita and Alex Hillman Foundation Innovative Nursing-Driven Funding Programs and New RFP's (Innovations in Care Program, Emergent Innovation & Serious Illness and End of Life Innovation Programs)**

The [Rita & Alex Hillman Foundation \(RAHF\)](#) is releasing new Requests for Proposals (RFP); funding will be available through the:

- *Hillman Innovations in Care Program* seeks bold, early stage, or untested interventions that address health challenges faced by vulnerable populations
  - *Two programs:*
    - *Hillman Emergent Innovation (HEI) Program.*
    - *Hillman Serious Illness and End of Life Emergent Innovation (HSEI) Program.*
  - Five one-year grants of \$50,000 each
  - For full details, please click [here](#) for the HEI program and [here](#) for the HSEI program.
  - Letters of intent and preliminary brief proposals will be due on **Monday, April 27, 2020.**

Organizations across the spectrum of care and practitioners with a range of backgrounds (including nurse clinicians, researchers, postdocs, and adjunct faculty) are encouraged to apply.

***Applicants will be supported by HiIP in preparation of the submission.***

## **Innovation-Related Societies and Conferences**

### **(1) ANA Course in Creating an Innovation Culture and Design Thinking**

Two popular nursing innovations now bundled in one packet: Creativity in Nursing and Design Thinking & Why it Matters to Nurses

Both online courses now \$125.00 -- \$112.50 for ANA Members

With these two courses, you'll learn how to highlight creativity in nursing, gaining valuable insights that will build creative capacity. The bundle covers design thinking, with new mindsets, skills and behaviors that create champion problem-solvers.

It's critical baseline knowledge that offers advancement and success for you and your nurses and enhanced focus on innovation for your team.

Order [here](#).

### **(2) Patient Experience Empathy & Innovation Summit (Cleveland Clinic)**

Focus: Conference will focus on exploring honest commentary on what has and hasn't worked in the movement to improve the healthcare experience through empathy and innovation. The annual summit provides a forum for industry leaders around the world to work together to deliver the best clinical, physical and emotional experience to patients and families.

Featured topics include: Access, Technology, Design thinking, Leadership, Quality, Innovation, Burnout, Communication, Improvement, Engagement, Nursing, etc.

When/Where: **May 18-20, 2020/Cleveland, OH**

More information can be found [here](#).

To register, click [here](#).

## Special Opportunities for Students

### **(1) CET University Accelerator Cleantech Program**

Here's a cleantech program that was already planned to take place remotely pre CPVID-19 and is expected to continue as planned. Please share with your students! This may have applicability for our students involved in the Sustainability Task Force.

The **CET University Accelerator** is a business accelerator that supports student entrepreneurs working on impactful cleantech solutions. The program takes place remotely during the summer and culminates in a demo day in the fall, where teams will showcase their businesses to cleantech ecosystem stakeholders and compete for cash prize awards.

**The deadline for students to apply is April 15;** additional program details are available at this link:

<https://www.cleanenergytrust.org/programs/cetuniversityaccelerator/>

### **(2) Venturewell E-Team Grant Opportunity**

Applications for the Summer 2020 **E-Team Grants** are now open. E-Team Grants offer up to \$25,000 in grant funding, sponsored entry into their early-stage innovator training program, networking opportunities, and national exposure for the student team as they work to bring their invention to market.

Try their **Qualification Phase** to vet your innovation and receive custom feedback and tips for strengthening your full Stage 1 proposal. They've extended the Qualification Phase deadline to **April 3**, and the deadline for Stage 1 proposals is May 6. Learn **how to apply** and **start your application** now!

---

For more information about HiiP or nursing innovation, or if you have an innovation announcement or news to share, you can contact the UMSN HiiP Team of:  
Dr. Olga Yakusheva, Director, yakush@med.umich.edu  
Ann Fitzsimons, Portfolio Manager & Engagement Specialist, amfitz@med.umich.edu.