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CANCER PREVENTION & RESEARCH  
INSTITUTE OF TEXAS

**REQUEST FOR APPLICATIONS**  
**RFA R-17.1-IIRACB**

**Individual Investigator Research Awards for  
Computational Biology**

**Please also refer to the Instructions for Applicants document, which will  
be posted on March 21, 2016**

**Application Receipt Opening Date:** March 21, 2016

**Application Receipt Closing Date:** May 19, 2016

**FY 2017**

Fiscal Year Award Period  
September 1, 2016 - August 31, 2017

## TABLE OF CONTENTS

<b>1. ABOUT CPRIT</b> .....	<b>4</b>
1.1. RESEARCH PROGRAM PRIORITIES .....	4
<b>2. RATIONALE</b> .....	<b>4</b>
<b>3. RESEARCH OBJECTIVES</b> .....	<b>5</b>
<b>4. FUNDING INFORMATION</b> .....	<b>6</b>
<b>5. ELIGIBILITY</b> .....	<b>7</b>
<b>6. RESUBMISSION POLICY</b> .....	<b>8</b>
<b>7. RENEWAL POLICY</b> .....	<b>8</b>
<b>8. RESPONDING TO THIS RFA</b> .....	<b>9</b>
8.1. APPLICATION SUBMISSION GUIDELINES .....	9
8.1.1. <i>Submission Deadline Extension</i> .....	9
8.2. APPLICATION COMPONENTS .....	9
8.2.1. <i>Abstract and Significance (5,000 characters)</i> .....	9
8.2.2. <i>Layperson’s Summary (2,000 characters)</i> .....	10
8.2.3. <i>Goals and Objectives</i> .....	10
8.2.4. <i>Timeline (1 page)</i> .....	10
8.2.5. <i>Resubmission Summary(1 page)</i> .....	11
8.2.6. <i>Renewal Summary (2 pages)</i> .....	11
8.2.7. <i>Research Plan (10 pages)</i> .....	11
8.2.8. <i>Vertebrate Animals and/or Human Subjects (1 page)</i> .....	11
8.2.9. <i>Publications/References</i> .....	12
8.2.10. <i>Budget and Justification</i> .....	12
8.2.11. <i>Biographical Sketches (5 pages each)</i> .....	13
8.2.12. <i>Current and Pending Support</i> .....	13
8.2.13. <i>Institutional/Collaborator Support and/or Other Certification (4 pages)</i> .....	13
<b>9. APPLICATION REVIEW</b> .....	<b>13</b>
9.1. PRELIMINARY EVALUATION.....	13
9.2. FULL PEER REVIEW .....	14
9.3. CONFIDENTIALITY OF REVIEW .....	15
9.4. REVIEW CRITERIA.....	15
9.4.1. <i>Primary Criteria</i> .....	16
9.4.2. <i>Secondary Criteria</i> .....	17
<b>10. KEY DATES</b> .....	<b>17</b>
<b>11. AWARD ADMINISTRATION</b> .....	<b>17</b>
<b>12. REQUIREMENT TO DEMONSTRATE AVAILABLE FUNDS</b> .....	<b>18</b>
<b>13. CONTACT INFORMATION</b> .....	<b>19</b>
13.1. HELPDESK .....	19
13.2. SCIENTIFIC AND PROGRAMMATIC QUESTIONS .....	19

## RFA VERSION HISTORY

Rev 02/19/16 RFA release

Rev 02/22/16 Section 4 – Funding Information: Hyper-link was updated

Section 7 – Renewal Policy: Hyper-link was updated

Section 10 – Key Dates: Corrected Application Review dates from June-October to June-September 2016

ARCHIVE

## 1. ABOUT CPRIT

The state of Texas has established the Cancer Prevention and Research Institute of Texas (CPRIT), which may issue up to \$3 billion in general obligation bonds to fund grants for cancer research and prevention.

CPRIT is charged by the Texas Legislature to do the following:

- Create and expedite innovation in the area of cancer research and in enhancing the potential for a medical or scientific breakthrough in the prevention of or cures for cancer;
- Attract, create, or expand research capabilities of public or private institutions of higher education and other public or private entities that will promote a substantial increase in cancer research and in the creation of high-quality new jobs in the state of Texas; and
- Develop and implement the Texas Cancer Plan.

### 1.1. Research Program Priorities

The Texas Legislature has charged the CPRIT Oversight Committee with establishing program priorities on an annual basis. These priorities are intended to provide transparency in how the Oversight Committee directs the orientation of the agency's funding portfolio. The principles and priorities of the Scientific Research program will guide CPRIT staff, peer reviewers, and the Scientific Review Council on the development and issuance of program-specific Requests for Applications (RFAs) and the evaluation of applications submitted in response to those RFAs. The program priorities for research adopted by the Oversight Committee include funding projects that address the following:

- A broad range of innovative, investigator-initiated research projects;
- Prevention and early detection;
- Rare and intractable cancers, including childhood cancers;
- Cancers of importance in Texas;
- Computational biology and analytic methods; and
- Building infrastructure.

## 2. RATIONALE

Cancer is a complex disease involving multiple genetic alterations that result in modifications of a large number of cellular processes, both within the cancer cell and in surrounding host tissues. Descriptions of morphological and physiological alterations in cancers using imaging

technologies have generated enormous quantities of data, as have analyses of the changes in cancer cells at the molecular and pathway levels. New methods from mathematical and computational biology for cataloging and analyzing such data may accelerate the ability to define cancer prognosis and patient management.

Additionally, it is becoming quite clear that the approach of inhibiting one altered gene or pathway will not be curative for most cancers. Because cancer cell behavior is governed by multiple, nonlinear, interacting pathways, a systems approach is needed. Mathematical models that describe the behavior of cancer cells and how they interact with one another and their environment might be used to predict their responses to combinations and/or sequences of targeted therapies. The use of such computational models could facilitate a deeper understanding of how cancers progress, and/or evolve resistance, as well as accelerate progress in drug development and patient selection for various treatments.

Other work across the spectrum of mathematical and computational biology may address a wide array of problems and challenges in cancer research, including statistical (data analysis), dimensional (visualization), mechanistic (multiscale modeling), and semantic (natural language) research topics.

### **3. RESEARCH OBJECTIVES**

This Request for Applications (RFA) solicits applications for innovative mathematical or computational research projects addressing questions that will advance current knowledge in any aspect of cancer. Applications may address any topic or issue related to cancer causation, identification of populations at risk, prevention, early progression, early detection, treatment, or outcomes. For example, research may address data analysis of cellular pathways, microarrays, cellular imaging, cancer imaging, or genomic, proteomic, and metabolomic databases. It may address descriptive and/or predictive mathematical models of cancer, as well as mechanistic models of cellular processes and interactions. Finally, it may also use artificial intelligence approaches to build new tools for mining cancer research and treatment databases or optimizing treatment strategies. Partnering of computational scientists with cancer biologists or oncologists is highly recommended; a truly interdisciplinary team that addresses models that could become simulations of structure or pathway functional relationships and changes of these relationships over the disease progression is highly recommended. CPRIT expects the outcomes of activities supported by this mechanism to lead to new insights into cancer biology or clinical outcomes in

the long term. CPRIT encourages applications that seek to apply or develop state-of-the-art technologies, tools, and/or resources. Successful applicants should be working in a research environment capable of supporting potentially high-impact studies in computational biology, biostatistics, and/or mathematics.

The subject of applications may include, but is not limited to, the following:

- Innovative analyses of various cancer-related databases
- Computational systems biology approaches to cancer drug development
- Identification of subjects at risk of developing cancer
- Image analysis of cells, tissues, organs, and human subjects
- In silico models of cancer development
- Models of tumor-stromal interactions and how they modify progression and treatment
- New methodologies for design of clinical trials
- Modeling of cancer outcomes and economics
- Models of cancer cell signaling systems
- Modeling the aspects of cancer evolution and treatment resistance
- Innovative modeling and quantification of tumor-microenvironment interactions
- Modeling the impact of combinations and sequences of targeted therapy applied to cancer cells

The *degree of relevance* to reducing the burden of cancer will be an important criterion for evaluation of projects for funding by CPRIT.

#### **4. FUNDING INFORMATION**

Applicants may request a maximum of \$300,000 in total costs per year for up to 3 years. Exceptions to these limits may be requested if extremely well justified (see [section 8.2.10](#)). Funds may be used for salary and fringe benefits, research supplies, equipment, and travel to scientific/technical meetings or collaborating institutions. Requests for funds to support construction and/or renovation will not be approved under this funding mechanism. State law limits the amount of award funding that may be spent on indirect costs to no more than 5% of the total award amount.

## 5. ELIGIBILITY

- The applicant must be a Texas-based entity. Any not-for-profit institution or organization that conducts research is eligible to apply for funding under this award mechanism. A public or private company is not eligible for funding under this award mechanism; these entities must use the appropriate award mechanism(s) under CPRIT's Product Development Program.
- The Principal Investigator (PI) must have a doctoral degree, including MD, PhD, DDS, DMD, DrPH, DO, DVM, or equivalent, and must reside in Texas during the time the research that is the subject of the grant is conducted.
- A PI may submit only 1 new application under this RFA during this funding cycle. A PI may not submit applications to this RFA and to RFA-R-17.1-IIRA, RFA R-17.1-IIRACCA or RFA-R-17.1-IIRAP. Only 1 IIRACB application per cycle is allowed. An investigator who is the PI on 3 or more CPRIT grants of any type that will be active December 1, 2016, is not eligible to submit an application in response to this RFA.
- Applications that address untargeted research, Prevention and Early Detection, or Cancers in Children and Adolescents should be submitted under the appropriate targeted RFA.
- Because this award mechanism is intended to support research directed by a single investigator, only 1 Co-PI may be included. Collaborators should have specific and well-defined roles.
- Subcontracting and collaborating organizations may include public, not-for-profit, and for-profit entities. Such entities may be located outside of the state of Texas, but non-Texas-based organizations are not eligible to receive CPRIT funds.
- An applicant is eligible to receive a grant award only if the applicant certifies that the applicant institution or organization, including the PI, any senior member or key personnel listed on the grant application, or any officer or director of the grant applicant's institution or organization (or any person related to 1 or more of these individuals within the second degree of consanguinity or affinity), has not made and will not make a contribution to CPRIT or to any foundation specifically created to benefit CPRIT.
- An applicant is not eligible to receive a CPRIT grant award if the applicant PI, any senior member or key personnel listed on the grant application, or any officer or director of the grant applicant's organization or institution is related to a CPRIT Oversight Committee member.

- The applicant must report whether the applicant institution or organization, the PI, or other individuals who contribute to the execution of the proposed project in a substantive, measurable way, whether or not those individuals are slated to receive salary or compensation under the grant award, are currently ineligible to receive federal grant funds, or have had a grant terminated for cause within 5 years prior to the submission date of the grant application.
- CPRIT grants will be awarded by contract to successful applicants. Certain contractual requirements are mandated by Texas law or by administrative rules. Although applicants need not demonstrate the ability to comply with these contractual requirements at the time the application is submitted, applicants should make themselves aware of these standards before submitting a grant application. Significant issues addressed by the CPRIT contract are listed in [section 11](#) and [section 12](#). All statutory provisions and relevant administrative rules can be found at [www.cprit.state.tx.us](http://www.cprit.state.tx.us).

## **6. RESUBMISSION POLICY**

An application previously submitted to CPRIT but not funded may be resubmitted once and must follow all resubmission guidelines. More than 1 resubmission is not permitted. An application is considered a resubmission if the proposed project is the same project as presented in the original submission. A change in the identity of the PI for a project or a change of title of the project that was previously submitted to CPRIT does not constitute a new application; the application would be considered a resubmission. This policy is in effect for all applications submitted to date. See [section 8.2.5](#).

## **7. RENEWAL POLICY**

An application originally funded by CPRIT as an IIRA that is appropriate for the IIRACB mechanism may be submitted under this RFA for a competitive renewal. See [section 8.2.6](#). Competitive renewals are not subject to preliminary evaluation. Renewal applications move directly to the full peer review phase. See [section 9.2](#).

## 8. RESPONDING TO THIS RFA

### 8.1. Application Submission Guidelines

Applications must be submitted via the CPRIT Application Receipt System (CARS) (<https://CPRITGrants.org>). **Only applications submitted through this portal will be considered eligible for evaluation.** The applicant is eligible solely for the grant mechanism specified by the RFA under which the grant application was submitted. The PI must create a user account in the system to start and submit an application. The Co-PI, if applicable, must also create a user account to participate in the application. Furthermore, the Authorized Signing Official (ASO) (a person authorized to sign and submit the application for the organization) and the Grants Contract/Office of Sponsored Projects Official (the individual who will manage the grant contract if an award is made) also must create a user account in CARS. Applications will be accepted beginning at 7 AM central time on March 21, 2016, and must be submitted by 3 PM central time on May 19, 2016. **Submission of an application is considered an acceptance of the terms and conditions of the RFA.**

#### 8.1.1. Submission Deadline Extension

The submission deadline may be extended for 1 or more grant applications upon a showing of good cause. A request for a deadline extension based on the need to complete multiple CPRIT or other grants applications will be denied. All requests for extension of the submission deadline must be submitted via email to the CPRIT HelpDesk. Submission deadline extensions, including the reason for the extension, will be documented as part of the grant review process records. Please note that deadline extension requests are very rarely approved.

### 8.2. Application Components

Applicants are advised to follow all instructions to ensure accurate and complete submission of all components of the application. Please refer to the *Instructions for Applicants* document for details that will be available when the application receipt system opens. Submissions that are missing 1 or more components or do not meet the eligibility requirements listed in [section 5](#) will be administratively withdrawn without review.

#### 8.2.1. Abstract and Significance (5,000 characters)

Clearly explain the question or problem to be addressed and the approach to its answer or solution. The specific aims of the application must be obvious from the abstract although they need not be restated verbatim from the Research Plan. Clearly address how the proposed project,

if successful, will have a major impact on cancer. Summarize how the proposed research creates new paradigms or challenges existing ones. Indicate whether this research plan represents a new direction for the PI.

**Note:** It is the responsibility of the applicant to capture CPRIT's attention primarily with the Abstract and Significance statement alone. Therefore, applicants are advised to prepare this section wisely. Applicants should not waste this valuable space by stating obvious facts (eg, that cancer is a significant problem; that better diagnostic and therapeutic approaches are needed urgently; or that the type of cancer of interest to the PI is important, vexing, or deadly). **Based on this statement (and the Budget and Justification and Biographical Sketches), applications that are judged to offer only modest contributions to the field of cancer research or that do not sufficiently capture the reviewers' interest may be excluded from further peer review (see [section 9.1](#)).**

### **8.2.2. Layperson's Summary (2,000 characters)**

Provide a layperson's summary of the proposed work. Describe, in simple, nontechnical terms, the overall goals of the proposed work, the type(s) of cancer addressed, the potential significance of the results, and the impact of the work on advancing the field of cancer research, early diagnosis, prevention, or treatment. The information provided in this summary will be made publicly available by CPRIT, particularly if the application is recommended for funding. Do not include any proprietary information in the Layperson's Summary. The Layperson's Summary will also be used by advocate reviewers ([section 9.2](#)) in evaluating the significance and impact of the proposed work.

### **8.2.3. Goals and Objectives**

List specific goals and objectives for each year of the project. These goals and objectives will also be used during the submission and evaluation of progress reports and assessment of project success.

### **8.2.4. Timeline (1 page)**

Provide an outline of anticipated major milestones to be tracked. Timelines will be reviewed for reasonableness, and adherence to timelines will be a criterion for continued support of successful applications. If the application is approved for funding, this section will be included in the award contract. Applicants are advised not to include information that they consider confidential or proprietary when preparing this section.

### 8.2.5. Resubmission Summary (1 page)

Applicants preparing a resubmission must describe the approach to the resubmission. If a summary statement was prepared for the original application review, applicants are advised to address all noted concerns.

**Note:** An application previously submitted to CPRIT but not funded may be resubmitted once after careful consideration of the reasons for lack of prior success. Applications that received overall numerical scores of 5 or higher are likely to need considerable attention. Applicants may prepare a fresh Research Plan or modify the original Research Plan and mark the changes. However, all resubmitted applications should be carefully reconstructed; a simple revision of the prior application with editorial or technical changes is not sufficient, and applicants are advised not to direct reviewers to such modest changes.

### 8.2.6. Renewal Summary (2 pages)

Applicants preparing a renewal must describe and demonstrate that appropriate/adequate progress has been made on the current funded award to warrant further funding. Publications and manuscripts in press that have resulted from work performed during the initial funded period should be listed in the renewal summary.

### 8.2.7. Research Plan (10 pages)

**Background:** Present the rationale behind the proposed project, emphasizing the pressing problem in cancer research that will be addressed.

**Hypothesis and Specific Aims:** Concisely state the hypothesis and/or specific aims to be tested or addressed by the research described in the application.

**Research Strategy:** Describe the experimental design, including methods, anticipated results, potential problems or pitfalls, and alternative approaches.

### 8.2.8. Vertebrate Animals and/or Human Subjects (1 page)

If vertebrate animals will be used, provide an outline of the appropriate protocols that will be followed. If human subjects or human biological samples will be used, provide a plan for recruitment of subjects or acquisition of samples that will meet the time constraints of this award mechanism.

### 8.2.9. Publications/References

Provide a concise and relevant list of publications/references cited for the application.

### 8.2.10. Budget and Justification

Provide a compelling justification of the budget for the entire proposed period of support, including salaries and benefits, supplies, equipment, patient care costs, animal care costs, and other expenses. Applicants may request a maximum of \$300,000 in total costs per year for up to 3 years. Applicants are advised not to interpret the maximum allowable time and funding under this award as a suggestion that they should expand their anticipated work and budget to this level. Reasonable budgets clearly work in favor of the applicant.

However, if there is a highly specific and defensible need to request more than the maximum amount in any year(s) of the proposed budget, include a special and clearly labeled section in the budget justification that explains the request. Poorly justified requests of this type will likely have a negative impact on the overall evaluation of the application.

In preparing the requested budget, applicants should be aware of the following:

- Equipment having a useful life of more than 1 year and an acquisition cost of \$5,000 or more per unit must be specifically approved by CPRIT. An applicant does not need to seek this approval prior to submitting the application.
- Texas law limits the amount of grant funds that may be spent on indirect costs to no more than 5% of the total award amount (5.263% of the direct costs). Guidance regarding indirect cost recovery can be found in CPRIT's Administrative Rules, which are available at [www.cprit.state.tx.us](http://www.cprit.state.tx.us). So-called grants management and facilities fees (eg, sponsored programs fees; grants and contracts fees; electricity, gas, and water; custodial fees; maintenance fees) may not be requested. Applications that include such budgetary items will be rejected administratively and returned without review.
- The annual salary (also referred to as direct salary or institutional base salary) that an individual may receive under a CPRIT award for FY 2017 is \$200,000; CPRIT FY 2017 is from September 1, 2016, through August 31, 2017. Salary does not include fringe benefits and/or facilities and administrative (F&A) costs, also referred to as indirect costs. An individual's institutional base salary is the annual compensation that the applicant organization pays for an individual's appointment, whether that individual's time is spent on research, teaching, patient care, or other activities. Base salary excludes any income

that an individual may be permitted to earn outside of his or her duties to the applicant organization.

### **8.2.11. Biographical Sketches (5 pages each)**

Applicants should provide a biographical sketch that describes their education and training, professional experience, awards and honors, and publications relevant to cancer research. A biographical sketch must be provided for the PI and, if applicable, the Co-PI (as required by the online application receipt system). Up to 2 additional biographical sketches for key personnel may be provided. Each biographical sketch must not exceed 5 pages. The NIH Biosketch format is appropriate.

### **8.2.12. Current and Pending Support**

Describe the funding source and duration of all current and pending support for all personnel who have included a biographical sketch with the application. For each award, provide the title, a 2-line summary of the goal of the project and, if relevant, a statement of overlap with the current application. At a minimum, current and pending support of the PI and, if applicable, the Co-PI must be provided.

### **8.2.13. Institutional/Collaborator Support and/or Other Certification (4 pages)**

Applicants may provide letters of institutional support, collaborator support, and/or other certification documentation relevant to the proposed project. A maximum of 4 pages may be provided.

**Applications that are missing 1 or more of these components, exceed the specified page, word, or budget limits, or that do not meet the eligibility requirements listed above will be administratively rejected without review.**

## **9. APPLICATION REVIEW**

### **9.1. Preliminary Evaluation**

To ensure the timely and thorough review of only the most innovative and cutting-edge research with the greatest potential for advancement of cancer research, all eligible applications may be preliminarily evaluated by CPRIT Scientific Research Program panel members for scientific merit and impact.

**This preliminary evaluation will be based on a subset of material presented in the application—namely Abstract and Significance, Budget and Justification, and Biographical Sketches. Applications that do not sufficiently capture the reviewers’ interest at this stage will not be considered for further review. Such applications will have been judged to offer only modest contributions to the field of cancer research and will be excluded from further peer review.**

The applicant will be notified of the decision to disapprove the application after the preliminary evaluation stage has concluded. Due to the volume of applications to be reviewed, comments made by reviewers at the preliminary evaluation stage may not be provided to applicants. The preliminary evaluation process will be used only when the number of applications exceeds the capacity of the review panels to conduct a full peer review of all received applications.

## **9.2. Full Peer Review**

Applications that pass preliminary evaluation will undergo further review using a 2-stage peer review process: (1) Full peer review and (2) prioritization of grant applications by the CPRIT Scientific Review Council. In the first stage, applications will be evaluated by an independent peer review panel consisting of scientific experts as well as advocate reviewers using the criteria listed below. In the second stage, applications judged to be most meritorious by the peer review panels will be evaluated and recommended for funding by the CPRIT Scientific Review Council based on comparisons with applications from all of the peer review panels and programmatic priorities. Applications approved by Scientific Review Council will be forwarded to the CPRIT Program Integration Committee (PIC) for review. The PIC will consider factors including program priorities set by the Oversight Committee, portfolio balance across programs, and available funding. The CPRIT Oversight Committee will vote to approve each grant award recommendation made by the PIC.

The grant award recommendations will be presented at an open meeting of the Oversight Committee and must be approved by two-thirds of the Oversight Committee members present and eligible to vote. The review process is described more fully in CPRIT’s Administrative Rules, chapter 703, sections 703.6 to 703.8.

Applicants will be notified of peer review panel assignment prior to the peer review meeting dates.

### 9.3. Confidentiality of Review

Each stage of application review is conducted confidentially, and all CPRIT Scientific Peer Review Panel members, Scientific Review Council members, PIC members, CPRIT employees, and Oversight Committee members with access to grant application information are required to sign nondisclosure statements regarding the contents of the applications. All technological and scientific information included in the application is protected from public disclosure pursuant to Health and Safety Code §102.262(b).

Individuals directly involved with the review process operate under strict conflict-of-interest prohibitions. All CPRIT Scientific Peer Review Panel members and Scientific Review Council members are non-Texas residents.

An applicant will be notified regarding the peer review panel assigned to review the grant application. Peer review panel members are listed by panel on CPRIT's website. **By submitting a grant application, the applicant agrees and understands that the only basis for reconsideration of a grant application is limited to an undisclosed Conflict of Interest as set forth in CPRIT's Administrative Rules, chapter 703, section 703.9.**

Communication regarding the substance of a pending application is prohibited between the grant applicant (or someone on the grant applicant's behalf) and the following individuals: An Oversight Committee Member, a PIC Member, a Scientific Review Panel member, or a Scientific Review Council member. Applicants should note that the CPRIT PIC comprises the CPRIT Chief Executive Officer, the Chief Scientific Officer, the Chief Prevention Officer, the Chief Product Development Officer, and the Commissioner of State Health Services.

The prohibition on communication begins on the first day that grant applications for the particular grant mechanism are accepted by CPRIT and extends until the grant applicant receives notice regarding a final decision on the grant application. The prohibition on communication does not apply to the time period when preapplications or letters of interest are accepted. Intentional, serious, or frequent violations of this rule may result in the disqualification of the grant application from further consideration for a grant award.

### 9.4. Review Criteria

Full peer review of applications will be based on primary scored criteria and secondary unscored criteria, listed below. Review committees will evaluate and score each primary criterion and subsequently assign a global score that reflects an overall assessment of the application. **The**

**overall assessment will not be an average of the scores of individual criteria; rather, it will reflect the reviewers' overall impression of the application. Evaluation of the scientific merit of each application is within the sole discretion of the peer reviewers.**

#### **9.4.1. Primary Criteria**

Primary criteria will evaluate the scientific merit and potential impact of the proposed work contained in the application. Concerns with any of these criteria potentially indicate a major flaw in the significance and/or design of the proposed study. Primary criteria include the following:

**Significance and Impact:** Will the results of this research, if successful, significantly change the research of others or the opportunities for better cancer prevention, diagnosis, or treatment for patients? Is the application innovative? Does the applicant propose new paradigms or challenge existing ones? Does the project develop state-of-the-art technologies, methods, tools, or resources for cancer research or address important underexplored or unexplored areas? If the research project is successful, will it lead to truly substantial advances in the field rather than add modest increments of insight? Projects that modestly extend current lines of research will not be considered for this award. Projects that represent straightforward extensions of ongoing work, especially work traditionally funded by other mechanisms, will not be competitive.

**Research Plan:** Is the proposed work presented as a self-contained research project? Does the proposed research have a clearly defined hypothesis or goal that is supported by sufficient preliminary data and/or scientific rationale? Are the methods appropriate, and are potential experimental obstacles and unexpected results discussed?

**Applicant Investigator:** Does the applicant investigator demonstrate the required experience and creativity to make a significant contribution to the research? Does the applicant investigator demonstrate the required expertise to make a significant contribution in both mathematics and oncology, or are there appropriate collaborators or consultants with expertise in oncology or cancer biology? It is highly encouraged that applicant investigators engage such collaborators. Applicants' credentials will be evaluated in a career stage-specific fashion. Have early-career-stage investigators received excellent training, and do their accomplishments to date offer great promise for a successful career? Has the applicant devoted a sufficient amount of his or her time (percentage effort) to this project?

**Relevance:** Does the proposed research address a significant problem related to cancer? Is it likely to make an impact on this disease? This will be an important criterion for evaluation of projects for CPRIT support.

#### 9.4.2. Secondary Criteria

Secondary criteria contribute to the global score assigned to the application. Concerns with these criteria potentially question the feasibility of the proposed research.

Secondary criteria include the following:

**Research Environment:** Does the research team have the needed expertise, facilities, and resources to accomplish all aspects of the proposed research? Are the levels of effort of the key personnel appropriate? Is there evidence of institutional support of the research team and the project?

**Vertebrate Animals and/or Human Subjects:** If vertebrate animals and/or human subjects are included in the proposed research, certification of approval by the institutional IACUC and/or IRB, as appropriate, will be required before funding can occur.

**Budget:** Is the budget appropriate for the proposed work?

**Duration:** Is the stated duration appropriate for the proposed work?

## 10. KEY DATES

### RFA

RFA release February 19, 2016

### Application

Online application opens March 21, 2016, 7 AM central time

Application due May 19, 2016, 3 PM central time

Application review June – September 2016

### Award

Award notification November 2016

Anticipated start date December 1, 2016

## 11. AWARD ADMINISTRATION

Texas law requires that CPRIT grant awards be made by contract between the applicant and CPRIT. CPRIT grant awards are made to institutions or organizations, not to individuals. Award

contract negotiation and execution will commence once the CPRIT Oversight Committee has approved an application for a grant award. CPRIT may require, as a condition of receiving a grant award, that the grant recipient use CPRIT's electronic Grant Management System to exchange, execute, and verify legally binding grant contract documents and grant award reports. Such use shall be in accordance with CPRIT's electronic signature policy as set forth in chapter 701, section 701.25.

Texas law specifies several components that must be addressed by the award contract, including needed compliance and assurance documentation, budgetary review, progress and fiscal monitoring, and terms relating to revenue sharing and intellectual property rights. These contract provisions are specified in CPRIT's Administrative Rules, which are available at [www.cprit.state.tx.us](http://www.cprit.state.tx.us). Applicants are advised to review CPRIT's administrative rules related to contractual requirements associated with CPRIT grant awards and limitations related to the use of CPRIT grant awards as set forth in chapter 703, sections 703.10, 703.12.

Prior to disbursement of grant award funds, the grant recipient organization must demonstrate that it has adopted and enforces a tobacco-free workplace policy consistent with the requirements set forth in CPRIT's Administrative Rules, chapter 703, section 703.20.

CPRIT requires award recipients to submit an annual progress report. These reports summarize the progress made toward the research goals and address plans for the upcoming year. In addition, fiscal reporting, human studies reporting, and vertebrate animal use reporting will be required as appropriate. Continuation of funding is contingent upon the timely receipt of these reports. Failure to provide timely and complete reports may waive reimbursement of grant award costs and may result in the termination of the award contract. Forms and instructions will be made available at [www.cprit.state.tx.us](http://www.cprit.state.tx.us).

## **12. REQUIREMENT TO DEMONSTRATE AVAILABLE FUNDS**

Texas law requires that prior to disbursement of CPRIT grant funds, the award recipient must demonstrate that it has an amount of funds equal to one-half of the CPRIT funding dedicated to the research that is the subject of the award. The demonstration of available matching funds must be made at the time the award contract is executed, and annually thereafter, not when the application is submitted. Grant applicants are advised to consult CPRIT's Administrative Rules, chapter 703, section 703.11, for specific requirements regarding demonstration of available funding.

## 13. CONTACT INFORMATION

### 13.1. HelpDesk

HelpDesk support is available for questions regarding user registration and online submission of applications. Queries submitted via email will be answered within 1 business day. HelpDesk staff are not in a position to answer questions regarding scientific aspects of applications.

**Hours of operation:** Monday, Tuesday, Thursday, Friday, 7 AM to 4 PM central time  
Wednesday, 8 AM to 4 PM central time

**Tel:** 866-941-7146

**Email:** [Help@CPRITGrants.org](mailto:Help@CPRITGrants.org)

### 13.2. Scientific and Programmatic Questions

Questions regarding the CPRIT program, including questions regarding this or any other funding opportunity, should be directed to the CPRIT Senior Manager for Research.

**Tel:** 512-305-8491

**Email:** [Help@CPRITGrants.org](mailto:Help@CPRITGrants.org)

**Website:** [www.cprit.state.tx.us](http://www.cprit.state.tx.us)