

SOMETHING BETTER THAN HOPE

Grants Working Group Recommendations
CIRM Bridges Training Program

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CIRM
CALIFORNIA / STEM CELL AGENCY

CIRM Continues to Create Funding Opportunities Across Five Major Pillars



DISCOVERY



TRANSLATION



CLINICAL



INFRASTRUCTURE



EDUCATION



Education Pillar: Training Programs 2005-2020

SPARK

HIGH SCHOOL

9 awards
454 trained
\$4M/ 9 yrs

Bridges

UNDERGRAD/MASTERS

16 awards
1611* trained
\$94M/ 12 yrs

Research Training

PRE/POSTDOCTORAL,
CLINICAL

18 awards
940 trained
\$117M/ 9 yrs

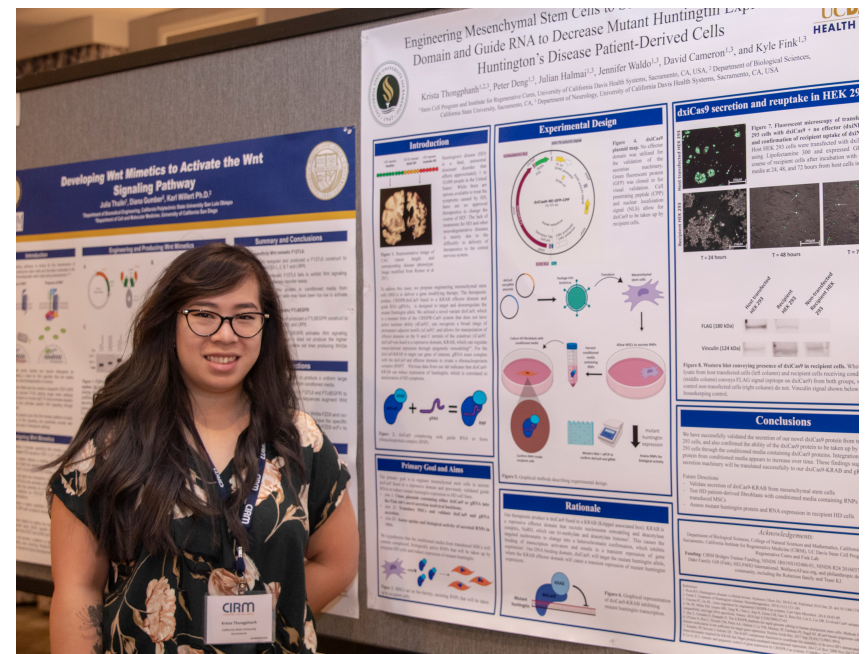
*Alumni and Presently Completing

Bridges Training Program: Undergraduate and Masters Level Training

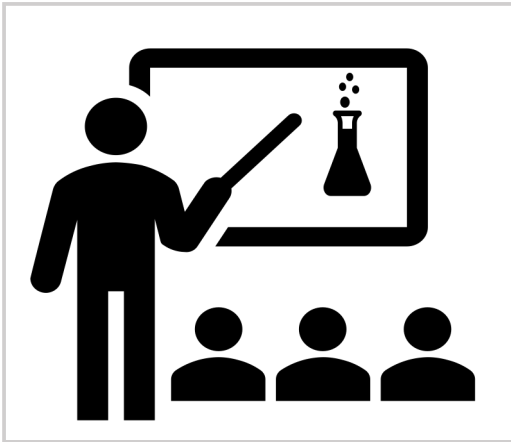
Objective: To prepare California's undergraduate and master's graduate students for highly productive careers in stem cell research and therapy development

Structure: Programs are integrated into bachelors, masters or certificate programs based at “home” institutions around the state of CA.

Programs “bridge” students to opportunities in research not available at their own institutions.



Bridges Training Program: Core Program Features



Coursework and Laboratory
Techniques



Patient Engagement and
Community Outreach



Paid Research Internships at Host
Institutions Lab



CIRM Annual Bridges Conference

Bridges Alumni: Outcomes and Impact (2009-2020)

- 1501 alumni in first 11 years
- 48% survey responders: first generation college students
- > 60% employed in R&D positions
 - 53% academic labs
 - 47% biotech/pharma
- About 35% in PhD, professional, or other graduate programs, including medical school
- Contributed to 261 publications in scientific journals while in program



*10th Annual Bridges Conference
July 2019, San Mateo, CA*

Bridges Training Program 2021

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 \$65 million to support up to 18 awards
- Each award will support up to 10 trainees per year
- Awards will provide up to \$3.6M for up to 5 years

Award Priorities

- Applications that offer matching funds or verified in-kind support
- Applications that enhance the geographic distribution of training and socio-economic diversity

Final Scoring System

- **Score of “85-100”**

Recommended for funding, if funds are available

- **Score of “1-84”**

Not recommended for funding

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

Patient advocate/nurse members: no DEI scores will be collected for this review cycle. Still piloting only in CLIN.

Review Criteria

1. Does the proposed program hold the necessary significance and potential for impact? (i.e., what is the value proposition? Will it have an impact on trainees?)
2. Is the training program well planned and designed?
3. Is the proposed program practical and achievable? (i.e., can they do it?)
4. Has the track record and outcomes of a prior training program demonstrated success?

GWG Recommendations

	Number of Apps	Total Applicant Request	Funds Available
Recommended for funding Score 85-100	14	\$48,268,695	\$65,000,000
Not recommended for funding Score 1-84	1		

CIRM Team Recommendation: Fund all projects (14) with a score of 85 or greater.

For each award, the final award amount shall not exceed the amount approved by the ICOC Application Review Subcommittee and may be reduced contingent on CIRM's assessment of allowable costs and activities.