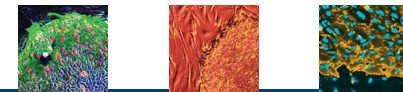


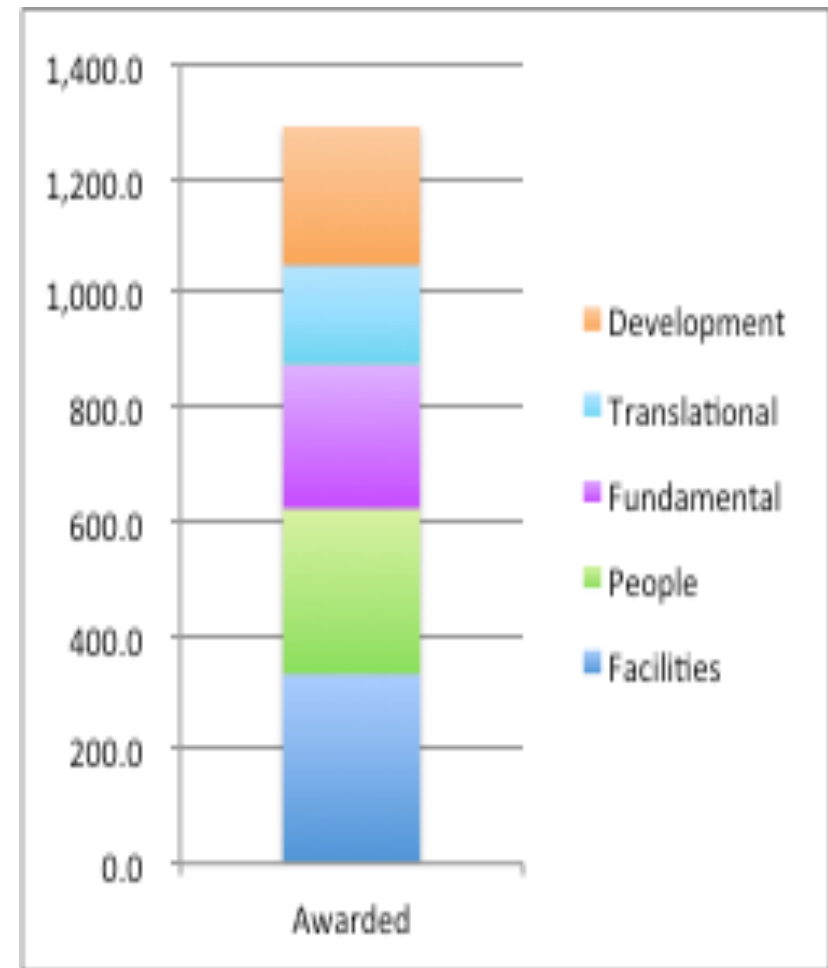
Strategic Research Funding

ICOC Meeting
January 17, 2012
Agenda Item #6



Award Allocation by ICOC

- Awarded 1.3 Billion to date
 - Physical Infrastructure: \$332 MM
 - Intellectual Infrastructure: 290 MM
 - Fundamental Research: 253 MM
 - Translational Research: 174 MM
 - Clinical Development: 245 MM



Strategic Funding to Achieve Key Outcomes

- ~ 1.5 Billion of current bond allocation remains to achieve key strategic outcomes
 - **Achieve clinical proof of concept for stem cell therapies**
 - **Achieve transformative research discoveries**
 - **Multiply CIRM's investment in California**
 - **California universally recognized as the “Stem Cell State”**

Proposed Funding Scenario: Key Points

- Development research funding focus: e.g. Disease Team, Strategic Partnership, Alpha Clinics
 - Development projects expensive: development funding drives planning
 - Substantial investment required, especially in meritorious projects in the clinic to achieve “clinical proof of concept for stem cell therapies”
- Fundamental Research: Basic Biology type awards, genomics program, repeat Shared Lab
- Translational Research: e.g. Early Translation
- People: Repeat of Training, Bridges program
- Facilities: No planned further funding

A Proposed Funding Scenario

	Awarded, \$	Apprvd & New, \$	Total, \$
Facilities	332	-	332
People	290	195	485
Fundamental	253	240	493
Translational	174	280	454
Development	245	750	995
Total	1,294	1,465	2,759

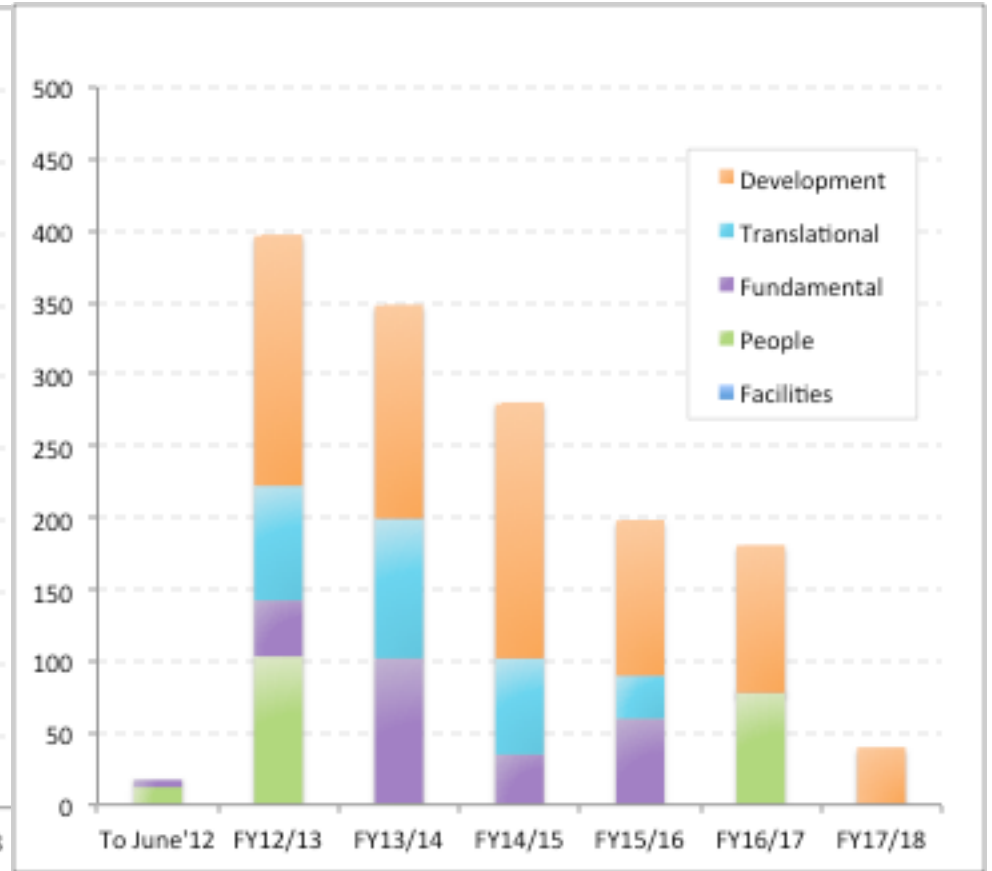
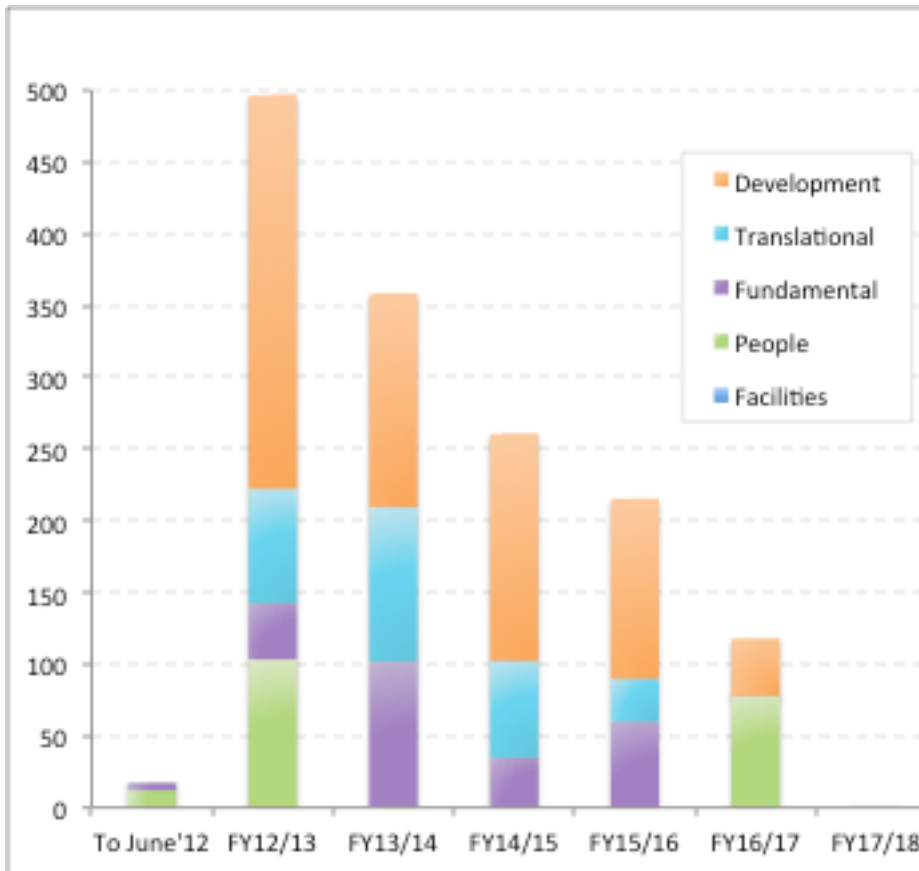
Development Funding to Achieve Key Outcome: Timing

- Scenario for Development Funding includes ~ \$670 MM, or ~33+ new development projects (at \$20 MM each)
- Upcoming Disease Team Therapy Development Awards (DTTD) ICOC allocated for \$240 million
- Key question - Is full funding of DTTD desirable?
 - Represents about 1/3 of total proposed development budget
 - Priority for Ph 1, 2 clinical programs within the next 2-3 years

\$ Awarded by Year, Approved & new RFAs

Scenario: Early Development Investment - Current

Scenario: Balanced* Development Investment - Recommended



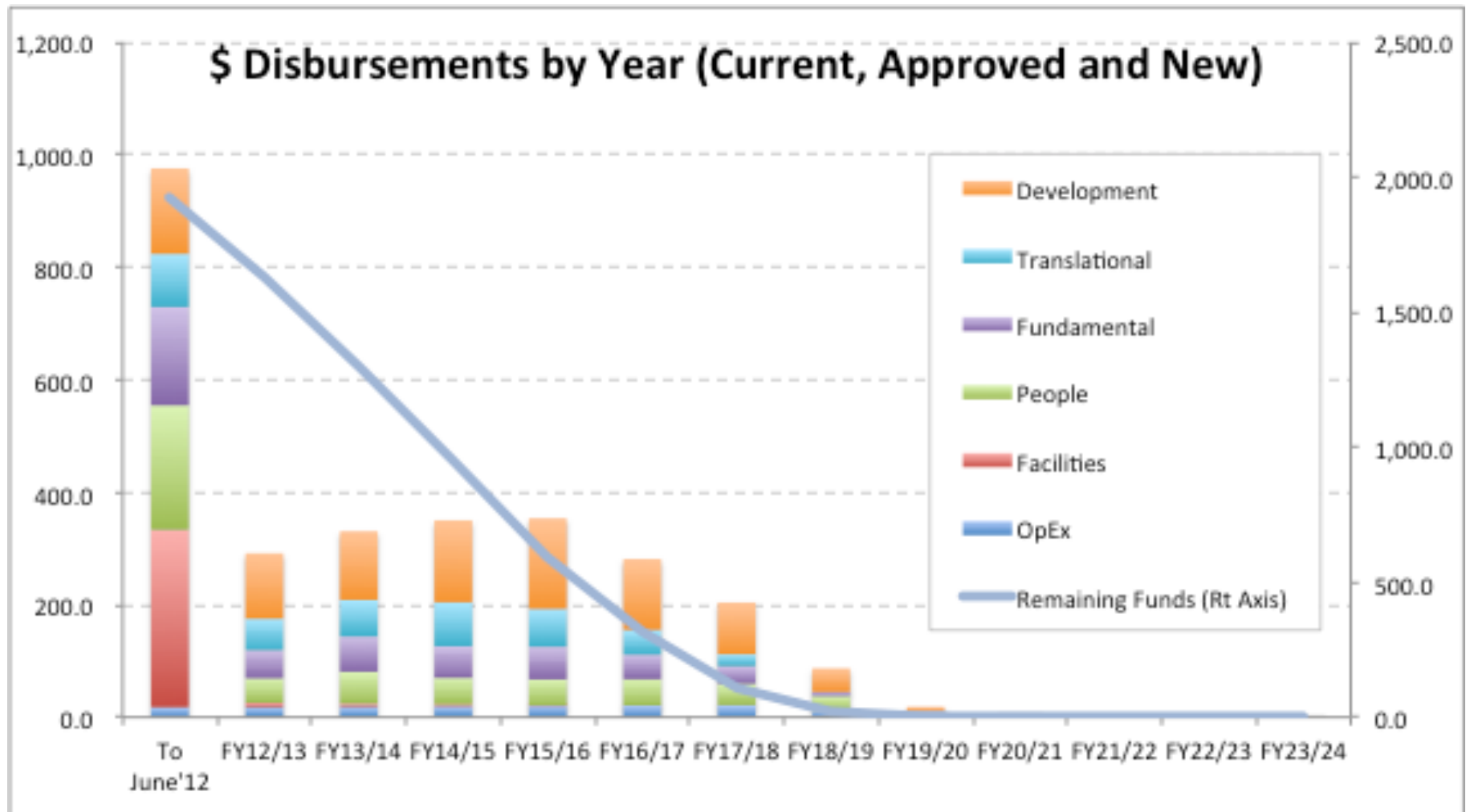
* Assumes \$140 MM funded for DTTD

Summary

- Realign funding programs, review and funding decisions with key strategic outcomes

Back-Up: detail

Scenario 1: Development - Early Investment



Scenario 2: Development – Balanced Investment

