

EXPERIENTIAL LEARNING VIRTUAL INFORMATION SESSION

OCTOBER 12, 2026

MEDICAL TECHNOLOGIES IN GLOBAL PUBLIC HEALTH (SSIM 673)

Kara Palamountain



Becca Kirby



Evanston

- Winter B: Tuesday 6:30-9:30PM
- Spring A: Monday 6:30-9:30PM

Majors/Pathways

- Healthcare Pathway - Product
- Healthcare Pathway - Provider

2026 Phase 1 Bid Stats

- N/A - application only (no bid points required!)

Links

- [TCE](#)
- [Syllabus](#)
- [Application](#)
(click "Course Applications")

Notes

- Admittance to course by application only
- The application deadline is October 28 by 11:59pm CT
- Course may not be dropped after Friday, 11/20/2026

Summary

Are you curious about global health and eager to make an impact? Are you interested in conducting user-centered market research to inform the design of medical technologies in low- and middle-income countries? Do you want to help shape the commercialization strategy for a medical device? This Experiential Learning course provides students the unique opportunity to 1) gain a holistic understanding of global health through interactive case studies and prominent guest lecturers and 2) inform the design and launch of medical technologies for low- and middle- income countries by conducting market research. This year, the class projects will be focused on diagnostic platforms and testing for infectious disease. Students will be attending the annual conference for [The Center for Innovation in Point-of-Care Technologies for HIV/AIDS and Emerging Infectious Diseases at Northwestern University \(C-THAN\)](#). Students will also spend Spring Break (March 16 – 26) traveling to **Cape Town, South Africa**. Students are responsible for their own travel costs. All students enrolled will be offered a \$1,000 scholarship to subsidize the cost.

For more information see here: [2026 video](#), [course overview](#), [student podcast](#), [2023 video](#), [2024 video](#). For questions reach out to becca.kirby@kellogg.northwestern.edu or k-palamountain@kellogg.northwestern.edu

Healthcare Background Required?

- No

Prerequisites

- N/A

MEDICAL TECHNOLOGY ENTREPRENEURSHIP

- MEDTECH FINANCING AND COMMERCIALIZATION

Katie Arnold



Evan Norton



Evanston

- Fridays 1:30PM – 4:30PM

Majors/Pathways

- Healthcare Pathway - Product
- Healthcare Pathway - Provider
- Entrepreneurship Pathway

2026 Phase 1 Bid Stats

- Section 41: 0 points
- Maximum 32 seats

References

- [TCE](#)
- [BidStats](#)
- Syllabus

Notes

- Professors have placed students in internships, full-time positions and Venture Lab opportunities
- Class is comprised of students from Kellogg, McCormick, Feinberg and other qualified NU master-level schools
- Previously known as KIEI-611-0

Summary

The central focus of the class is to identify and create a roadmap for the critical business decisions facing early-stage companies and founders. This **experiential course** guides students through the **commercialization and fundraising processes for pre-commercial medical technologies**, including medical devices, diagnostics, wearables, services and AI. It is ideal for those interested in entrepreneurship, startups, product design, early-stage financing, and healthcare marketing.

Interdisciplinary teams of three to four students, matched by skills and interests, collaborate with Northwestern tech transfer companies curated by INVO (Innovation and New Ventures Office) and mHub. After ranking project preferences on the first day, students are paired with companies to develop comprehensive investor pitch decks. The course integrates faculty lectures, guest speakers, and mentorship from industry experts.

The quarter culminates with **teams pitching their startups to a panel of industry leaders**. This course has produced companies that have competed in and won business plan competitions and facilitated the commercialization of technologies now FDA-cleared and on the market or acquired by major medical manufacturers.

Healthcare Background Required?

- No

Prerequisites

- N/A
- Consider any potential Deep Dive conflicts in advance

SSIM 945 - INVESTING FOR COMMUNITY IMPACT – ALL NEW IN 2027

Megan Kashner '03



Director of Social Impact & Sustainability, Kellogg
Professor

Allison Clark '97



Assoc Dir of Impact Investments, MacArthur
Professor

Devin Rapson '22



VP of Enterprise Intelligence, IFF
T.A.

Headlines

- **Work with the leadership team for a community economic development project in the Chicago area.**
- **Develop two cases for support - one for impact and one for mainstream investors.**
- **Present recommendations to the Investment Committee for Kellogg's Community Development Investment Fund.**

The Class

Interested in community economic development? Impact investing? Want to inform early investments from Kellogg's student-driven impact investment fund?

This class will introduce students to community economic development in the greater Chicagoland area through cases, speakers, and experiential engagement.

Students will learn about the process behind multi-million-dollar community development projects and engage directly to help concept-stage projects become reality and attract planning and development capital.

Kellogg's Community Impact Investment Fund

Kellogg has raised an investment fund specifically for this class and this lens.

Students will present their assessment of their project opportunity to the Kellogg Community Impact Fund Investment Committee and propose (or counsel against) a real pre-development loan for the project.

Virtual Info Session

Oct 14, 5:15pm

bit.ly/4hHGc2z



Application

Apply by the priority deadline Oct 26th for a decision before bidding begins. Application closes Oct 30th.

Class Sessions

- In-person class Mondays in Evanston
- 6:30pm to 9:30pm
- Some virtual seats available
- One field trip to a community development projects in Chicago

APPLIED AI LAB (AIML-972-0)

Benjamin Grant



Pablo Landa



Evanston

- Mon/Thu 1:30PM – 3:00PM
- 10 weeks, 1.0 credit

Majors/Pathways

- AI and Analytics Pathway (experiential course)

Bidding

- Not for bidding: application-based class with manual enrollment

Links

- [Application](#)
- [Course Catalog](#)

Notes

- Previous partners include Hyatt, Statista, and Klue
- Students will leave having built and shipped an AI product for a company
- Teams of 3 to 4; every student builds AI tools
- About 7–9 hours of total course work per week

Summary

The Applied AI Lab is a 10-week experiential course in which students work in small cross-functional teams to scope, build and ship an AI product for a company partner, ideally one the partner keeps using after the quarter ends.

The quarter has three stages: making the problem clear, building and proving the solution, and making it something the company can run. Teams diagnose the problem and decide whether an AI solution should be built at all, test the product in the partner's environment, and hand it off with the documentation and operating plan the partner needs.

Class sessions cover transferable frameworks, such as process mapping, problem definition, product evaluation and stakeholder management, and include time to build and get feedback. Each team presents its product, evidence and recommended next steps to the class and its partner at the end of the quarter.

Application Required?

- Yes. Closes Tue, Oct 27 at 11:59PM CT

Prerequisites

- None

NUVENTION: MEDICAL INNOVATION

Andrew Cittadine



Serial med-tech founder & CEO
COO, Monopar Therapeutics

Co-Faculty

Feinberg

David Kalainov · Tyler Wanke
Luke Neill

McCormick

Lilli Zakarija · Ed Acuna

Evanston

- Winter Quarter (Jan–Mar)
- Wednesdays 6–9PM
- Kellogg Global Hub

Majors/Pathways

- Healthcare Pathway – Experiential
- Kellogg HCAK-615/616
- Next: NUvention: Launch (Spring)

At a Glance

- ~48 students
- Teams of ~8, 2 per school
- **Apply by Nov 4**

Links

- [Course](#)
- [Apply](#)
- [Contact](#)

Summary

Ever watched a clinician wrestle with a clumsy device and thought, “There has to be a better way”? What if you built it?

Curious how a sketch on a napkin becomes an FDA-cleared product that investors will fund?

Built on the BioDesign process, NUvention: Medical puts MBA, engineering, medical, and law students on one team. You uncover the unmet need yourself (no one hands it to you), then design the solution and the business to deliver it.

Every week brings a live guest-entrepreneur pitch and an expert panel. Between classes you’ll shadow clinicians, run stakeholder interviews, build prototypes, map FDA, IP, and reimbursement strategy, and visit an accelerator, then pitch your company to medtech experts and investors.

It works: Hubly Surgical went from this classroom to an FDA-cleared device on the market, and Blue Comet Medical and Zuri Fertility won pitch-competition prizes. **Will your team be next?**

Alumni Spotlight Hubly Surgical

- Started as a NUvention: Medical team in 2017
- Built a guided cranial access drill for neurosurgery
- **Now FDA-cleared and on the market**

“NUvention: Medical is the entire reason our cranial drill startup exists.”

– Casey Grage, Founder & CEO

Healthcare Background Required?

- **No – just curiosity**

Prerequisites

- **None – application required**

ENTR 958: COMMERCIALIZING INNOVATIONS

James Conley



Katherine Otway



Evanston

- Tuesdays 8:30 – 1130AM

Summary

Success for new technology is driven by the ability of a business to create and capture value through Innovation – from product innovation to business model innovation. This experiential course, conducted in partnership with the Querrey InQbation Lab, offers students a chance to put innovation to work by developing commercial opportunities for new, unique Northwestern University technologies, innovations and inventions. The course will be most beneficial to students with an interest in starting a business, entrepreneurship, business design, business strategy consulting and commercialization. The object of this course is to support the researchers in determining commercial viability as they work towards potential commercial launch.

Attend an Info Session on Tuesday, October 20, 12:15-1:15pm to learn more about the class and the projects that students will be working with during winter quarter.



Majors/Pathways

- Entrepreneurship Pathway

Prerequisites

- N/A

Applications

- Available via BidReg
- Deadline: 10/25, 11:15pm CT