UC San Diego

INSTITUTE FOR THE GLOBAL ENTREPRENEUR

2023 IGE SHOWCASE

Digital Brochure

November 15, 2022
4:30 PM to 7:30 PM
Atkinson Hall

UC San Diego
INSTITUTE FOR THE GLOBAL ENTREPRENEUR

Directors' Welcome

Sujit Dey,
IGE Director

Dennis Abremski,
IGE Exec. Director

Amy Nguyen-Chyung
IGE Director

Welcome to the Fall 2023 IGE Showcase!

This is when we focus the spotlight on our startups and make them the stars of the show.

This past year, UC San Diego made history by funding a convertible note for $250,000, its first direct investment in one of IGE's MedTech Accelerator companies, LIMBER Prosthetics and Orthotics.

For 2024 and beyond – UC San Diego, IGE, and its partners have laid the groundwork to expand our entrepreneurial influence globally, resulting in more programs and grand challenges with significant global impact.

Tonight, the startups in this showcase clearly represent the growing influence we are now having on the world stage.

On behalf of IGE, I thank you for participating in this event.

Dennis Abremski
Executive Director
Institute for the Global Entrepreneur

UC San Diego
INSTITUTE FOR THE GLOBAL ENTREPRENEUR

Program

4:00 PM Doors open for Registration and Networking

5:00 PM Dennis Abremski, IGE Exec. Director - Emcee, Opens the Program
Corinne Peek-Asa, VC Office of Research and Innovation
- Innovation on Campus

Dean Albert Pisano, Jacob School of Engineering -
- UC San Diego and Global Innovation Remarks

5:10 PM Dennis Abremski - Startup Quick Pitches
- LaunchStarz- Beyond Japan Partner
- SoundFun- Mirai Speaker Pitch

5:20 PM Sujit Dey - IGE Startup Portfolio

5:25 PM Amy Nguyen-Chyung - Technology Management Program
- Shaw and Boni Fellows
- IGE Fellow Quick Pitches

5:30 PM Dean Lisa Ordonez, Rady School of Management - Penner-Boni Award
- Art Boni, John R. Thorne Distinguished Career Professor of Entrepreneurship, Emeritus, Tepper School of Bus., Carnegie Mellon Univ., Ph.D. UCSD 1968
- Penner-Boni Award Annoucement

5:40 PM - Program Concludes, Showcase Opens, & Reception

7:30 PM - Event Concludes*

*last shuttle ride to Hopkins Garage leaves at 7:45 PM

UC San Diego

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Agave Biosensors

Ethan Devine

ethan@agavesensors.com

What We Do

Agave Biosensors specializes in the design and fabrication of an advanced class of wearable sensors. Our technology improves health outcomes by enabling remote biometric monitoring via innovative, imperceptible, wear-and-forget biosensors. Using materials and fabrication processes that are sustainable and biocompatible, our tech offers a paradigm shift in how we treat ourselves and our planet.

Programs

IGE MedTech Accelerator ('23)

IGE Sustainability I-Corps ('23)

Current Status

Investment

www.agavesensors.com

We are currently seeking.... Investment

UC San Diego IGE SHOWCASE 2023

CARI Health

Laurie Russell

laurie@carihealth.com

What We Do

CARI Health is developing a wearable remote medication monitor to enable personalized dosing and real-time adherence monitoring. CARI's solution combines proprietary core sensing technology with just-in-time intervention software, mobile apps, data, and AI to detect medication levels in real-time.

Programs

IGE MedTech Accelerator program

Rady Venture Fund recipient

Current Status

MVP, Concept to a working prototype

Social Media URLs

https://www.linkedin.com/company/carihealth/

https://www.facebook.com/carihealthinc

https://twitter.com/carihealthinc

www.carihealth.com

Company News

Awarded an SBIR Fast Track grant from the National Institute on Drug Abuse (NIDA), an agency of the National Institutes of Health (NIH), to help it bring the world's first wearable medication monitor to market. CARI Health is eligible for up to $2.8M over three years as project milestones are successfully completed within Phase I and Phase II portions of the grant.

We are currently seeking.... Investment

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Channel Robotics

Michael Yip

yip@ucsd.edu

channel robotics
Reaching Further with Robotic Surgery

What We Do

Surgical robots in the palm of your hand.

Programs

UCSD Jacobs School of Engineering and School of Medicine Faculty-led start-up.

https://www.channelrobotics.com/

Current Status

Transition from early customers to main body of customers (scaling)

We are currently seeking.... Investment

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Dermose

dermose

Arshan Ommid
Arommid@ucsd.edu

What We Do

Dermose is a med-tech/therapeutics company developing remote patient monitoring devices to rapidly establish and optimize the efficacy of hair growth therapeutics. With data science, machine learning, and AI at its core, Dermose predicts hair growth up to 12 months into the future and uses its algorithms to formulate a custom hair growth compound/treatment regimen that maximizes future hair growth.

UCSD Programs

The Basement Blackstone Launchpad Accelerator
StartR Inclusion
NSF I-CORPS
IGE MedTech Accelerator- Stage 1 and Stage 2
HealthLink Incubator
UC Launch, Berkeley Haas

Social Media URL

https://www.linkedin.com/company/dermose

https://www.dermose.com/

We are currently seeking.... Investment

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Delilate

Brian Li
ymli@ucsd.edu

What We Do

Our company created a soft and inflatable gynecological dilator to address the issue of low patient adherence to prescribed vaginal dilation therapy for gynecological disorders such as vaginal stenosis, vaginismus, and postnatal complications.

Programs

NSF I-Corp
IGE MedTech Accelerator Stage 1
Inflection Point
Basement Blackstone Launchpad

Company Status

MVP, Concept to a working prototype

Social Media URLs

https://www.linkedin.com/company/delilate/about/

https://cat-lavender-rz9e.squarespace.com/

We are currently seeking.... Investment

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Docfully Inc.

Jacques Stroud
jacquestroud@docfully.com

What We Do

Healthcare in the United States is going through a revolution. The 2020 pandemic revealed that innovations in healthcare can be utilized to provide physical and mental care to everyone, anywhere, anytime. We want to participate in this revolution with our prototype to help those who suffer from Generalized Anxiety Disorder.

Programs

Alliance Healthcare Foundation i2 Innovation Grant
San Diego Angel Conference
Connect ALL at the Jacob Center Business Accelerator
San Diego Black chamber of Commence Accelerator
Rec innovation labs
NSF I-Corp Program
Talent Foundry

Current Status

MVP, Concept to working prototype

Social Media URLs

www.linkedin.com/in/jacques-stroud-13a21a47
www.facebook.com/DocfullyHealthcare
www.instagram.com/docfully

http://www.docfully.net/

Company News

We were accepted in the IGE MedTech Accelerator just after completing the Cornell University Prototype Accelerator this past summer.

We are currently seeking.... Investment

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EVT.ai

Monal Parmar
parmar@evt.ai

What We Do

EVT.ai provides automated video editing and knowledge curation using A.I. to transform long video recordings (Zoom, etc.) into short video chapters with a table of contents, summaries, and other curated content for engaging and accessible online learning efficient org knowledge sharing. EVT is a B2B SaaS company with customers including UC San Diego and Sandler Sales Training and has ongoing pilots with fortune 150 companies.

Programs

The Basement

IGE NSF I-CORPS

Gordon Engineering Leadership Program

Business Ownership Preparation

Current Status

Transition from early customers to main body of customers (scaling)

Social Media URLs

https://www.linkedin.com/in/monalparmar/

https://evt.ai/

Company News

Oracle recently wrote an article about EVT titled "AI-powered video curation makes learning more accessible."

LaunchStarz

(Partner)

Kenny Lum kenny@launchstarz.com
Satoshi Miyagawa satoshi@launchstarz.com

What We Do

We help Japanese entrepreneurs launch their startups in America as well as US startups launch in Asia. We partnered with IGE-UCSD, Japanese government's JETRO (Japan External Trade Organization) and METI (Ministry of Economy, Trade and Industry) to run the Beyond JAPAN Program. Our goal is to build a startup ecosystem to support not only Japanese startups but all global startups launching in the US.

Social Media URLs

https://www.linkedin.com/company/95701997/
https://www.instagram.com/launchstarz/
https://www.facebook.com/LaunchStarzLA/
https://twitter.com/launchstarz

www.launchstarz.com

We are currently seeking.... Investment

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LIMBER Prosthetics

Joshua Pelz - josh@limberprosthetics.com
Luca De Vivo - luca@limberprosthetics.com

What We Do

LIMBER uses digital design and 3D printing to create the future of accessible prosthetic care. LIMBER's patent-pending technology is the world's first fully-printed below-knee prosthesis that provides dynamic gait performance.

Programs

IGE MedTech Accelerator: Stage 1 and 2
IGE NSF I-CORPS
The Basement Blackstone Launchpad Accelerator and Fellowship

Social Media URLs

https://www.linkedin.com/company/limber-prosthetics-and-orthotics/

https://limberprosthetics.com

Company News

Josh Pelz, CEO named Biocom CA 2023 LifeScience Catalyst Award Winner

We are currently seeking.... Investment

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Looq AI

Dominique Meyer
dom@limar.ai

What We Do

Looq redefines the creation of accurate 3D models at industrial-scale. Our camera and integrated cloud platform make it easy to create geometrically accurate, georeferenced models. 3D models are rendered in less than 24-hours, with an unprecedented reduction in the difficulty and cost of realizing such digital assets. Looq will help reduce environmental costs related to large-scale infrastructure changes needed to electrify the planet, while providing the analytics that facilitate energy saving designs.

Programs

UCSD CHEI Lab, AVL Lab

IGE Technology Management Program

IGE NSF I-CORPS

Current Status

Go-to-Market

Social Media URLs

https://www.linkedin.com/company/looqai/

www.looq.ai

Company News

We are wrapping up the IgniteX Climate Tech Accelerator Program: https://www.bv.com/ignite

We are currently seeking.... Investment

UC San Diego IGE SHOWCASE 2023

Mercury Alert AI

Ji Lee

jilee@ucsd.edu

What We Do

Mercury Alert is a passive, wearable-free monitoring solution for older adults with safety risks and nighttime concerns. Using AI-powered smart cameras, Mercury Alert automatically detects and alerts on all actions relevant to a caregiver, whether a fall or even unassisted wandering. Mercury Alert is trusted by the top homecare agencies in the nation and is the only fully comprehensive alternative to a physical caregiver available.

UCSD Programs

The Basement

Radys Venture Fellows

IGE MedTech Accelerator – Stage 1 and 2

Current Status

Investment

Company News

Just signed a national partnership deal with Accent Care, the 5th largest home health business in the country. Also, being brought in to VA Hospital through their Chief.

www.mercuryalert.ai

We are currently seeking.... Investment

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NanoMood

Norah Al-Azzam
alazzam.norah@gmail.com
Shams Al-Azzam
shoussie@gmail.com

What We Do

NanoMood is developing a non-invasive wearable biomonitor to quantitatively assess and monitor biological, physiological, and digital biomarkers. NanoMood vision is to offer real-time monitoring and personalized treatment for individuals with depression, anxiety, and mood disorders.

Programs

UCSD The Basement
StartR Rady
IGE MedTech Accelerator- Stage 1

Current Status

Concept to working prototype

Social Media URLs

https://twitter.com/nanomoodtech

https://nanomoodtech.com/

We are currently seeking.... Investment

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Persperion Diagnostics Inc.

Lu Yin
luyin@persperiontech.com

What We Do

Persperion have developed a completely noninvasive, first-of-its-kind sweat-based pocketable glucometer that requires a quick 30-second touch to obtain a reading. Utilizing reusable enzymatic test strips and a patented algorithm, it translates electrochemical signals into valuable health insights for improved outcomes.

Programs

IGE MedTech Accelerator
IGE NSF I-CORPS

Current Status

Concept to working prototype

https://persperiontech.com/home

We are currently seeking.... Investment

UC San Diego IGE SHOWCASE 2023

ReBlood Rx

Carlos Munoz

carlos.munoz@rebloodrx.com

What We Do

ReBlood Rx has engineered a Hemoglobin-Based Oxygen Carrier (HBOC), this technology does not need to be crossmatched to patients, can be stored at room temperature, and has a shelf life of 2 years. It is meant to resuscitate patients in austere conditions to provide them with the medical care they need to be transported safely to a medical facility and preserve their quality of life.

Programs

IGE Technology Management Program

IGE MedTech Accelerator Stage 1

IGE NSF I-CORPS

Current Status

MVP, Concept to working prototype

Social Media URLs

https://www.linkedin.com/company/rebloodrx

https://rebloodrx.com/

We are currently seeking.... Investment

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SB Solutions

SB Solutions
Smart Bio-Sensor Solutions

Dr. Franklin Bien
franklin.bien@gmail.com

What We Do

The way people diagnose sleep apnea will change globally. SB Solutions provide the utmost easy & and comfortable diagnose system with 95% accuracy compared to complicated medical systems. Our solution can be done at home, by yourself, at a fraction of the conventional cost.

Programs

Global Entrepreneur Accelerator

Current Status

Concept to working prototype

https://www.soomirang.kr/main

We are currently seeking.... Investment

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SonoBac

Aditya Vasan
aditya@sonobac.com

What We Do

SonoBac's goal is to enable a transition to a green manufacturing future by developing a platform that combines ultrasound and genetic engineering to improve fermentation processes. Their platform has wide ranging applications in food, pharmaceutical and consumer product sectors, and enables biomanufacturing companies to squeeze more product from their cells, resulting in increased product titers.

Programs

IGE NSF I-CORPS
IGE MedTech Accelerlator
Blueprint at the Engine/MIT
Nucleate Eco

Current Status

Investment

Social Media URLs

https://www.linkedin.com/company/sonobac/

www.sonobac.com

We are currently seeking.... Investment

Beyond JAPAN
Zero to X

UC San Diego
IGE
SHOWCASE
2023

SoundFun

Global Innovation Startup

MIRAI SPEAKER

Yasuyuki Tashibu
yasuyuki.tashibu@soundfun.co.jp

What We Do

"Mirai Speaker" is a TV speaker utilizing our patented "AudibleWave Technology" which enhances audio clarity, catering to elderly viewers struggling with dialogue comprehension. It's advanced sound wave propagation ensures consistent audio quality across diverse room positions, eliminating the need for high volume and protecting surrounding listeners' hearing.

Current Status

Go-to-Market

https://soundfun.net

Company News

We are going to launch our product "Mirai Speaker" on 11/8 in the US.

We are currently seeking.... Investment

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Third Element Bio

Carter Palmer
carter@thirdelementbio.com

What We Do

Third Element Bio is committed to developing therapeutics to treat neurological disorders. We are working to do this by shaping the behavior of a particular type of cell in the brain called microglia. Our lead therapeutic will be used to slow cognitive decline in Alzheimer's disease in people with Down syndrome, and through our platform we aim to alleviate the suffering associated with numerous other neurological disorders.

Programs

IGE NSF I-Corps
IGE's MedTech Accelerator
StartR Accelerator
Nucleate

Current Status

MVP, Concept to working prototype

https://bit.ly/CaterPalmerLinkedIn

Company News

By winning Nucleate San Diego's final pitch showcase Third Element Bio was awarded a HomeLab golden fellowship, securing a year's worth of bench space in HomeLabs state of the art facilities to help accelerate our growth and development.

We are currently seeking.... Investment

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Veera Health Inc.

Alyson Ronald
alyson@cormedicalventures.com

What We Do

At Veera, we believe postpartum mothers deserve a level of care and assistance that has become scarce in the modern age. The Veera mission is to provide mothers with ease and peace of mind during the early stages of motherhood and breastfeeding. We are regrowing a community of postpartum and breastfeeding support by providing mothers with the technology, information, and resources that are best for them and their infants.

Programs

IGE NSF I-Corps
IGE's MedTech Accelerator

https://www.linkedin.com/company/veeraco/about/

Current Status

Investment

UC San Diego IGE SHOWCASE 2023

VisiCELL Medical Inc.

Johnny Akers
jakers@visicellmedical.com

What We Do

VisiCELL Medical Inc., "GPS for Cell Therapy" is developing non-invasive cell imaging diagnostic platform for customers with cell-based therapies to help grow the multibillion-dollar cell and gene therapy industry. VisiCELL provides real time quantitative imaging insights for safety and efficacy assessment of cell therapies in subjects within 24 hours of treatment, enabling actionable decision-making. This allows confirmation of mechanism, accelerates product development, limits fruitless clinical development, and improves patient outcomes.

Programs

IGE MedTech Accelerator
NSF I-Corps

Social Media URLs

https://www.linkedin.com/company/visicell-medical-inc/

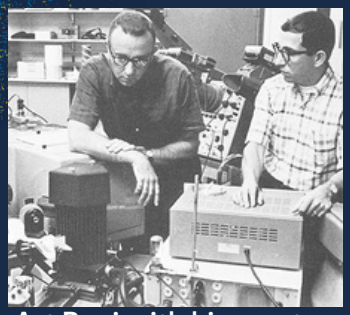
Current Status

Concept to working prototype

https://www.visicellmedical.com/

We are currently seeking.... Investment

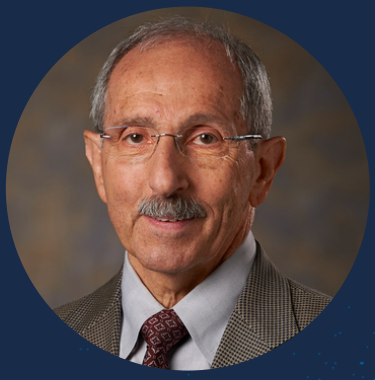
Penner-Boni Innovation Award



Art Boni with his mentor, Stanford "Sol" Penner, undated photo

Each year, top students will be selected as Boni Fellows to participate in an intensive one-year program at the university's Institute for the Global Entrepreneur Technology Management Program. This program matches Rady MBA candidates with Jacobs School graduate students for practical innovation training in a team environment. The Penner-Boni Innovation Award recognizes an exceptional IGE Fellow who exemplifies Stanford "Sol" Penner's innovative spirit.

Arthur A. Boni, Ph.D. is a technologist, successful serial entrepreneur, and academic who has contributed to the success of multiple organizations. His private sector and academic work have focused on understanding and advancing the business of commercialization and the leadership of teams and organizations in entrepreneurial organizations spanning the startup through growth stages. Art supports students through the Art and Janice Boni Scholarship Fund (Boni Fellow) with a $5000 annual gift and the Penner-Boni Innovation Award Of $10,000 in honor of his mentor and friend, Sol Penner.



Art Boni

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Penner-Boni Innovation Award Nominees

Carlos Munoz, Finalist

Carlos Munoz
PhD, Bioengineering
carlos.munoz@rebloodrx.com

IGE Fellow. ReBloodRx is Carlos's second startup through UC San Diego. His first, Ateios Systems, was launched after completing the Tech Management Program.

ReBlood Rx has engineered a Hemoglobin-Based Oxygen Carrier (HBOC), this technology does not need to be crossmatched to patients, can be stored at room temperature, and has a shelf life of 2 years. It is meant to resuscitate patients in austere conditions to provide them with the medical care they need to be transported safely to a medical facility and preserve their quality of life.

https://rebloodrx.com/

ReBlood Rx

Aditya Vasan, Finalist

Boni Fellow. Sonobac was an IGE MedTech Accelerator Stage One Startup and they completed a pre-seed raise of $400,000 in April 2023

SonoBac aims to transition to green manufacturing by developing a platform combining ultrasound and genetic engineering to improve fermentation processes. Their platform has wide-ranging applications in food, pharmaceutical, and consumer product sectors, and enables biomanufacturing companies to squeeze more product from their cells, resulting in increased product titers.

Aditya Vasan
PhD, Mechanical Engineering
aditya@sonobac.com

SonoBac

https://www.sonobac.com/

Sai Zhou, Finalist

Sai Zhou
Ph.D. Candidate,
Mechanical & Aerospace Engineering
saz001@ucsd.edu

Shah Fellow. Cirucare is currently participating in IGE MedTech Accelerator Stage One Program.

CircuCare is a state-of-the-art wearable ultrasound patch designed to continuously monitor blood flow in the peripheral artery. By studying these waves and analyzing their characteristics, the device can measure the physiological parameters inside the body, such as blood flow velocity inside the target vessel.

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