Institute for the Global Entrepreneur

2019

IGE SHOWCASE

November 1, 2019
4:00 PM - 6:30 PM
Atkinson Hall Auditorium
Welcome to the 2019 IGE Showcase!

The Institute for the Global Entrepreneur (IGE) is fostering an environment where UC San Diego faculty and student entrepreneurs can flourish and create paths for innovation to enter the market - solving critical problems and improving lives.

Entrepreneur DNA - UC San Diego has a great track record of entrepreneurship. Our faculty, students, and alums have demonstrated the Passion, Leadership, and Commitment to create successful companies and bring impactful products to market.

Path to Success - Our goal is to accelerate that process by providing the mentorship, resources, and funding through collaborations with partners on campus and in the community to help UC San Diego founders find their path to success.

Investor Panel Participants

Rohini Chakravarthy, NGP Capital

Dave Schwab, Vertical Venture Partners

Dean Rosenberg, Tech Coast Angels

Rohini is a partner at NGP Capital and her focus is on investments in the Intelligent Enterprise area.

Dave is co-founder and managing partner for Vertical Venture Partners.

Dean is the President of Tech Coast Angels and an investor, advisor, and mentor to early stage companies.
Showcase Agenda
4:00 PM - 6:30 PM

4:00 PM - 4:30 PM - Registration, Networking and Showcase Tabling

4:30 PM - Program Begins
- Chancellor's Welcome - Pradeep Khosla
- IGE Director's Remarks
  - Sujit Dey - IGE Director
- Announcement - Shah Fellowship
  - Vish Krishnan - IGE Associate Director
- Announcement - 2020 Medtech Accelerator
  - Dennis Abremski - Executive Director, IGE
  - Gary Firestein - Director, ACTRI
  - Debbie Chen - Founder & CEO, Hydrostasis
- Panel - Investing in University Innovation
  - Dave Schwab - Partner, Vertical Venture Partners
  - Dean Rosenberg - President, Tech Coast Angels
  - Rohini Chakravarthy - Partner, NGP Capital
- Announcement - Founders' Fund
  - Peter Ellsworth - The Legler Benbough Foundation
- Introduction to Showcase - Dennis Abremski, Exec. Director IGE

5:20 PM - Reception and Showcase

6:30 PM - Event Concludes*

*last shuttle ride to the Hopkins Garage leaves at 6:45 PM
MedTech/BioTech

ARC Endoscopy

ARC Endoscopy is bringing low-cost, flexible endoscopic robotic instruments to clinics and outpatient procedures so that doctors have the dexterity and precision of robotics at their disposal in any routine procedure, without the cost, personnel and facilities needed for today’s robotic systems.
Contact: Michael Yip (yip@ucsd.edu)

CARI Therapeutics intends to transform opioid use disorder (OUD) treatment with a bio-sensor based continuous monitoring system that reduces relapse rates and saves lives.
Contact: Patrik Schmidle (patrik@caritherapeutics.com)
https://caritherapeutics.com

The Esophageal Deflection Device has been designed to assist in cardiac ablation surgeries.
Contact: Karcher Morris (k6morris@eng.ucsd.edu)

Rapid, microbial screening platform to enable timely targeted treatment for newborns suspected of infections.
Contact: Dr. Mridu Sinha (mridu@melio.tech)

Magnes Medical

MRI as a radiation free imaging modality with superior soft tissue visualization has become attractive for guidance of interventional heart procedures which have traditionally been performed under X-ray with metallic devices. We developed a proprietary nanocomposite coating to make already commercially available interventional cardiology tools, such as guidewires, MRI safe and visible.
Contact: Sanjeet Hegde (shegde@rchsd.org)

Hydrostasis™ is developing solutions to monitor hydration levels in real-time using Diffuse Near-Infrared Spectroscopy. This Personalized Hydration Index™, provides data critical to the vast network of healthcare providers, as well as coaches and trainers supporting thousands of elite athletes in the quest for ultimate performance.
Contact: Debbie Chen (dchen@hydrostasis.com)
https://hydrostasis.com/
MedTech/BioTech

Navega Therapeutics is a preclinical stage company pursuing a radically different approach to treat chronic pain and tackle the opioid epidemic with gene therapy that is non-addictive, highly specific, and long-lasting.
Contact: Ana Moreno (ana@navegatx.com)
https://navegatx.com/en

NeuraLace is leveraging exponential technology for Axon Therapy, a non-invasive platform for chronic nerve pain relief. By providing sustainable pain relief for multiple neuropathic conditions, Axon is more effective than opioids. Utilizing robotics, computer vision and machine learning NeuraLace is able to augment physician intuition and work towards democratizing neuropathic pain management.
Contact: Jaime Thomas (Jaime@NeuraLaceMedical.com)
http://www.neuralacemedical.com/

SciScore is an AI-based tool that checks to ensure major reproducibility metrics for scientific literature are present and suggest to authors where gaps are, working with them to improve reporting in the biomedical literature.
Contact: Anita Bandrowski (anita@scicrunch.com)
https://sciscore.com

Partners

Blue Linc connects brilliant graduate students with engineering, medical, business, and design backgrounds to propel advances in healthcare.
Contact: Varun Govil (vagovil@eng.ucsd.edu)
http://bluelinc.ucsd.edu/

NAMSA is a Medical Research Organization (MRO), accelerating product development through integrated laboratory, clinical and consulting services. Driven by our regulatory expertise, NAMSA's MRO® Approach plays an important role in translational research to move client’s products through the development process, and continue to provide support through commercialization to post-market requirements, anywhere in the world.
https://www.namsa.com/
Energy/BlueTech/Sustainability

ARC provides additive engineering and manufacturing services to the aerospace and defense industries. ARC's goal is to accelerate the adoption of metal 3D printing.
Contact: Ryan Fishel (ryan@arc-engines.com)
https://arc-engines.com/

Ateios is developing a platform technology for manufacturing highly customizable and flexible batteries that can be integrated into electronics manufacturing. This technology can be enabled in flexible electronics such as Internet-of-Things (IoT) devices, and medical/fitness-based wearable patches.
Contact: Carlos Munoz (cmunoz@ateios.com)
http://ateios.com

Craitor is designing a rugged, portable 3D printer for manufacturing precision parts and tools in the field. Craitor has been designed with assistance from the U.S. Marine Corps and the U.S. Navy for use by soldiers in the field.
Contact: Eric Shnell (eshnell@ucsd.edu)
http://craitor.com

Air-Energy Ocean Nexus (AEON) is a novel modular mechanical system that can convert kinetic ocean wave energy to compressed air for power generation and energy storage.
Contact: Jack Pan (jack@oceanmotion.tech)
https://www.oceanmotion.tech

TwentyFifty Fork addresses the global plastic pollution problem by creating the first 100% backyard compostable utensils. Made only of natural grain flours and water, the product's innovation lies in the use of aerospace-inspired mold and manufacturing technology.
Contact: Albert Liu (albert.liu@therhizome.com)
https://www.twentyfiftyfork.com

TyFast Li-Ion battery reduces the charge time of a battery to 6 minutes without compromising the energy of the cell while also increasing battery life.
Contact: Haodong Liu (hal055@eng.ucsd.edu)
**EdTech**

Research shows that spatial visualization training can increase GPA and graduation rates for math and science majors. eGrove has developed the Spatial Vis app for phone and tablet touchscreens which provides personalized feedback and motivates students to persist until an assignment is solved.  
Contact: Nate Delson (ndelson@ucsd.edu)  
https://egrove.education/

Educational Vision Technologies (EVT) utilizes artificial intelligence to autonomously create note taking from a traditional auditorium lecture and generates an enhanced video indexed by the notes. It then populates an online platform which students can use to learn more in a shorter amount of time.  
Contact: Monal Parmar (parmar@evt.ai)  
https://evt.ai/

**Global Innovation Companies**

CD PRIME: Early Cancer Diagnosis with the Simultaneous Application of Liquid Biopsy and Multi-Omics. GENOSYSTEM: It is a custom genetic testing solution and a turn-key approach for clients who plan to pursue genetic testing business.  
Contact: Jeffrey Kim (jeffskim@clinomics.com)  
http://clinomics.com/en/main

Mollisen HAND is the world’s first soft sensor glove built with revolutionary liquid metal printing technology. The texture and stretchability of the gloves’ soft sensors make it possible to accurately measure the fine joint movement in users’ natural movement. The Mollisen HAND wearable system can be used for the applications such as VR user interfaces, gaming, detailed simulation, and rehabilitation.  
Contact: Joonbum Bae (jbbae@ftsame.com)  
https://ftsame.com/

Offering a low-cost, semi-permanent electro-magnetic wave based implantable glucose sensor for CGMS.  
Contact: Franklin Bien (franklin.bien@gmail.com)  
http://www.sb-solutions.co.kr
The Institute for the Global Entrepreneur is a collaboration between the UC San Diego Jacobs School of Engineering and Rady School of Management. It is dedicated to training global technology leaders and translating university discoveries to the marketplace.

**Programs**

**Entrepreneurial Training and Education**
IGE hosts one of the most active NSF I-Corps sites for training engineers and science innovators in the lean startup and customer discovery methodology. Our Technology Certificate program pairs engineers with Rady School of Management MBA's and allows them to earn a Mini-MBA from the Rady School of Management.

**Leadership**
Through the Gordon Leadership Center, engineers get hands-on leadership training, team building, and project management skills.

**Acceleration**
IGE's Path-to-Market platform includes proof-of-concept funding and business mentoring.

**Global Entrepreneur Accelerator (GEA)**
IGE provides customized entrepreneurism and innovation training for a number of global, strategic university partners in Asia. In addition, our GEA program works with international companies that want to accelerate their entry into the U.S. market.

**Venture Partner Program**
Our venture partners actively invest in early-stage companies and value the UC San Diego pipeline of innovation and technologies.

Our Venture Partners