



UC CAI

University of California Center for Accelerated Innovation

UC BRAID

October 15, 2013

Michael Palazzolo

UC BRAID | University of California Biomedical Research, Acceleration, Integration & Development



Local and National Announcements

CTSA Central

- Posted by UCLA on Sept 30, 2013 (day before the government shutdown)

The screenshot shows the CTSA Central website homepage. At the top, it features the tagline "Accelerating Discoveries Toward Better Health" and a navigation menu with links for ABOUT US, NEWS, CONSORTIUM, IMPACT, COLLABORATIONS, TOOLS, and EVENTS. A search bar is also present. The main content area includes a map of California with yellow lines connecting five University of California campuses: UC Davis, UC San Francisco, UC Los Angeles, UC Irvine, and UC San Diego. Below the map, a news article is displayed with the headline "University of California partnership receives \$12-million award from NHLBI". The article text states: "A consortium of CTSA's at five University of California medical campuses has received a seven year, \$12 million award from NHLBI to establish a Center for Accelerated Innovation." There is a "Read More" link. At the bottom, there are sections for "Toolbox", "Learn", and "View", along with "Science Discoveries" and "What's Happening" sections.

NBC Channel 4 News

- Aired October 1, 2013



Contents

- Goals
- Introduction to leadership
- Governance
- Technology Solicitation & Selection
- Technology Development
- Skills Development



Goals

Goal 1

- Engage University of California heart lung and blood disease innovators through a comprehensive education, training and mentorship program.



Goals



Goal 2

- Solicit and select technologies with high commercial potential that align with NHLBI's mission and address unmet medical needs or significant scientific opportunity.

Goals



Goal 3

- Incubate our most promising technologies in accordance with industry requirements to facilitate their translation to commercial products that improve patient care and enhance health.

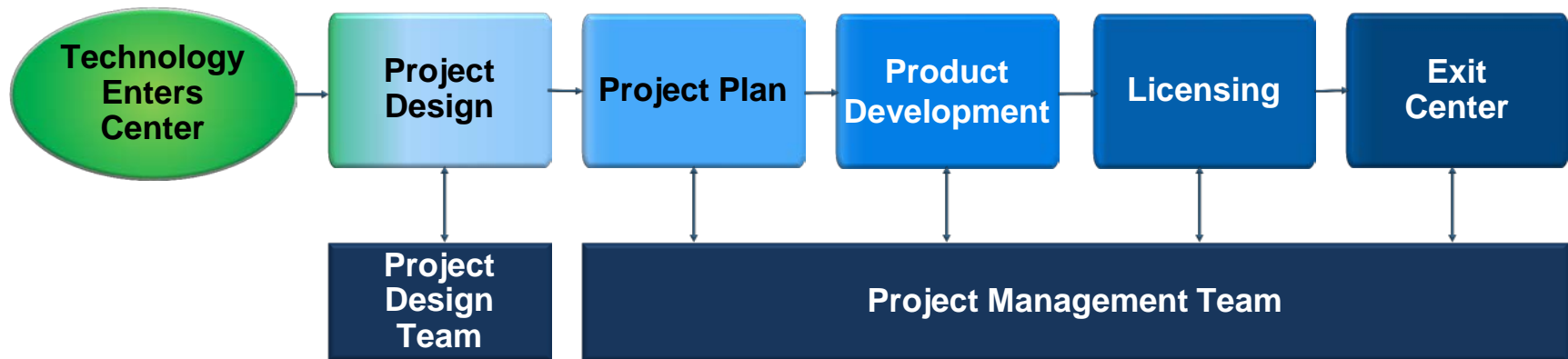
Goals

Goal 4

- Create a high-performing, sustainable infrastructure that will serve as a model to academic research centers.

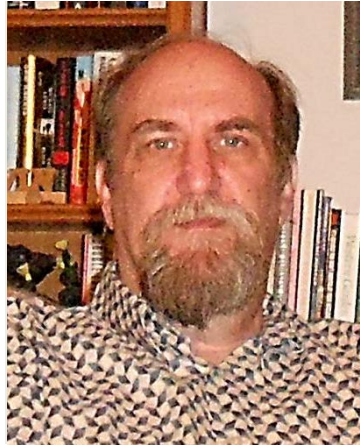


Technology Development Process



Leadership

UC CAI



Michael Palazzolo, MD, PhD
Center Director, UC CAI

Professor, UCLA



Tomas Ganz, MD, PhD
Center Associate Director

Professor, UCLA

Leadership

Executive Committee



Gary S. Firestein, MD
Executive Committee Chair
Director, UCSD Clinical and
Translational Research Institute



Lars Berglund, MD, PhD
Director, UCLA Clinical
and Translational Science Center



Dan Cooper, MD
Director, UCLA Institute for Clinical
and Translational Science



Steven Dubinett, MD
Director, UCLA Clinical
and Translational Science Institute



Clay Johnston, MD, PhD
Director, UCSF Clinical and
Translational Science Institute

Site Leaders

Campuses



Laura Marcu, PhD
UC Davis



Steven George, MD, PhD
UC Irvine



Tomas Ganz, MD, PhD
UCLA



Sotirios Tsimikas, MD
UCSD



Joseph Witztum, MD
UCSD



June Lee, MD
UCSF



Shaun Coughlin, MD, PhD
UCSF

Domain Leaders

Diseases



Tomas Ganz, MD, PhD
Blood Disorders
and Resources



Shaun Coughlin, MD, PhD
Cardiovascular Disease



June Lee, MD
Lung and Sleep Diseases



Sotirios Tsimikas, MD
Cardiovascular Disease

Domain Leaders

Platforms



Laura Marcu, PhD
Co-Leader,
Devices and Tools



Sotirios Tsimikas, MD
Co-Leader,
Diagnostics



Shaun Coughlin, MD, PhD
Co-Leader,
Therapeutics



Steven George, MD, PhD
Co-Leader,
Devices and Tools



Joseph Witztum, MD
Co-Leader,
Diagnostics



June Lee, MD
Co-Leader,
Therapeutics

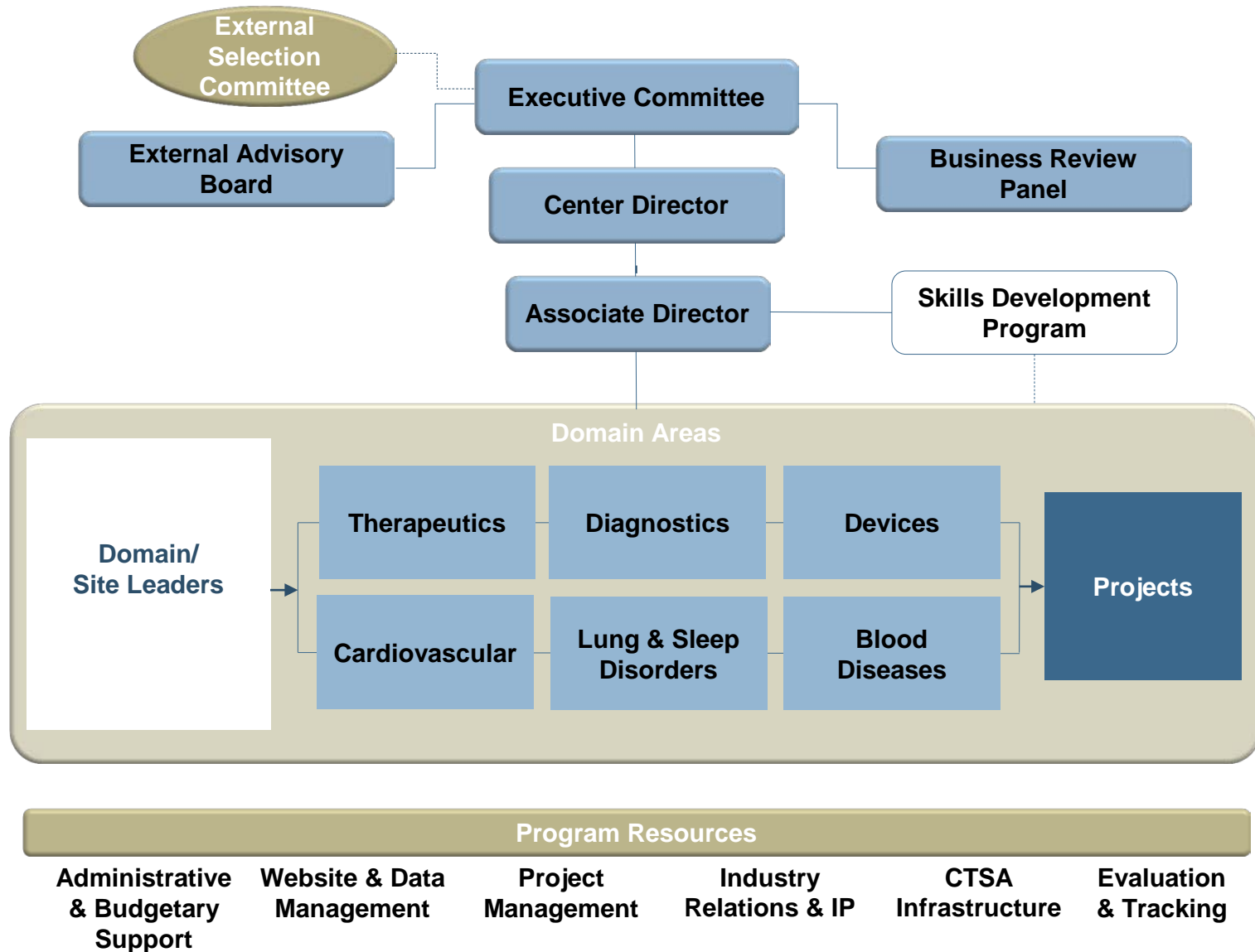
Skills Development Program

- Catalogs entrepreneurial course offerings on all five campuses
- Matches innovators to mentors
- Conducts webinars, symposia



Vish Krishnan
Leader, Skills Development Program
UCSD

Governance



External Advisory Board

- Consists of no fewer than 5 members
- Experienced business leaders
- Includes NHLBI Program Officer
- Advice about operations, project development



Catherine Mackey, PhD
Former Senior VP, Pfizer
Founder, MindPiece Partners

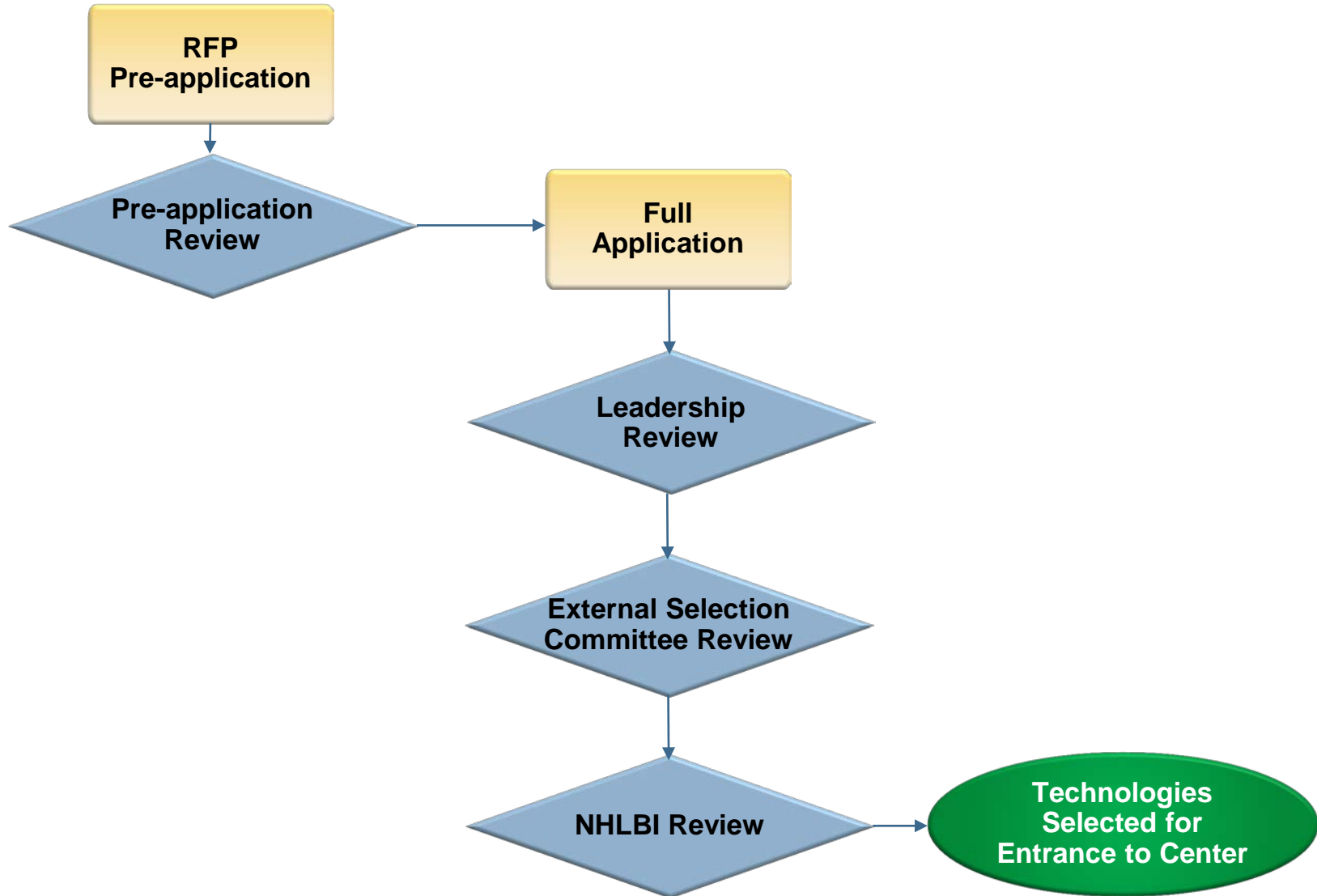


Francis Duhay, MD
VP Medical Affairs and CMD,
Edwards Lifesciences



Lawrence Souza, PhD
Former Senior VP, Amgen
Founder, Coastview Capital,

Technology Selection Overview

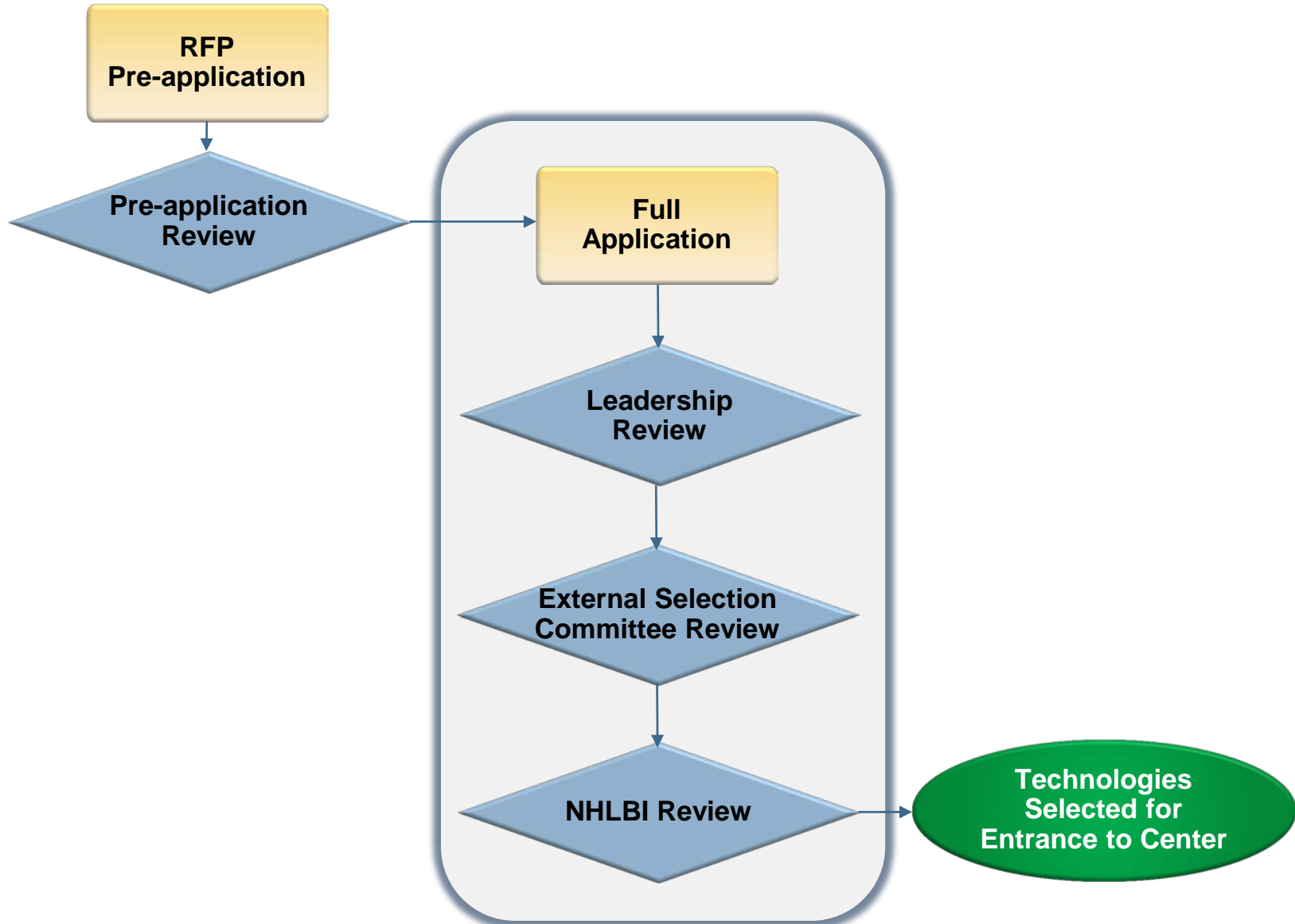


Technology Selection Timeline

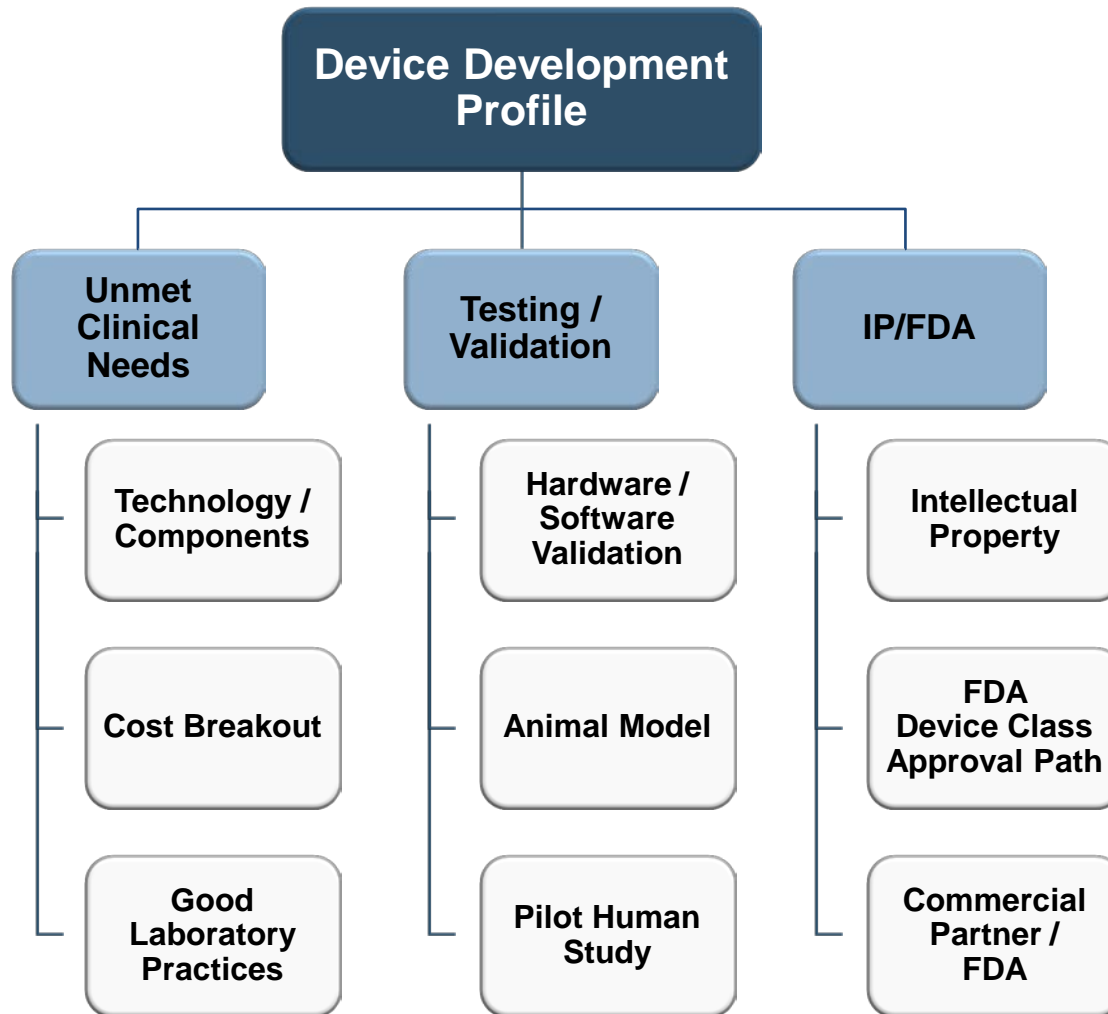
- Solicitations occur three times a year, one for each platform (therapeutics, devices, diagnostics)
- RFPs for the platforms run concurrently
- Time from solicitation to prioritization by External Selection Committee takes 7 mos.
- Up to 3 technologies enter Center in yr.–1
- Awards of up to \$200K



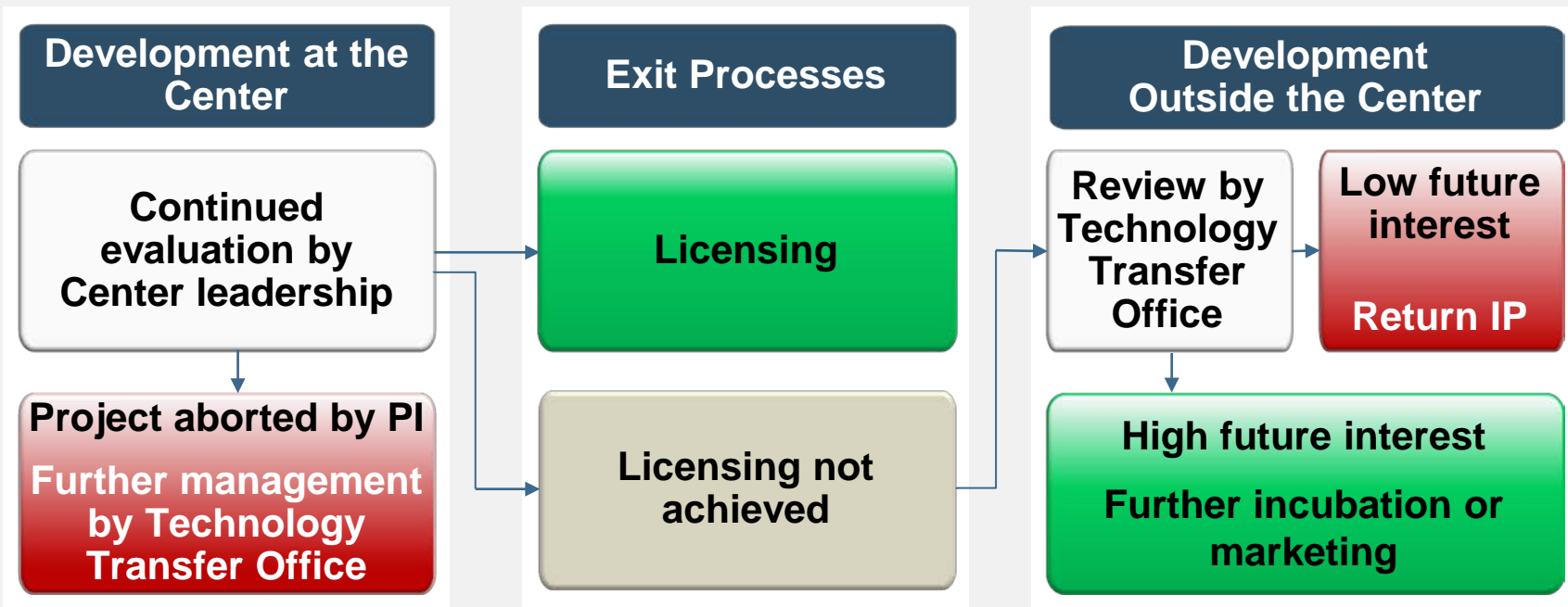
Technology Selection: Full Application



Product Profile Example



Exit Strategies



UCBRAID-CAI Skills Development

Vish Krishnan

UC San Diego, Rady School of Management

Disseminate best practices across campuses:

UCSD: Lab to Market, Entrepreneur Challenge

UCSF: Entrepreneurship Programs (Idea to IPO, Lean Launchpad)

UCLA: Business of Science

Davis: Mentoring Programs

Irvine: Entrepreneurship Mentoring

Online and Technology Development

Video collection of Translation and Commercialization

Simulation/Immersive Experience