

## Northwestern's Products Reach Market Milestones



**Nanosphere FDA Approval.** Northwestern spinout, Nanosphere, is a leader in the development and commercialization of advanced molecular diagnostics systems. They announced this summer that the US Food and Drug Administration has granted a *de novo* petition permitting marketing of its Gram-Positive Blood Culture Nucleic Acid Test (BC-GP) on the automated sample-to-result Verigene® System. The BC-GP test notably expands Nanosphere's infectious disease test capabilities to include fast detection of bacteria that can cause deadly bloodstream infections.



**Successful Clinical Trials for Naurex.** The Northwestern startup, Naurex, had successful clinical trials and initiated Phase II for its product GLYX-13 in June. GLYX-13 is initially being developed as a therapy for patients who are not achieving an adequate response to their current antidepressant agents.

## Startup Summer Fundraising



Nanosphere  
\$26.9 Million  
Public Offering of  
Common Stock  
Chad Mirkin, PhD



QuesTek Innovations

Greg Olson, PhD



Narrative Science

Kris Hammond, PhD  
& Larry Birnbaum, PhD



Tactic Pharma, LLC

Tactic Pharma

Andrew Mazar, PhD  
& Thomas O'Halloran, PhD

\$13.7M Total Private Company Funding

## Summer Recognition of NU Student Startups



**SafeSnips™** won the Tech Week Launch Competition on June 26.



In June, **NuMat Technologies** received \$1.5 million in funding to design, synthesize, and test high-performance materials that can store clean fuels and be produced on a large scale for industry.



**SwipeSense** won "100 Day Innovation Award" at Health 2.0 Boston on August 26.

## Not all NU students left campus for the summer...



INVO's Marketing Manager, **Sonia Kim**, organized and oversaw a new summer fellowship for Northwestern graduate students. INVO hosted eight graduate students from Kellogg School of Management, McCormick School of Engineering and Applied Sciences, Northwestern Law School, and Feinberg School of Medicine who stayed on campus to work on various facets of entrepreneurship. Once they completed their intense training sessions taught by VCs, Industry Executives, NU faculty, and INVO staff, the Innovation-2-

Commercialization (I2C) Fellows worked on an assortment of projects based on NU technologies from McCormick, Weinberg, and Feinberg. Projects included evaluating inventions for patentability and marketability, developing commercial strategies for NU startups, and analyzing the market for the expansion of a Northwestern startup in a new sector. Their 10-week fellowship culminated with a Presentation Day on August 14.

## Faculty Startups Formed over the Summer

### Pioneer BioSolutions

*Lonnie Shea, McCormick School of Engineering and Applied Science, Department of Biomedical Engineering*

Pioneer identifies and builds pipelines of unique products that address large unmet medical needs with reasonably clear regulatory pathways to commercialization. The products are intended to be disruptive, groundbreaking technologies that approach the unmet medical need from a unique perspective.

### Advanced Suture

*Gregory Dumanian, Feinberg School of Medicine*

Advanced Suture has developed an "integrated" suture designed to facilitate and allow tissue to integrate and grow into the suture itself. Such properties provide advantages over standard sutures. These advantages include improved tensile strength, reduced suture pull-through, reduced wound dehiscence, reduced incidence of foreign body infection, and improved healing.

### Sartash

*Jonathan Leis, Feinberg School of Medicine*

Sartash is developing a new class of antiviral drugs that targets infections by enveloped viruses. These drugs function to both inhibit progression of viral infections and maximize the natural immune system's infection fighting response.

## New Summer Agreements by INVO

including... **7**  
**Integrated Technology Devices**  
**CEVA Japan**  
**EMD Millipore Corporation**  
**Intellect Neurosciences Inc.**  
**& 3 biotech companies**

## Summer Student Workshops

McCormick and INVO's Entrepreneur-in-Residence, **Mike Janse**, created a forum to teach Commercialization to graduate students and post-docs. He covered topics for those interested in working in a startup, forming a company at NU, or learning more about the resources available for NU entrepreneurs.