FROM INNOVATION TO IMPLEMENTATION
CAMPUS LISA 2019
June 26, 2019 Rady School of Management UC San Diego

REGISTER TODAY!

Tom Andriola
Vice President & CIO
University of California System
CIO, UC Health
Advisor, Calit2 at UCSD
Advisor, CDHI at UCSF
UC is an important engine for California

Educational opportunity & economic mobility

Patient Care Research Education

Food & Ag

Research excellence
Pressures on Higher Education

- Campus Growth
- Marketplace Competition
- Compliance/Administrative Requirements
- State Funding and Endowment Decreases
- Cost of Higher Education

FEELING THE “SQUEEZE”
How do we embrace this opportunity?
How do we not trip ourselves up?
“Image is Everything”
-- Andre Agassi
“We’re IT: We put the NO in innovation”
“This is what it feels like with the tools we get from you”
Universities may work by 1,000 flowers blooming,

but great organizations take innovation to scale.
How do we not trip ourselves up?
This is the UC System
In genetics, you can’t change the gene, but you can alter the gene expression.

We have much more in common than we have uniqueness.

Community and Culture are more important than Strategy.
Driving Objectives

Public Service
- Build expertise in accessibility

People
- Build the leadership pipeline and talent management process
  - Develop a future workforce strategy

Risk Management
- Reduce data privacy risks associated with cloud offerings
  - Strengthen UC's cybersecurity posture

Financial Sustainability
- Drive more IT procurement through enterprise contracts
  - Promote a common IT architecture and shared analytics capabilities

Research Mission
- Inventory and promote IT capabilities to support researchers

Education Mission
- Leverage locations' learning analytics work for the system
  - Make electronic content accessible
true north

Building the Community

- Find all community links on the UC IT Portal
- Subscribe to the UC IT Blog: cio.ucop.edu
- Follow the @ucaiifornia_it Instagram account
- Stay updated with the @ucaiifornia_it Twitter account
- Become part of the UC Tech Slack team

University of California 2018
Culture & Community
Community needs “connective fabric”
The Blog: “The Story of Us”
Community: Research Facilitation
Community: UC Health Data Day
Reinforcing community & culture

Share, Copy, My Flavor, Go!

PRP

WAVE@UC San Diego

WAVE @UC Merced
Innovation en mass

IT Employee  Innovator  Intrapreneur

Efficiency  Innovation  Value Creation  Entrepreneurship

UC IT Innovate
Location-Led, UC-Supported Shared Services
What you can do

- Continue to do a great job every day
- Make part of your job gaining time back for innovation (your definition)
- Leverage the collective intelligence of community
- Share key messages with others
- Help expand the community
- Keep innovating (trying stuff)
- Lean in, join in, make a difference
Community: Annual event

UCTech 2019
July 15-17

“IT Uncorked: Unleashing the potential of our IT ingenuity.”
Thank you . . TEAM UC

Together
Everyone
Achieves
More
Cover in Questions/Discussion
UC is an important engine for California

• Educational opportunity & economic mobility
  • 270,000+ students
  • 42% UC undergraduate students are first-generation attendees
  • 45% CA low-income residents received Pell Grants to attend UC

• Research excellence and innovation catalyst
  • USD $5.5B sponsored research per year
  • 61 noble laureates
  • UC produces more patents than any other US university, averaging nearly five (5) new inventions every day

• Healthcare
• Food & Ag
  • 70% of USA's fruits and 33% vegetables grown in the state
What we’ve learned along the journey

• Community platform is fundamentally different
  • Bottoms-up, not Top-down
  • Invited, not Sold
  • Organic, not Managed (messy, ambiguous)

• Workable strategies
  • Let 1000 flowers bloom when required (divergent then convergent)
  • Leveraging scale for value - bend curves and create inflection points
  • Tip of the spear
  • Collation of the willing

• Mentality
  • No one is a smart as always
  • Support “leading from the middle”
  • Develop a time to value (TTV) mentality
Community: UC IT Leadership Academy
Why communities work?

- Like minded
- Common struggle
- Kindred spirits
- Inclusive mindset
- It really works
Building partnership
UC Mission

The privilege to:
- Create the Future
- Make People Better
UCITI Commercial Success Stories

- Aliy
- DEAR Health
- Corelight
- Risk & Safety Solutions
- The Vine
- Ennetix
- CropManage
- OpsGuru
UC IT Community (8000 IT professionals)

Blog Contributors (April 2019)

50% guest posts
8 unique contributors

Community Engagement

Latest UC IT Tweets
@brettzollak May 6, 2019
Great collaboration with the Basic Needs group BUCSanDiego. Download the mobile app at mobile.uscd.edu
twitter.com/problems/status...

@innovateshealth May 6, 2019
Got a little press! Hope to make a big impact!! UCLA Health launches healthcare innovation challenges | Health Dat...
twitter.com/!!web/status/!!

@CENICNews May 6, 2019
CENIC How can the UC Research IT Committee help you? RITC's Valerio Polichar on support of research facilitationservice...
twitter.com/!!web/status/!!
UCSD Stories, examples

UCSD campus: Robust and highly active governance related to enterprise systems, analytics, educational technology and research IT services

- UCSD campus: Community of Practice model with a full-time CoP facilitator/leader has worked very well in the business and student analytics areas

- UCSD-H: Broad deployment of over 600 dashboards with a federated analytics model to align with business goals (you are welcome to use the attached slide)

- UCSD community: Conversion of student health services to Epic EMR this summer to support population health and across the care continuum

UCSD working with UCM on The Cave