

SOMETHING BETTER THAN HOPE

Grants Working Group Recommendations *CIRM Scholars Research 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

2006-2016 Research Training Grants

Objective: To create a diverse cadre of scientists with the knowledge and skill to lead effective stem cell research programs (“CIRM Scholars”); targeted PhD students, Post-Doctoral level and MDs

Structure: Each institution offered a single integrated program of training that was appropriate for the educational levels of its trainees and the expertise of its faculty

Funding: T1/2/3 grants (2006-2009) - RFA offered 2005
TG2 grants (2009-2017) - RFA last offered 2008



PRE/POSTDOCTORAL
and MD

2006 – 2016 Research Training Grants: Programs Across California



- Buck Institute
- UC Berkeley
- UC San Francisco
- Gladstone
- UC Santa Cruz
- Stanford
- UC Davis

- UC Santa Barbara
- City of Hope
- Caltech*
- CHLA
- UC Los Angeles
- USC
- UC Irvine
- Scripps
- Sanford-Burnham
- UC San Diego
- Salk Institute

* 2006-2009

2006-2016 Research Training Program and Outcomes

- Trained 940 “CIRM Scholars” future leaders of effective stem cell research programs
 - 321 PhD students
 - 453 Postdocs
 - 166 MDs
- 1100 scientific publications cite Trainee grant support
- Outcomes from 2013 Survey (n=430)
 - 56% continued to further training
 - 14% advanced to an academic research faculty position
 - 10.5% advanced to a biotech/industry position
 - 12% advanced to a non-research position such as teaching, medical practice, or foundation/government work

“CIRM Scholar” Training Program 2021

Who may apply?

- California universities or colleges and non-profit academic/research institutions

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

- ICOC approved up to \$100 million to support up to 20 awards
- Awards provide up to \$5M for up to 5 years
- Support training of any combination of predoctoral graduate students, postdoctoral trainees, and clinical trainees.

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.

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	18	\$86,424,785	\$100,000,000
Not recommended for funding Score 1-84	0		

CIRM Team Recommendation: Fund all projects (18) 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.