

University of Illinois Partnership

An OSF Partnership Case Study

THE OPPORTUNITY

In 2013, Jump Trading Simulation & Education Center opened its doors, thanks in part to a \$25 million donation and a partnership between OSF HealthCare and the University of Illinois College of Medicine Peoria (UICOMP). The center's relationship with the U of I system expanded in 2014 with the creation of an endowment that funds innovative projects between OSF HealthCare clinicians and engineers at the Urbana-Champaign campus. When OSF Innovation launched in 2016, there was an even larger opportunity to tap into the top-ranked university's resources.

THE SOLUTION

OSF Innovation was created to embrace change and take on the most difficult challenges in health care. As part of this effort, it partners with external incubators, accelerators and corporations to discover technology, products and services that can meet the needs of the organization. Valuing fresh perspectives from the academic community as well, the multidisciplinary group sought to leverage the U of I partnership further in new and different ways.

THE IMPACT

OSF Innovation now works with the University of Illinois Chicago's (UIC) Biomedical Visualization graduate program to develop new solutions in clinical education and research development. The group welcomes interns from throughout the U of I system to work on different projects annually. OSF HealthCare, in 2018, became the first corporate partner in Discovery Partners Institute, a new Chicago facility led by the U of I, that's expected to play a significant role in the future of health care. And OSF is partnering with the system and others to develop a Peoria Innovation Hub that's expected to drive innovation along with economic and workforce development across the state.



Dr. Sarah de Ramirez, Vice President and Chief Medical Officer of Clinical Innovation, discusses the most difficult challenges facing health care with students at UIC.



OSF Innovation leaders and staff give feedback to UIC students working on health care solutions.

OSF PARTNERSHIPS

OSF Innovation Partnerships works to find solutions that will improve patient outcomes, enhance patient experience and reduce the cost of health care. We seek to discover technology, products and services that can transform health care.

OSF INNOVATION

Launched in 2016, OSF Innovation is the overall umbrella initiative for the planning, structure, goals and services OSF HealthCare uses to innovate for the improvement and transformation of health care.

U OF I SYSTEM

The University of Illinois System is a world leader in research and discovery, and the largest educational institution in the state. The U of I System awards more than 22,000 undergraduate, graduate and professional degrees annually.

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THE BEGINNING OF A BEAUTIFUL FRIENDSHIP

In 2013, Jump Trading Simulation & Education Center opened its doors, thanks in part to a \$25 million donation and a partnership between OSF HealthCare and the University of Illinois College of Medicine Peoria (UICOMP). The idea was to improve outcomes and lower health care costs through innovative simulation training that begins in the early years of medical school. The partnership has proved valuable with the development of a variety of simulation events that are making a positive impact on training and health care delivery.

The center's relationship with the U of I system expanded in 2014 with the creation of the Jump Applied Research for Community Health through Engineering and Simulation or Jump ARCHES endowment program. The \$62.5 million fund provides grants to OSF HealthCare clinicians and engineers from the Urbana-Champaign campus to develop new tools, devices or processes to enhance clinical outcomes as well as simulation and education.

With the launch of OSF Innovation, there was an even larger opportunity to tap into the top-ranked university's resources.

TAKING THE PARTNERSHIP A STEP FURTHER

OSF HealthCare implemented the OSF Innovation agenda in 2016 to help the organization embrace change and take on the most difficult challenges in health care. That year, OSF Innovation opened within Jump where multidisciplinary teams collaborate to generate ideas, problem-solve and create solutions around advancing simulation, making the aging feel ageless, building a path for those off the beaten path and empowering those who feel powerless.

As part of these efforts, OSF Innovation partners with external incubators, accelerators and corporations to discover technology, products and services that could meet the needs of OSF HealthCare. Expanding its external partnerships to include academia was an easy choice considering the well-developed relationship with the U of I System.

Known as a leader in academic research and having internationally connected faculty, the university could help OSF HealthCare not only advance innovation but stay up-to-date on cutting edge developments through research capabilities and knowledge base.

“OSF HealthCare is committed to doing its part to help design a better future. Core to our Mission, we understand the value of fresh perspectives and seek to work with innovators outside our walls to maximize solutions that bring value to our patients and communities.”

—MICHELLE CONGER, CHIEF STRATEGY OFFICER
FOR OSF HEALTHCARE

PARTNERS IN INNOVATION

The relationship with U of I has evolved over the years to include all three campuses of the system. OSF Innovation welcomes interns from throughout the system to work on various projects. It also has a formal agreement in place with the University of Illinois Chicago's Biomedical Visualization graduate program. As part of this effort, UIC graduate students help the Jump Medical Visualization (MedVis) team develop projects to enhance clinical education and research development, including the creation of interactive mobile applications with augmented reality.

OSF HealthCare, in 2018, became the first corporate partner in Discovery Partners Institute (DPI), a new research and education center in Chicago led by the U of I that will work with industry and government to tackle real-world challenges. As part of the partnership, DPI classes are already working with the Complex Solutions Innovation team, a part of OSF Innovation, to address key questions around serving the poor, rural, and elderly patient populations in Illinois.

The latest announcement is a partnership with the U of I and others to develop a Peoria Innovation Hub that's part of the Illinois Innovation Network (IIN), a statewide initiative led by the U of I System to drive innovation along with economic and workforce development across the state. The Peoria Hub is charged with finding solutions to improve the wellness of underserved populations, and advance systems related to food, farming, and transportation — specifically autonomous mobility.

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