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CANCER PREVENTION & RESEARCH  
INSTITUTE OF TEXAS

**REQUEST FOR APPLICATIONS**  
**RFA R-19.2-CFSA**

**Core Facility Support Awards**

**Please also refer to the Instructions for Applicants document,  
which will be posted on October 17, 2018**

Applications for this award mechanism are subject to institutional limits.  
Applicants are advised to consult with their institution's  
Office of Research and Sponsored Programs (or equivalent).

**Application Receipt Opening Date:** October 17, 2018

**Application Receipt Closing Date:** January 30, 2019

**FY 2019**

Fiscal Year Award Period

September 1, 2018-August 31, 2019

# TABLE OF CONTENTS

<b>1. ABOUT CPRIT.....</b>	<b>4</b>
1.1. ACADEMIC RESEARCH PROGRAM PRIORITIES.....	4
<b>2. RATIONALE.....</b>	<b>5</b>
<b>3. RESEARCH OBJECTIVES.....</b>	<b>5</b>
<b>4. FUNDING INFORMATION.....</b>	<b>6</b>
<b>5. ELIGIBILITY.....</b>	<b>6</b>
<b>6. RESUBMISSION POLICY.....</b>	<b>9</b>
<b>7. RENEWAL POLICY.....</b>	<b>9</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.....	10
8.2.1 <i>Abstract and Significance (5,000 characters)</i> .....	10
8.2.2 <i>Layperson’s Summary (2,000 characters)</i> .....	10
8.2.3 <i>Goals and Objectives</i> .....	11
8.2.4 <i>Timeline (1 page)</i> .....	11
8.2.5 <i>Institutional Support (2 pages)</i> .....	11
8.2.6 <i>Resubmission Summary (1 page)</i> .....	11
8.2.7 <i>Renewal Summary (2 pages)</i> .....	12
8.2.8 <i>Core Facility Plan (5 pages)</i> .....	12
8.2.9 <i>Documentation that the proposed core facility does not duplicate existing services (2 pages)</i> ....	13
8.2.10 <i>Vertebrate Animals and/or Human Subjects (2 pages)</i> .....	13
8.2.11 <i>Publications/References</i> .....	13
8.2.12 <i>Budget and Justification</i> .....	13
8.2.13 <i>User Group (8 pages)</i> .....	14
8.2.14 <i>Biographical Sketches (5 pages each)</i> .....	14
8.2.15 <i>Current and Pending Support</i> .....	15
8.2.16 <i>Institutional/Collaborator Support and/or Other Certification (4 pages)</i> .....	15
8.2.17 <i>Previous Summary Statement</i> .....	15
8.3 FORMATTING INSTRUCTIONS .....	15
<b>9. APPLICATION REVIEW.....</b>	<b>16</b>
9.1 REVIEW PROCESS OVERVIEW.....	16
9.2 CONFIDENTIALITY OF REVIEW .....	17
9.3 REVIEW CRITERIA.....	18
9.3.1 <i>Primary Criteria</i> .....	18
9.3.2 <i>Secondary Criteria</i> .....	19
<b>10. KEY DATES.....</b>	<b>20</b>
<b>11. AWARD ADMINISTRATION.....</b>	<b>20</b>
<b>12. REQUIREMENT TO DEMONSTRATE AVAILABLE FUNDS .....</b>	<b>21</b>
<b>13. CONTACT INFORMATION.....</b>	<b>22</b>
13.1 HELPDESK.....	22
13.2 SCIENTIFIC AND PROGRAMMATIC QUESTIONS.....	22

## **RFA VERSION HISTORY**

Rev 08/17/18 RFA release

## **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. Academic 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 with regard to how the Oversight Committee directs the orientation of the agency's funding portfolio.

Established Principles:

- Scientific excellence and impact on cancer
- Targeting underfunded areas
- Increasing the life sciences infrastructure

The program priorities for academic research adopted by the Oversight Committee include the following:

- Recruitment of outstanding cancer researchers to Texas
- Investment in core facilities
- A broad range of innovative, investigator-initiated research projects
- Implementation research to accelerate the adoption and deployment of evidence-based prevention and screening interventions.
- Computational biology and analytic methods
- Childhood cancers
- Hepatocellular cancer

## 2. RATIONALE

Core Facility Support Awards seek to facilitate the development or improvement of core facilities that will provide valuable services to support and enhance scientifically meritorious cancer research projects. A user group of Texas-based investigators must be identified, each of whom should have supported cancer research projects that will make use of the requested facility. This requirement is not intended to exclude early-career-stage investigators who have not yet secured peer-reviewed grant support. Successful applicants should be working in a research environment capable of supporting potentially high-impact cancer studies. **CPRIT is particularly interested in supporting core facilities that provide enabling services to cancer investigators from multiple Texas institutions.**

## 3. RESEARCH OBJECTIVES

CPRIT will foster cancer research in Texas by providing financial support for a wide variety of projects relevant to cancer research. This RFA solicits applications from institutions to establish or enhance core facilities (laboratory, clinical, population-based, or computer-based) that will directly support cancer research programs to advance knowledge of the causes, prevention, and/or treatment of cancer or improve quality of life for patients with and survivors of cancer.

CPRIT expects outcomes of supported activities to directly and indirectly benefit subsequent cancer research efforts, cancer public health policy, or the continuum of cancer care—from prevention to survivorship. To fulfill this vision, applications may address any topic or issue related to cancer biology, causation, prevention, detection or screening, treatment, cure, or quality of life. This award provides cancer researchers access to appropriate research infrastructure, instrumentation, and technical expertise necessary to achieve their research objectives. A wide variety of facilities can be supported, including, but not limited to, chemistry, high-throughput screening, biomedical imaging, proteomics, protein structure, molecular biology, genomics, metabolomics, animal physiology/metabolism, cell sorting, bioengineering, clinical research support, bioinformatics, and the like. Funds may be requested to develop a new facility or to enhance the capabilities of an existing facility that will directly support and impact cancer research programs at the institution and in the region. CPRIT will look with special favor on applications that demonstrate on the development of core facilities that serve multi-institutions.

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

The maximum duration for this award mechanism is 5 years. Applicants may request a maximum of \$3,000,000 in total costs for the first 2 years and up to \$1,000,000 in total costs for each subsequent year. Exceptions to these limits may be granted, but only if exceptionally well justified. Allowable expenses include the cost of instruments (must be expended in the first 2 years), installation and/or necessary renovation expenses in the first year (installation/renovation expenses not to exceed 10% of the total first-year request), and maintenance/service contracts.

Installation/renovation expenses can be requested in the first year only. Equipment must be purchased within the first 2 years. In addition, applicants may request salary support and fringe benefits for the facility director, data analysts, and technical staff; travel to scientific/technical meetings or collaborating institutions is also an allowable expense for these individuals. Note all international travel must receive prior approval by CPRIT. All of these costs and expenses must be prorated for direct use in cancer research efforts. Also allowable are funds to support the use of the facility by qualified cancer research investigators for relevant projects (research supplies and services, clinical research costs, etc). Institutions must describe and justify the process to be used to disburse funds to support use of the facility by cancer investigators. Finally, some fraction of available funds may be used by the facility director for development of new or improved approaches to technical challenges. 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 Research Program.
- The Principal Investigator (PI) must be the director of the facility and 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. The PI should also hold a faculty position, preferably at the level of associate or full professor or the equivalent.

- This award must be directed by the PI. Co-PIs are not permitted.
- Collaborations are permitted and encouraged, and collaborators may or may not reside in Texas. However, collaborators who do not reside in Texas are not eligible to receive CPRIT funds. 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. In no event shall equipment purchased under this award leave the State of Texas.
- **An institution may submit only 1 application (1 new, 1 renewal, or 1 resubmission) under this RFA during this funding cycle.**
- For purposes of this RFA, an institution is defined as that component of a university system that has a geographically distinct campus.
- Academic institutions and health science centers that are components of the same university system and share a contiguous or near-contiguous campus are eligible to submit a single application.
- A PI may only resubmit an application that was previously not funded once (see [section 6](#)).
- Support for only 1 facility may be requested per application. Collaborative applications among institutions are permitted and encouraged. However, such collaboration must not be used as a pretext for supporting more than 1 facility at a given institution. Further, applicants must not attempt to assemble illogical technical combinations and capabilities under one roof. Examples of illogical combinations would include protein mass spectrometry with DNA sequencing or light microscopy with magnetic resonance imaging.
- The coherence of the facility and the ability of the PI/facility director to oversee all of the facility's operations will be critical components of the review process. If support is requested for an existing facility, applicants must make it clear how CPRIT support will enhance its capabilities and improve access for cancer investigators rather than simply replace ongoing institutional support.
- An individual may serve as a PI on no more than 3 active Academic Research grants. Recruitment Grants and Research Training Awards do not count toward the 3-grant

maximum; however, CPRIT considers project leaders on a MIRA award equivalent to a PI. For the purpose of calculating the number of active grants, CPRIT will consider the number of active grants at the time of the award contract effective date (for this cycle expected to be 8/31/19).

- 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 because of scientific misconduct or fraud 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.texas.gov](http://www.cprit.texas.gov).



## 6. RESUBMISSION POLICY

An application previously submitted to CPRIT but not funded may be resubmitted once and must follow all resubmission guidelines. This resubmission policy applies to renewal applications that were submitted in response to RFA R-17-CFSA-1 and not awarded.

More than 1 resubmission per application is not permitted. An application is considered a resubmission if the proposed core facility is the same as that presented in the original submission. A change in the identity of the PI for a core facility or a change of title of the facility 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

Renewal applications for existing Core Facility Support Awards that are scheduled to end in FY 2019 will be accepted in response to this RFA.

## 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. Furthermore, the Application Signing Official (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 October 17, 2018 and must be submitted by 4 PM central time on January 30, 2019. **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 upon a showing of extenuating circumstances. 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](#) within 24 hours of the submission deadline. 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 *IFA* 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 rejected without review.

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

Clearly explain the proposed program, including a summary of the facility to be developed, an outline of the goals of the research projects that will be supported, and an overview of institutional infrastructure and commitment. The specific aims of the application must be obvious from the abstract although they need not be restated verbatim from the core facility plan. Clearly address how the proposed project, if successful, will have a major impact on cancer.

**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).

### **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 9.1](#)) 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 if the award is made.

### **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 Institutional Support (2 pages)**

Each application must be accompanied by a strong letter of institutional support from the president or provost or equivalent indicating commitment to the program and certifying that this is the sole application submitted by this institution in response to this RFA. Furthermore, the letter should indicate support of the facility for activities not related to cancer research. An additional letter should be submitted by the person to whom the facility director reports, ensuring that the facility will be operated in a superior fashion and discussing how this will be ascertained.

### **8.2.6 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 core facility plan or modify the original core facility 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.

### **8.2.7 Renewal Summary (2 pages)**

Applicants preparing a renewal of a CPRIT-funded core facility must describe and demonstrate that appropriate/adequate progress has been made on the current funded award to warrant further funding. Peer-reviewed grants, publications, and manuscripts in press that have resulted from work performed during the initial funded period should be listed in the renewal summary.

### **8.2.8 Core Facility Plan (5 pages)**

**Background:** Present the rationale and need for the facility, emphasizing the pressing problems in cancer research that will be addressed. Address how the proposed facility does not duplicate services provided by existing facilities.

**Instrument Details:** Provide details of the equipment/instruments, if any, that will be acquired.

**Technical Expertise:** Describe the qualifications of the facility director and other key personnel that make them suitable to oversee the establishment and operations of the facility.

**Administrative Plan:** Clearly describe the plan under which the operation, sharing, time allocation, and maintenance of the facility will be administered. Discuss the plan for cost recovery for core services. Discuss if funds will be allocated to support the use of the facility by qualified cancer research investigators and describe the process to be used to disburse funds to support use of the facility by these cancer investigators. If some fraction of available funds is to be used by the facility director for development of new or improved approaches to technical challenges, discuss the process to identify and evaluate such development projects. Discuss if cancer researchers from other Texas academic institutions or industry scientists have access to the facility and the terms for such access.

**Training Plan:** Describe the plan to train users to use the facility and also to evaluate the results obtained.

**Sustainability:** Describe in detail the plans for continuation of the core facility service at the conclusion of the CPRIT award.

### **8.2.9 Documentation that the proposed core facility does not duplicate existing services (2 pages)**

In this section provide a comprehensive list of existing cores or facilities in Texas that offer researchers access to technology and services similar to that proposed in this application. Explain why the proposed core is not duplicative of these and is required to support the research of the users of the new core proposed in this application.

### **8.2.10 Vertebrate Animals and/or Human Subjects (2 pages)**

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.

### **8.2.11 Publications/References**

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

### **8.2.12 Budget and Justification**

Provide a compelling and clear justification of the budget, demonstrating need for the entire proposed period of support, including salaries and benefits, supplies, equipment, patient care costs, animal care costs, and other expenses. Applicants are advised not to interpret the maximum allowable request under this award as a suggestion that they should expand their anticipated budget to this level. 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.texas.gov](http://www.cprit.texas.gov). 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 administratively withdrawn.

- The annual salary (also referred to as direct salary or institutional base salary) that an individual may be reimbursed from a CPRIT award is limited to a maximum of \$200,000. In other words, an individual may request salary proportional to the percent of effort up to a maximum of \$200,000. Salary does not include fringe benefits and/or facilities and administrative 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.

### **8.2.13 User Group (8 pages)**

Provide concise descriptions of the research projects of major users of the facility. Provide a tabular summary of all users of the requested facility. List the names of all researchers, their academic appointment and affiliation, include user grant funded award data (project title(s)/number(s), award grant ID, award duration), a brief description of the project(s), and approximate percentage use of the facility for direct use in cancer research efforts. Discuss if cancer researchers from other Texas academic institutions or industry scientists have access to the facility and the terms for such access. CPRIT will look with special favor on the development of core facilities that serve multi-institutions

### **8.2.14 Biographical Sketches (5 pages each)**

The PI should provide a biographical sketch that describes his/her education and training, professional experience, awards and honors, and publications relevant to cancer research. A biographical sketch must be provided for the PI (as required by the online application receipt system). Up to 5 additional biographical sketches for key personnel from the user group may be provided. Each biographical sketch must not exceed 5 pages.

### **8.2.15 Current and Pending Support**

State 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 must be provided.

### **8.2.16 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.

### **8.2.17 Previous Summary Statement**

If the application is being resubmitted, the summary statement of the original application review, if previously prepared, will be automatically appended to the resubmission. The applicant is not responsible for providing this document.

**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 withdrawn.**

## **8.3 Formatting Instructions**

Formatting guidelines for all submitted CPRIT applications are as follows:

- **Language:** English.
- **Document Format:** PDF only.
- **Font Type/Size:** Arial (11 point), Calibri (11 point), or Times New Roman (12 point).
- **Line Spacing:** Single.
- **Page Size:** 8.5 x 11 inches.
- **Margins:** 0.75 inch, all directions.
- **Color and High-Resolution Images:** Images, graphs, figures, and other illustrations must be submitted as part of the appropriate submitted document. Applicants should include text to explain illustrations that may be difficult to interpret when printed in black and white.

- **Scanning Resolution:** Images and figures must be of lowest reasonable resolution that permits clarity and readability. Unnecessarily large files will NOT be accepted, especially those that include only text.
- **References:** Applicants should use a citation style that includes the full name of the article and that lists at least the first 3 authors. Official journal abbreviations may be used. An example is included below; however, other citation styles meeting these parameters are also acceptable as long as the journal information is stated. Include URLs of publications referenced in the application.  
Smith, P.T., Doe, J., White, J.M., et al (2006). Elaborating on a novel mechanism for cancer progression. *Journal of Cancer Research*, 135: 45–67.
- **Internet URLs:** Applicants are encouraged to provide the URLs of publications referenced in the application; however, applicants should not include URLs directing reviewers to websites containing additional information about the proposed research.
- **Headers and Footers:** These should not be used unless they are part of a provided template. Page numbers may be included in the footer (see following point).
- **Page Numbering:** Pages should be numbered at the bottom right corner of each page.
- All attachments that require signatures must be filled out, printed, signed, scanned, and then uploaded in PDF format.

## 9. APPLICATION REVIEW

### 9.1 Review Process Overview

All eligible applications will be evaluated using a 2-stage peer review process: (1) Peer review and (2) prioritization of grant applications by the CPRIT Scientific Review Council (SRC). 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 SRC based on comparisons with applications from all of the peer review panels and programmatic priorities. Applications approved by the SRC 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](#).

## 9.2 Confidentiality of Review

Each stage of application review is conducted confidentially, and all CPRIT Scientific Peer Review Panel members, SRC 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 SRC 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 SRC 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 prior to the opening of CARS. Intentional, serious, or frequent violations of this rule may

result in the disqualification of the grant application from further consideration for a grant award.

### **9.3 Review Criteria**

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.**

#### **9.3.1 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 request for the instrument/equipment. Primary criteria include the following:

**Justification of Need/Value:** Is the uniqueness of the facility addressed? Is the need for the facility justified? Is it necessary and appropriate for the research projects? Will the state-of-the-art facility directly support and impact cancer research programs at the institution and in the region? How will the availability of the facility offer incipient research projects by investigators at various career stages the opportunity to develop? Will the facility make the user group more competitive for external funding? Will the facility provide cancer researchers from other Texas academic institutions or industry scientists access to the facility?

**Quality and Significance of research projects supported:** Does the facility support a significant number of different, independently funded users? Are the projects at the forefront of cancer research? Are the projects of significance in reducing cancer incidence, morbidity, or mortality?

**Technical Expertise:** Is there sufficient technical expertise for optimal use of the facility? How well qualified is the user group to take optimal advantage of the facility and evaluate the research results for the proposed projects? How will the facility be maintained? Is there a satisfactory training plan for new users?

**Administration:** Is there assurance that the facility will be managed and operated in a superior fashion? To whom does the facility director report? Is that person committed to appropriate oversight (a letter of commitment should be submitted)? Is there an adequate plan for the management of the facility, including an appropriate system for charging for services and subsidy of user fees for specific cancer-related projects and individuals (especially early-career- stage investigators)? How will facility time be allocated among the projects? Have biosafety issues been addressed? Are there criteria and is there a mechanism for prioritization of user requests? Are there appropriate advisory committees?

**Institutional Commitment:** Is there clear institutional commitment for support of the facility for cancer research? Has the host institution provided an appropriate site for the facility?

### 9.3.2 Secondary Criteria

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

Secondary criteria include the following:

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

**Vertebrate Animals and/or Human Subjects:** If vertebrate animals and/or human biological samples are included in the proposed research, is the vertebrate animals and/or human subjects plan adequate and sufficiently detailed? Note that 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 August 17, 2018

### Application

Online application opens October 17, 2018, 7 AM central time

Application due January 30, 2019, 4 PM central time

Application review February 2019 to August 2019

### Award

Award notification August 21, 2019

Anticipated start date August 31, 2019

## 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.texas.gov](http://www.cprit.texas.gov). 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 documented in the grant award contract and address plans for the upcoming year. In addition, fiscal reporting, human studies reporting, and vertebrate animal use reporting will be required as appropriate.

CPRIT will review annual progress reports and continuation of funding is contingent upon the timely receipt of these reports and documentation of sufficient progress toward completing project goals. Failure to provide timely and complete reports may waive reimbursement of grant award costs and may result in the termination of award contract. Forms and instructions will be made available at [www.cprit.texas.gov](http://www.cprit.texas.gov).

## **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 through Friday, 8 AM to 6 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 Program Manager for Academic Research.

**Tel:** 512-305-8491

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

**Website:** [www.cprit.texas.gov](http://www.cprit.texas.gov)