

Career Development Award in Translational Cancer Research

Grant Amount: \$100,000

Tower Cancer Research Foundation supports forward thinking research work in Southern California. The goal of the Career Development award is to support young investigators to continue their laboratory studies while they improve their ability to get further funding. In general, the scientific advisory board evaluates grant applications based on the following criteria:

- Novelty of hypothesis
- Scientific quality
- Potential for revealing something meaningful about cancer
- Feasibility of the proposal
- Evidence of institutional support for the project

Eligibility Requirements

- Applicants must not be beyond the first five years of a junior faculty appointment. (A junior faculty position is not required.)
- Applicants must be Southern California based (Los Angeles, Orange, Riverside, San Bernardino, San Diego, Ventura, Santa Barbara, Imperial, Inyo, Mono)
- The project must entail research directed towards potential oncological clinical applications in the area of molecular therapeutics or diagnostics of cancer. The project may be laboratory-based or “translational”, meaning it may involve clinical subjects but must have a direct laboratory component.
- The Principal Investigator must hold either an MD or a PhD (or both) and working in an existing active lab.
- 50% of the Principal Investigator 's time must be protected time for research in general (not necessarily for the proposed project only)
- Principal Investigators are not required to have funds already secured in order to apply for the Career Development Grant. Likewise, investigators with other private or government funding are still eligible to apply.

Funding Terms

- Career Development Grantees will be awarded a one-time payment of \$100,000
- Multiple Career Development Awards will be granted.
- All grant awards are for 1 year only. The grant award must be used to cover research related expenses during the terms of the agreement. There are no opportunities of grant renewal.
- Grant funds are to be applied towards salary, processing fees, equipment and/or supplies. There is no salary cap for Principal Investigators. Grant funds are not permitted to be used for overhead expenses (i.e. rental expenses, equipment maintenance, and insurance fees are not allowable costs).

Submission Procedures

- Submissions are due Friday, October 14, 2022 by 5pm (PST). Applicants will receive an email confirming receipt of the submission.
- For questions regarding the application or application process contact Kelli Sargent at (310) 299-8470 or kelli@towercancer.org
- Applications will be reviewed by a panel of renowned clinician-scientists determined by Tower Cancer Research Foundation. Applicants will be notified by no later than Wednesday, November 23, 2022 of the panel's decision.

Formatting Guidelines

- The Survey MonkeyApply (SMapply) grant portal will require you to fill in forms and upload required documents for a complete application. The step-by-step process allows you to fill out your application at your own pace, save your work, and edit the application until you are ready to submit.
- **Please use the following formatting guidelines where applicable:**
 - Title each PDF upload as:
 - Last Name.CareerDevelopmentGrant.Institution.SectionName
 - Include a header with the applicant's last name, first name, section name in the upper right-hand corner of each page
 - Use Times New Roman or Arial in font size 11. Minimum of 0.8 inch paper margins on all sides.
- **Section 6: Description of Proposed Project:** Include a footer with the page number on the bottom right-hand corner and adhere to the page maximums indicated for each section. Only complete and correctly ordered applications will be considered.
- **Section 9: Budget:** Follow directions on the application

Application Outline

1. Table of Contents

Create a table of contents with the corresponding page numbers for each section of the application:

- Section 1: Basic Information
- Section 2: Non-Technical Abstract
- Section 3: Technical Abstract
- Section 4: Applicant's Biographical Sketch
- Section 5: Mentor's NIH Biographical Sketch and biographical sketch of other collaborators
- Section 6: Description of Proposed Project
- Section 7: References
- Section 8: Letters of Recommendation (to include a Mentor if applicable)
- Section 9: Budget
- Section 10: Certifications or Statements of Exemption

1. Basic Information

Complete the Investigator Basic Information forms:

Basic information Form

1. Project Title (Do not exceed 100 typewritten spaces):

APPLICANT INFORMATION

2. Name of Applicant:

3. Applicant's Degree(s): M.D. Ph.D. Other

4. Applicant's institution:

5. Applicant's department:

6. Type of Institution/Organization:

Federal State Local Private Nonprofit

7. Institution's Federal ID Number:

8. Applicant's mailing Address:

<input type="text"/>	<input type="text"/>	<input type="text"/>
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City

State

Zip Code

9. Applicant's telephone number:

10. Applicant's email address:

SPONSOR OR MENTOR INFORMATION

11. Name :

12. Degree(s):

 M.D. Ph.D. Other

13. Institution:

14. Department:

15. Mailing address:

<input type="text"/>	<input type="text"/>	<input type="text"/>
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City

State

Zip Code

16. Telephone number:

17. Email address:

FISCAL OFFICE INFORMATION

18. Name of Fiscal Office grant contact:

19. Mailing address of Fiscal Office grant contact:

<input type="text"/>	<input type="text"/>	<input type="text"/>
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City

State

Zip Code

20. Telephone number of Fiscal Office grant contact:

21. Email address of Fiscal Office grant contact:

SIGNING OFFICIAL INFORMATION

22. Name of official signing for sponsor organization:

23. Title of official signing for sponsor organization:

24. Mailing address of official signing for sponsor organization:

<input type="text"/>	<input type="text"/>	<input type="text"/>
City	State	Zip Code

25. Telephone number of official signing for sponsor organization:

26. Email address of official signing for sponsor organization:

PROJECT INFORMATION

27. Certifications:

a) Vertebrate Animals: Yes No

If yes, specify IACUC approval date:

b) Human Subjects: Yes No

If yes, specify IRB approval date or exemption number:

c) Biohazards: Yes No

If yes, specify Biohazard Committee approval date or exemption number:

28. Applicant's Research Involvement – Approximately what percentage of the applicant's time will be devoted to the following:

Research	
Clinical Work	
Teaching	
Administration	
Other (Specify)	

***NOTE: applicants must spend a minimum of 50% of his/her time on research in general (not necessarily on the proposed project alone).

29. If selected, checks should be made payable to:

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WAIVER

By signing this RESEARCH GRANT AWARD form (the “Applicant”), each of the signatories (collectively, the “Applicants”) hereby release, discharge and absolve TOWER CANCER RESEARCH FOUNDATION, and its respective successors, assigns, affiliates, officers, directors, employees and agents (collectively, “TOWER CANCER RESEARCH FOUNDATION Parties”), from any and all actions, suits, claims and demands of any kind whatsoever, which the Applicants or their heirs, executors, administrators and assigns, not limited to, the operation of the application process and the determination and awarding of fellowships and grants. Applicants further agree that in no event will TOWER CANCER RESEARCH FOUNDATION Parties be liable for any direct, indirect, consequential or exemplary damages arising from or relating in any way to this Application.

I declare that to the best of my knowledge the statement and other information contained in this application are truthful, complete and accurate. I further understand that an incomplete application will not be reviewed.

Applicant signature - *person named in 2* (“Per” signature not acceptable)

_____ Date _____

Signature of *person named in 11* (“Per” signature not acceptable)

_____ Date _____

Institutional Official signature - *person named in 22* (“Per” signature not acceptable)

_____ Date _____

2. Non-Technical Abstract (maximum of 100 words)

Briefly describe the project in 100 words or less using NON-TECHNICAL language. The description should explain the significance of the proposed work to the field. It should be understandable to the average reader of a daily newspaper.

3. Technical Abstract (maximum of 100 words)

Briefly describe the project in 100 words or less using TECHNICAL language. The description should explain the significance of the proposed work to the field.

4. Applicant’s Biographical Sketch

Submit your official NIH Biographical Sketch (NIH Format if applicable)

5. Mentor’s NIH Biographical Sketch and biographical sketch of other collaborators

Submit the mentor’s official NIH Biographical Sketch and other support (NIH Format if applicable)

6. Description of Proposed Project (max of 10 pages including tables, figures etc.)

Provide a clear statement of the work to be undertaken and may include (but is not limited to):

- Background and Relevant Knowledge
- Specific Aims
- Research Plan
- Study Population
- Methods
- Data Analysis
- Analytic Strategy
- Discussion and Expected Outcomes
- Relevance
- Significance
- Statement on Innovation

7. References (Not included in 10 page limit)

References pertinent to proposed project only

8. Letters of Recommendation (Not included in 10 page limit)

Include three signed letters of recommendation from individuals familiar with your work/and or training. Letters should be on official institutional letterhead and should include recommenders contact information. To include a mentor if applicable

9. Budget

The Budget Template is located in the Budget section on SMAApply. Applicants are to provide a proposed cumulative budget for the grant period.

10. Certifications or Statements of Exemption (if applicable)

- a. Vertebrate Animals Certification (either the IRB-approved protocol covering the project or the NIH Human Subjects Research Certificate)
- b. Human Subjects Certification (either the respective agency numbers or the actual CITI certifications for the Principal Investigator)
- c. Biohazard Certification