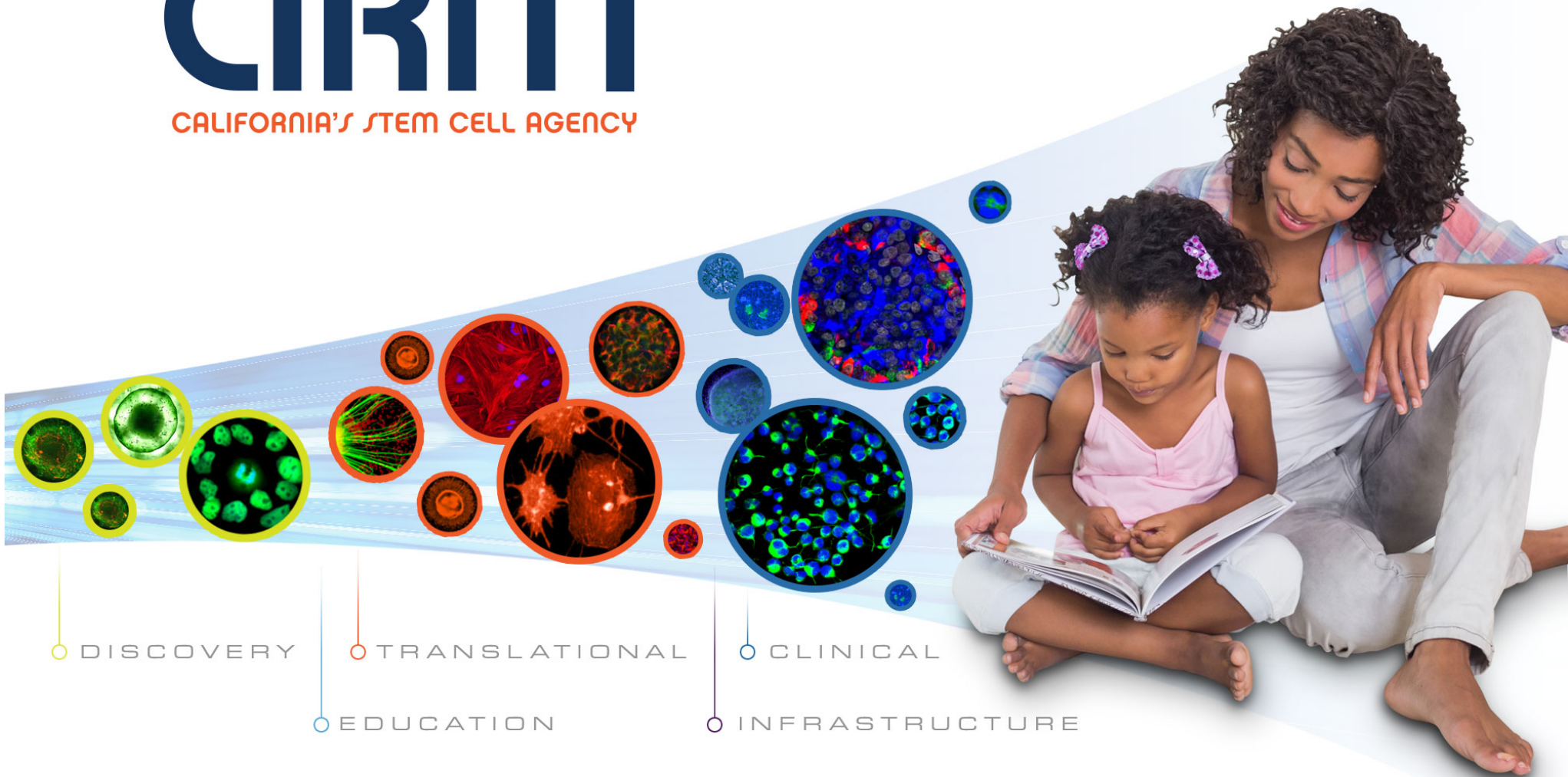


CIRM

CALIFORNIA'S STEM CELL AGENCY



Bridges and SPARK Programs: GWG Recommendations

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Presentation Overview

1. RFA Introduction of EDUC 2: Bridges to Stem Cell Research and Therapy Awards Program
2. Recommendations of the GWG for EDUC 2: Bridges to Stem Cell Research and Therapy Awards Program
3. RFA Introduction of EDUC 3: Summer Program to Accelerate Regenerative Medicine Knowledge (SPARK)
4. Recommendations of the GWG for EDUC 3: Summer Program to Accelerate Regenerative Medicine Knowledge (SPARK)

Bridges 1.0: A Program History

Bridges 1.0 Outcomes:

- >700 students completed the program
- 13 California State Universities and 3 community colleges
- Of former Bridges trainees:
 - 50% were working in lab jobs
 - 30% were enrolled in graduate or professional school
 - 15% were completing education program and/or applying to graduate school
- Bridges alumni are employed full time in labs at
 - >20 California universities and research institutes
 - >50 biotech and pharmaceutical companies (>90% in CA)

Bridges 2.0: A Reimagined Initiative Better Aligned with CIRM's Mission

Objective: To prepare California's undergraduate and Master's level students for highly productive careers in stem cell research & therapy development.

What We Are Keeping

- Hands-on research internship
- Stem cell techniques training course
- Educational enhancement related to stem cells
- Broadening participation from under-represented populations

Bridges 2.0: A Reimagined Initiative Better Aligned with CIRM's Mission

What We Are Adding

- Direct patient engagement activities
- Formal training on the regulatory pathway and development process
- Community outreach activities engaging diverse California communities in supporting healthcare initiatives
- Dynamic academic and career counseling for trainees and programs alumni

Bridges 2.0: A Reimagined Initiative Better Aligned with CIRM's Mission

Who may apply?

- California universities or colleges that do not have a major stem cell research program

What is the requested funding allocation, project funding, and project term?

- ICOC has approved up to \$45.7 million to support up to 15 awards
- Each award will support up to 10 trainees per year
- Programs will be supported up to 5 years

Scoring System for Education Program Applications

- Score of “75-100”
Exceptional merit and warrants funding.
- Score of “65-74”
Moderate scientific quality or applications where consensus on scientific merit cannot be reached, and may be suitable for programmatic consideration by the ICOC.
- Score of “64 and below”
Sufficiently flawed that it does not warrant funding.

Applications are scored by all scientific members of the GWG with no conflict.

Bridges 2.0: GWG Recommendations

	Number of Apps	Funds
Tier 1: Score 75-100 Recommended for Funding	14	\$40,134,339
Tier 2: Score 65-74 Moderate Quality or No Consensus; Suitable for Programmatic Review	1	\$3,044,635
Tier 3: Score 1-64 Not Recommended for Funding	2	\$5,565,000

Total Allocation: \$45.7M, up to 15 programs

Creativity Program: A History

Creativity Outcomes:

- Originally, \$3 million allocated to support up to 10 programs
- \$2.1 million awarded to 9 programs
 - 5 programs in northern California
 - 4 programs in southern California
- >240 high school students trained over 4 years
- >45 high schools throughout California from which students have been selected

SPARK: Summer Program to Accelerate Regenerative Medicine Knowledge

Objective: To provide summer training opportunities in stem cell research to high school students who represent the diversity of California's population, particularly those who might not otherwise have opportunities to take part in summer research internships due to socioeconomic constraints.

What We Are Keeping from Creativity Awards:

- Full time hands-on summer research internship
- Broadening participation from under represented populations
- Poster Day

SPARK: Summer Program to Accelerate Regenerative Medicine Knowledge

What We Are Adding:

- Direct patient engagement activities
- Preparatory training course before the commencement of research
- Community outreach activities engaging diverse California communities via social media

SPARK: Summer Program to Accelerate Regenerative Medicine Knowledge

Who may apply?

- California universities, colleges or research institutes with an established high school summer internship program

What is the requested funding allocation, project funding and project term?

- ICOC approved up to \$4 million to support up to 10 awards
- Each award will support a minimum of 5 and up to 10 trainees per year
- Programs will be supported for up to 5 years

SPARK: GWG Recommendations

	SPARK Apps	Funds
Tier 1: Score 75-100 Recommended for Funding	7	\$2,312,750
Tier 2: Score 65-74 Moderate Quality or No Consensus; Suitable for Programmatic Review	0	n/a
Tier 3: Score 1-64 Not Recommended for Funding	0	n/a

Total Allocation: \$4M, up to 10 programs