



Office of Technology Innovation and Entrepreneurship

Ellis Meng

Vice Dean of Technology Innovation and Entrepreneurship

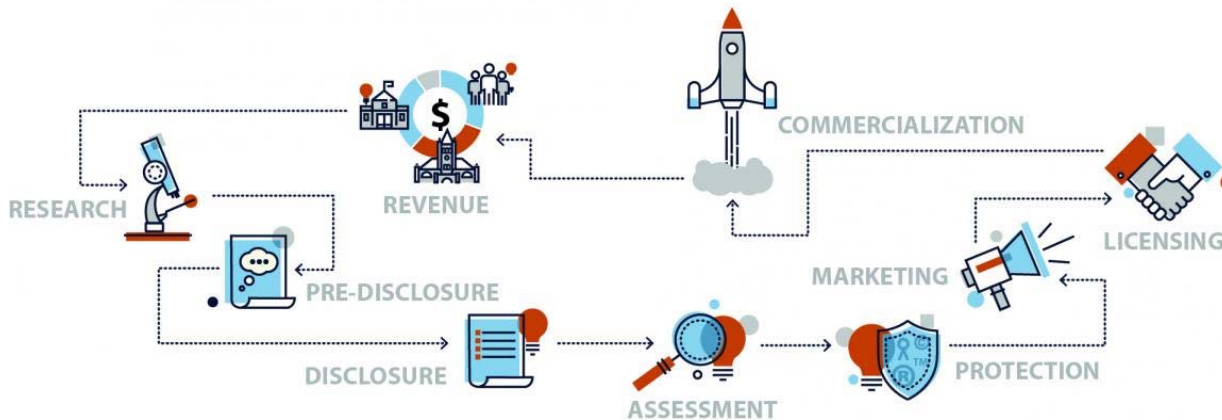
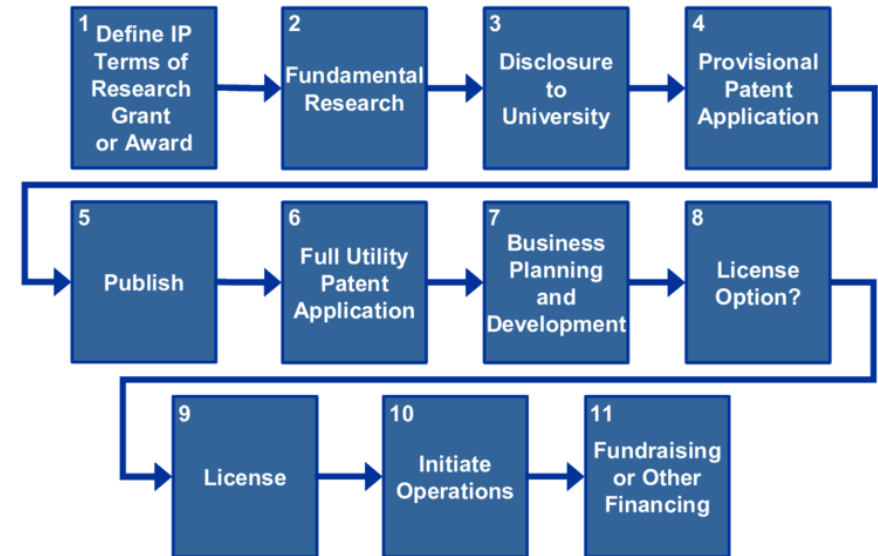
Professor

Biomedical Engineering & Electrical and Computer Engineering

Biomedical Microsystems Laboratory

Commercialization is another way to achieve *impact* for your research portfolio

- Research results in 3P's: Publications, PhDs, *and Patents*
- Do you have provisional patents, patent applications, or issued patents?
- Consider intellectual property protection before publishing



Commercialization is a contact sport

- Many pathways to commercialize inventions or other technologies from your research program
- Unless you are one of the rare few who have training in this area, be prepared for an adventure into the unknown
- Commercialization is unlike the merit-based world of academia – many things will take more time that you realize
 - Documenting your invention
 - Interacting with technology transfer office
 - Interacting with patent attorneys
 - Making sure the invention has a market
 - Fundraising beyond the university
- But commercialization can be very rewarding



Choose your battles and how you spend your time wisely

Who we are

Ellis Meng

- Vice Dean for TIE
- Faculty Entrepreneur and Inventor



Dave Eastman

- NSF I-Corps Node
- Viterbi Startup Garage
- Fund Manager



Alice Liu

- Assistant Director
- Engineering Honors Program
- Prize Competitions



Precious McClendon

- NSF I-Corps Node TA
- Program Coordinator



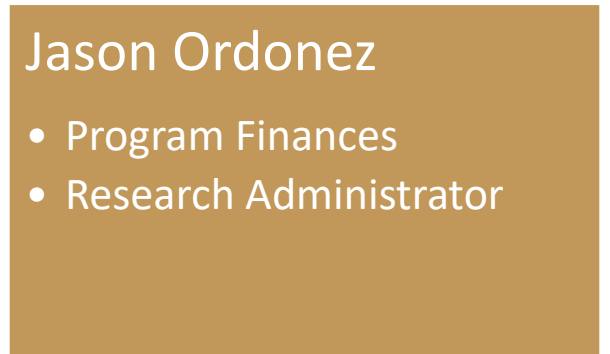
Arcelia Navarro

- Facilities Manager
- Viterbi Startup Garage



Jason Ordonez

- Program Finances
- Research Administrator



Our extended family

Trina Gregory

- Assistant Director
- Viterbi Student Entrepreneurship Education
- Prize Competitions
- TIE Summer Program



Cliff Neuman

- Hacking for Defense
- CSCI 599



Farzin Samadani

- Hacking for Defense
- I-Corps Instructor
- Entrepreneur in Residence for Los Angeles City Hall



Julie Pantiskas

- Innovator in Residence
- Viterbi Startup Garage



Aled Miles

- Innovator in Residence
- Viterbi Startup Garage



Pai-Ling Yin

- Competitions Instructor
- Director, Technology Commercialization Initiative in Marshall School of Business



...and many more!

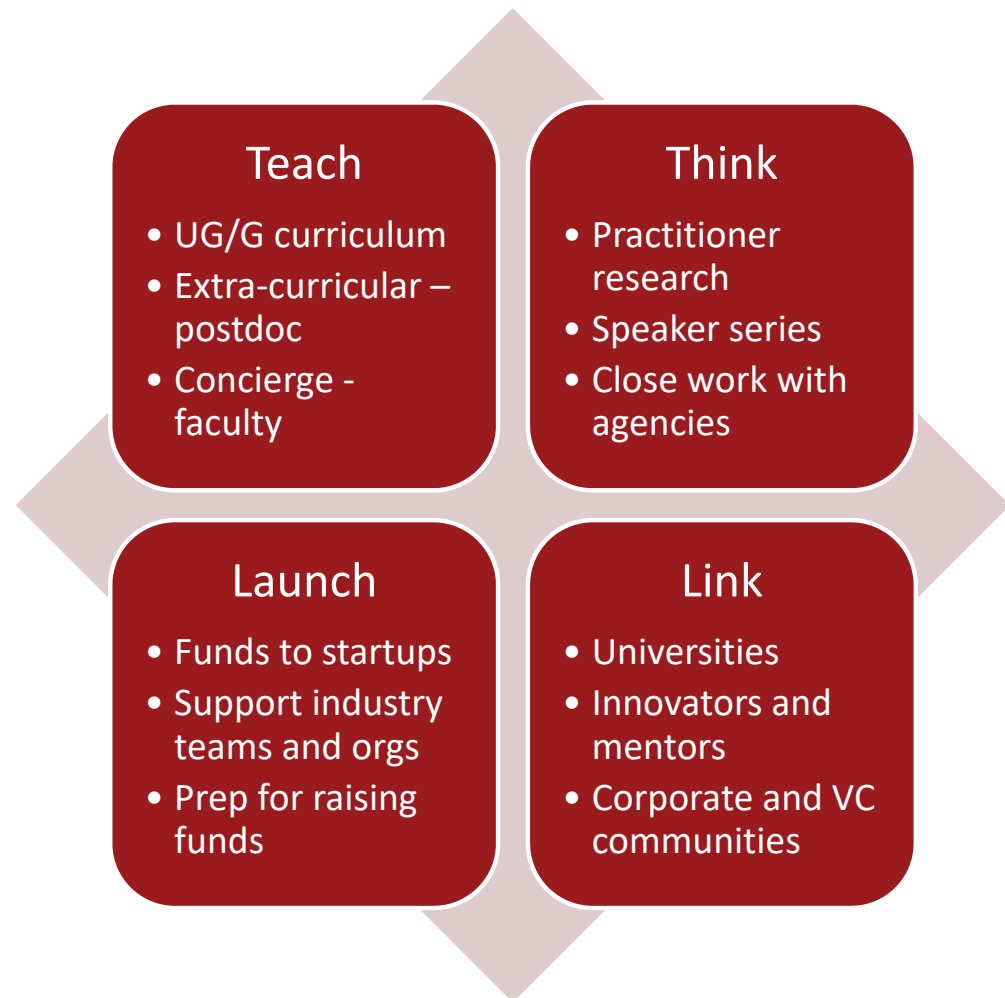
The Viterbi School Office of Technology Innovation and Entrepreneurship will:

- Educate engineers on strategies to develop, integrate, and sustain technologies addressing significant needs
- Launch ventures with meaningful social and economic impact based on USC faculty, students, and technologies.

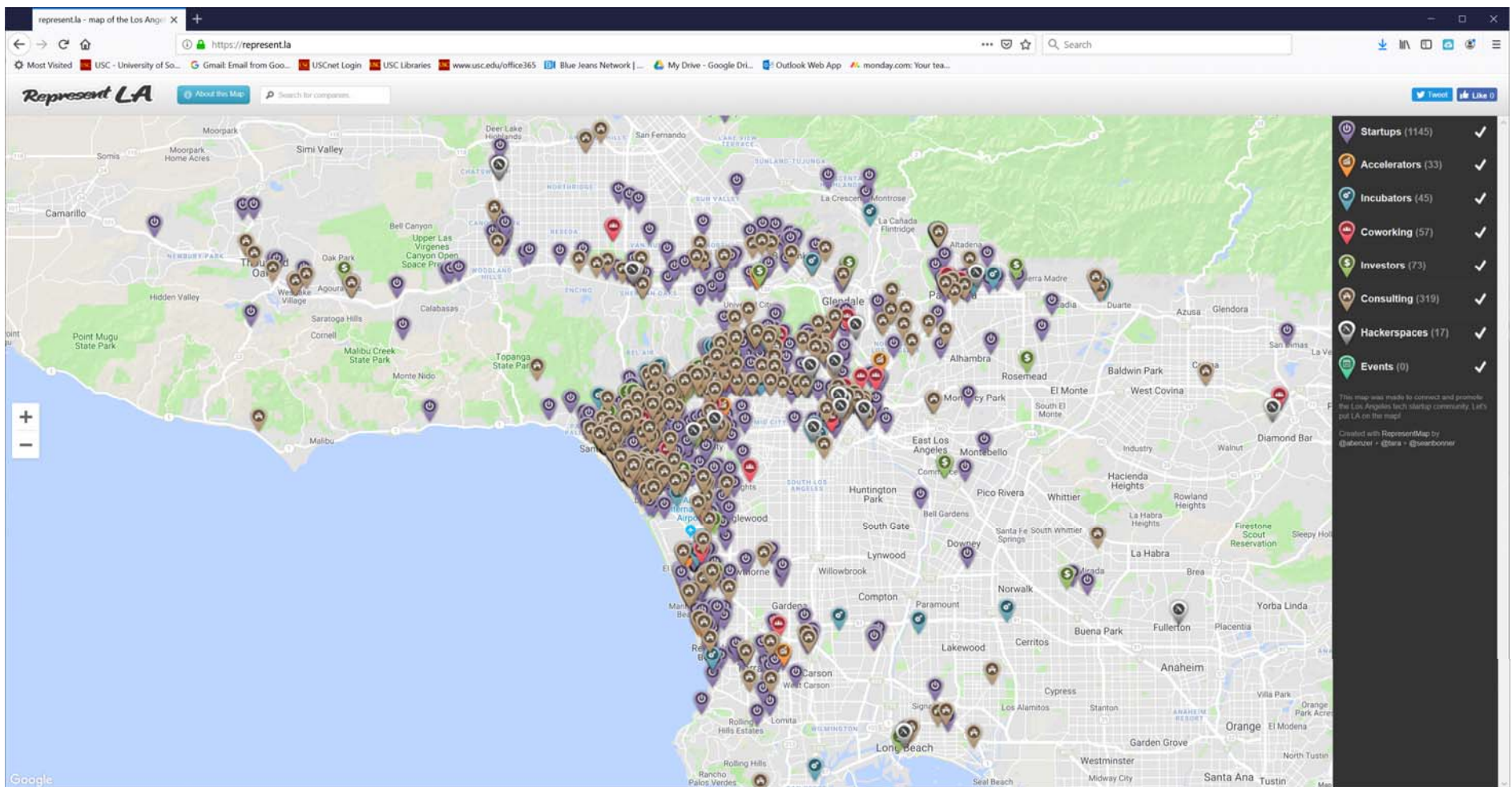
We are separate from USC Stevens Center for Innovation which is our technology transfer office. All intellectual property flows through USC Stevens.



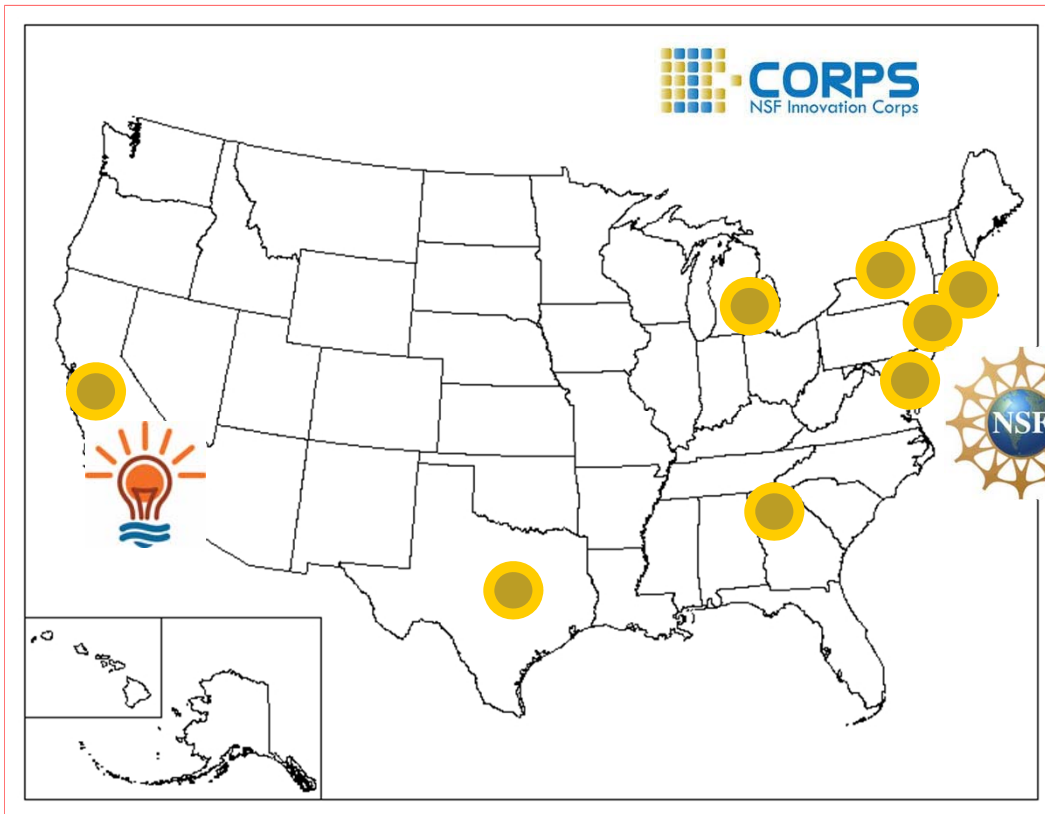
- Many activities to promote innovation and entrepreneurship in Viterbi
- Technology Entrepreneurship and Commercialization Hub (TECH)
- Seeking input on what other programming is missing



The tech startup scene in Los Angeles



1 of 9 NSF Nodes in the US



A collaboration with:

UCLA

USC University of Southern California

Caltech

UC San Diego

UC RIVERSIDE

UCSB

UCI University of California, Irvine

CSUN CALIFORNIA STATE UNIVERSITY NORTHRIDGE

Cal State LA

CALIFORNIA STATE UNIVERSITY FULLERTON

ASU ARIZONA STATE UNIVERSITY

LACLEANTECH INCUBATOR at Le Kretz Innovation Campus

N University of Nevada, Reno

UAF UNIVERSITY OF ALASKA FAIRBANKS

W UNIVERSITY OF WASHINGTON

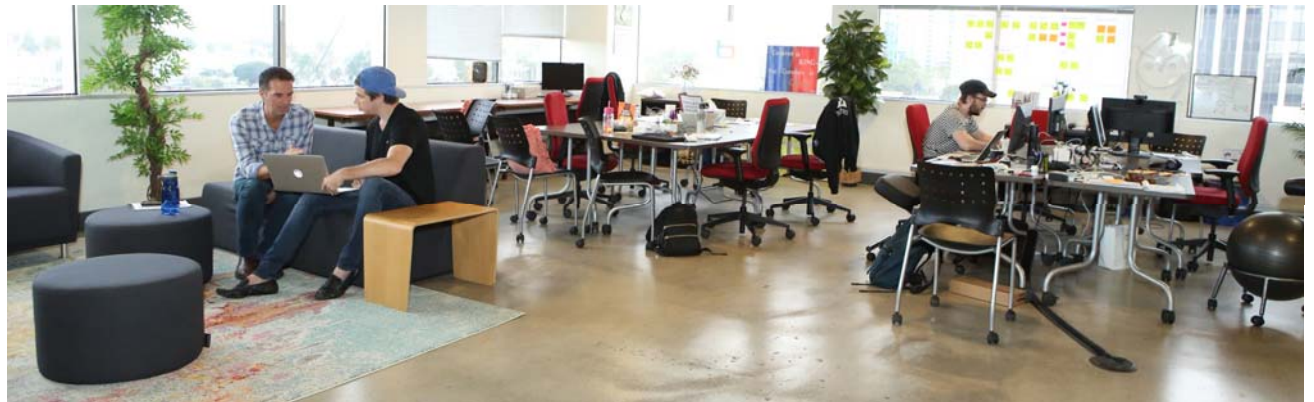
THE UNIVERSITY OF ARIZONA

University of Colorado Boulder

SUNY The State University of New York



- Year-round program
- “International waters” – can be your startup’s home
- Additional programs to support your team, including student interns
- Conference facility, etc. as needed
- Faculty spinoffs from USC, CHLA, UCI, UCLA, Caltech, Purdue as residents or associates



- Educational programs and competitions
 - For you and/or your entrepreneurial students
- Showcase participation
 - Professional coaching and opportunities to present to investors
- Mousetrap Fund
 - Funds “last mile” technology development; look for future cycles
- I-Corps grants
 - Get \$50k from NSF to validate your concept in the marketplace!

- ellis.meng@usc.edu



- VSEE: entrepreneurial mindset embedded in Freshman Academy
- ISE 585, H4D, and other courses
- VSI² Speaker Series
- Summer Smasher: immersive experience with start-ups
- Hackathons
- Competitions (incl. MEPC, MFC, ABC Prize, NAE)
- Office Hours
- Graduate research
- NSF I-Corps Programing (incl. ZAP, BOOM, LAUNCH, BLITZ, National I-Corps)
- Synchrotron, VSG accelerator program
- Full-time residency at the Viterbi Start-up Garage