



**PRESS RELEASE**

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**Accelerating Medical Innovation to Save Lives:  
Jacobs Institute Launches its Idea to Reality Center**

BUFFALO, N.Y., March 28, 2018—The Jacobs Institute (JI) today announced the launch of its i2R, or Idea to Reality Center, a vascular medical device proof-of-concept center, that will bring life-saving interventions to market sooner. The JI also announced its partners that will assist in navigating the regulatory path, engineering medical devices, and providing data analytics expertise. The i2R's first two projects were revealed, showcasing a medical simulation collaboration project with Moog Inc. and an innovative medical device with Silicon Valley-based company, Spinnaker.

Jl's Chief Executive Officer, Bill Maggio, said, "In keeping with *The Future of Medicine* book, the JI is launching its i2R, to accelerate future innovations in the treatment of stroke and heart attack, which are devastating the WNY community at rates higher than both the New York state and national average." Maggio added, "One of our goals is to spin out start-ups from the i2R and encourage them to stay and create jobs right here in Buffalo. There is a reason why Buffalo has raised its visibility as a desirable destination for start-ups. The JI plans to leverage that reputation and the entrepreneurial ecosystem."

**ANNOUNCING CORPORATE PARTNERSHIPS**

Jl's i2R partners NAMSA, Naglireiter, and local company, CUBRC, will assist in navigating the federal regulatory pathway for medical device approval, providing medical device engineering experience, and data analytics expertise critical for product testing, respectively. "The possibilities for vascular device development in the i2R, is now limitless. We have the right corporate partners, the right projects, and the right people, at the right time. The i2R streamlines and accelerates a challenging process, thereby bringing life-saving vascular devices to reality more easily," said L. Nelson Hopkins, MD, chief scientific officer.

**ANNOUNCING FIRST PROJECTS WITH MOOG, INC. AND SPINNAKER**

Jl is expanding into novel, innovative ventures in the medical space. Buffalo-based Moog Inc. will support these collaboration efforts with currently designed medical simulators for dental and eye surgery simulation situated at the JI. They will provide exposure to the broader medical community where brainstorming and feedback on the technologies can be used for enabling new medical products and services. Additionally, the i2R is fortunate to partner with Spinnaker and work with top minds in vascular medical device innovation. "We are eager to collaborate and create life-changing technology with Moog Inc. and Spinnaker," said Adnan H. Siddiqui, MD, JI chief medical officer.

The JI is grateful for the support of Empire State Development, numerous WNY foundations, and our generous donors to make this day possible.

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### **About the Jacobs Institute**

The Jacobs Institute is a non-profit organization whose mission is to accelerate the development of next-generation technologies in vascular medicine through collisions of physicians, engineers, entrepreneurs, and industry. The JI's vision is to improve the treatment of vascular disease in Western New York and the world, while fostering local economic development. The JI fosters medical collaboration and innovation through partnerships with the University at Buffalo (UB), Kaleida Health, and industry, to be a fitting tribute to the work and memory of Lawrence D. Jacobs, M.D.

To learn more about the Jacobs Institute, please visit our website at: <https://jacobsinstitute.org>. For more about the i2R visit <http://www.idea2reality.org> and watch a whiteboard video explaining our process <https://www.youtube.com/watch?v=Y5m0-zArSA4>. The Future of Medicine, released by the JI, can be found here <http://futureof.org/medicine-1-0/>.

### **About NAMSA**

NAMSA is a leading contract research organization (CRO), and the world's only medical research organization (MRO), providing expert regulatory, laboratory, clinical, and compliance services to medical device and healthcare product manufacturers. At every stage of the product development process, NAMSA provides strategic guidance and tactical support to help clients commercialize medical products in the major markets of the world. To learn more visit: <https://www.namsa.com/about-us/>

### **About Naglreiter**

Naglreiter Medical Device Development Organization (MDDO) is a trusted partner for concept incubation, design, development and manufacturing engineering services within the Medtech industry. Naglreiter prides itself on providing world-class services and employing a uniquely flexible business model to do so. Based in the Ft. Lauderdale area in Miramar, Florida, Naglreiter partners with medical device companies in the U.S. and abroad. To learn more visit: <http://nmddo.com/about-us/#sthash.yxYyYK48.dpbs>

### **About Moog Inc.**

Moog Inc. is a worldwide designer, manufacturer, and integrator of precision control components and systems. Moog's high-performance systems control aircraft, aerospace vehicles, satellite and space vehicles, automated industrial machinery, marine and medical equipment. To learn more visit: <http://www.moog.com>

### **About CUBRC**

CUBRC, Inc. is an independent not-for-profit research and development company specializing in the areas of chemical, biological and medical defense, data science and information fusion and aeronautics. CUBRC serves as prime contractor and systems integrator for the US Government, to help solve some of the most critical and challenging problems facing our Defense, Intelligence, and Homeland Security communities. To learn more visit: <https://www.cubrc.org>

### **About Spinnaker**

Spinnaker is an innovative medical device company focused on preventing problems created by emboli during vascular procedures.