



CANCER PREVENTION & RESEARCH
INSTITUTE OF TEXAS

**INSTRUCTIONS FOR
APPLICANTS**

**Early Translational Research Awards
RFA R-19.2-ETRA**

FY 2019

Fiscal Year Award Period

September 1, 2018 - August 31, 2019

TABLE OF CONTENTS

1.	INTRODUCTION.....	4
2.	SUMMARY INSTRUCTIONS	4
3.	APPLICATION PREPARATION AND SUBMISSION PROCESS.....	5
4.	APPLICATION SIGNING OFFICIAL (ASO)	6
5.	GRANTS CONTRACT/OFFICE OF SPONSORED PROJECTS OFFICIAL	6
6.	USER REGISTRATION AND/OR LOGIN	6
7.	STARTING A NEW APPLICATION.....	7
8.	STATUS DISPLAY.....	8
8.1.	TAB STATUS.....	8
8.2.	APPLICATION STATUS.....	9
9.	TAB: SUMMARY.....	9
10.	TAB 1: CONTACTS.....	10
11.	TAB 2: APPLICATION INFORMATION	11
12.	TAB 3: PROJECT PERSONNEL AND COLLABORATORS.....	13
13.	TAB 4: REQUIRED DOCUMENTS	13
14.	TAB 5: BUDGET	15
14.1.	SENIOR/KEY PERSON & OTHER PERSONNEL (USE WEB FORM PROVIDED).....	16
14.2.	DETAILED BUDGET FOR YEAR 1 (USE TEXT BOXES/WEB FORM PROVIDED).....	17
14.3.	BUDGET FOR ENTIRE PROPOSED PERIOD OF PERFORMANCE	18
14.4.	BUDGET JUSTIFICATION.....	18
14.5.	SALARY CAP.....	19
15.	TAB 6: FINAL REVIEW & SUBMIT	19
16.	PROVIDED TEMPLATES.....	20
17.	VERTEBRATE ANIMALS/HUMAN BIOLOGICAL SAMPLES	20
18.	FORMATTING INSTRUCTIONS	20
19.	CONTACT INFORMATION.....	22
19.1.	HELPDESK.....	22
19.2.	SCIENTIFIC AND PROGRAMMATIC QUESTIONS	22
	APPENDIX 1: DESCRIPTION OF RESEARCH AREAS	23
	APPENDIX 2: PROGRAM FOCUS - DEFINITIONS OF CANCER RESEARCH TYPES... 	25

VERSION HISTORY

Rev 10/17/18 Instructions for Applicants document posted

1. INTRODUCTION

The Cancer Prevention and Research Institute of Texas (CPRIT) Application Receipt System (CARS) provides a means for the research community in Texas (ie, Principal Investigators [PIs] and Application Signing Officials [ASOs]) to respond to CPRIT funding opportunities electronically over the Internet through a secure connection. This document provides instructions and guidance to applicants on how to successfully submit an application in response to CPRIT's Request for Applications (RFA) for Early Translational Research Awards (RFA R-19.2-ETRA). Applications may be submitted from October 17, 2018, through January 30, 2019.

Important Note: CPRIT is imposing the following institutional limits (which need not to be fully used) are as follows: Baylor College of Medicine (3), The University of Texas M. D. Anderson Cancer Center (3), The University of Texas Southwestern Medical Center (3), Methodist Hospital Research Institute (2), Rice University (2), Texas A&M University (includes: Agrilife Research; Engineering Experiment Station) (2), The University of Texas at Austin (2), The University of Texas Health Science Center at Houston (2), The University of Texas Health Science Center San Antonio (2), Texas A&M University Health Science Center (2), Texas Tech University Health Sciences Center (2), The University of Texas Medical Branch Galveston (2), University of Houston (2), all others (1).

2. SUMMARY INSTRUCTIONS

- **Technical Support:** Applicants are strongly advised to carefully read this document in its entirety before starting an application. The CPRIT HelpDesk ([section 19.1](#)) is available to answer technical questions and guide applicants with application submission. This *Instructions* document will be updated as necessary. Revisions will be listed in the *Version History*.
- **Document Format for Uploaded Files:** Use Portable Document Format (PDF) only.
 - Do NOT password protect documents.
 - Do NOT submit documents that are bound together in a single PDF package.
- **Font Type/Size:** Arial (11 point), Calibri (11 point), or Times New Roman (12 point).
- **Page Format:** Single spacing, 0.75 inch margins in all directions.

- **Templates:** Templates are provided for biographical sketches (biosketches), Competitive Landscape/Intellectual Property, and current and pending support. NIH-style biographical sketches can be used if desired.
- **Competitive Landscape:** A plan detailing the Competitive Landscape/Intellectual Property is required.
- **Submission Process:**
 - The applicant completes/finalizes all sections and forwards it to the organization’s ASO for review and final submission to CPRIT.
 - The application must be submitted by the ASO on or before January 30, 2019, 4 PM central time.
 - **Note:** CARS will be unavailable the third Thursday of each month between 7 PM and 9 PM central time for routine system maintenance.
- **Tab Finalization and Reset**
 - Application information saved “as draft” can be edited at a later time.
 - Once application information is “finalized for ASO approval,” it can be edited only after the ASO resets the section to draft at the request of the applicant.
- **Adding an ORCID iD to Applicant Profile (optional step)**
 - All applicants who are currently registered with ORCID are encouraged to associate their iDs with CARS as described below in [section 6](#). Applicants who are not registered with ORCID can do so using the link provided above or within CARS as described in [section 6](#).
- **Application Submission Deadline**
 - The application must be submitted **on or before January 30, 2019, 4 PM central time.**

3. APPLICATION PREPARATION AND SUBMISSION PROCESS

- The applicant completes/finalizes a series of numbered tabs of the application.
- Finalized tabs can be reset by the ASO.
- Once all tabs are finalized, the ASO reviews, approves, and submits the application to CPRIT.

4. APPLICATION SIGNING OFFICIAL (ASO)

The ASO is an individual authorized to submit an application on behalf of an organization. An ASO is required on the application and must be identified by the PI.

As the organization’s representative, the ASO is required to review the tabs finalized by the PI and subsequently submit the application. Only the ASO is authorized to officially submit the application to CPRIT. The ASO can reset PI-finalized tabs to draft at the request of the PI.

5. GRANTS CONTRACT/OFFICE OF SPONSORED PROJECTS OFFICIAL

The Grants Contract/Office of Sponsored Projects Official is the individual who will manage the grant if an award is made. This individual must be identified for the application. Either the PI or the ASO can assign an individual to this role.

6. USER REGISTRATION AND/OR LOGIN

Applicants begin the application process by registering or logging into CARS at <https://CPRITGrants.org>. New applicants should remember to set up both an applicant account and an ASO account at this time. Upon successful login to the system, applicants will be presented with the *My Applications* page. All previously submitted applications by the user are listed on this page. After initial registration or after login, all users are encouraged to complete/verify the information under the *My Profile* link on the top left of this screen.

The screenshot displays the 'My Profile: Account Info' page. At the top, there is a navigation bar with links for Home, Help Desk, FAQ, and Log Out. Below this is a main navigation bar with tabs for My Profile, My Applications, Bridge, My Grants, Manage Organizations, Current Funding Opportunities, Feedback, Review Grants, HelpDesk, and Administrative. The 'My Profile' tab is active. The page content includes a header for 'My Profile: Account Info' and a sub-header 'My Profile: Account Info'. Below this, there is a section for account information with a note: 'Your account information is comprised of basic identification. You may edit this information at any time.' A red note states: 'The entries marked with * are required'. The form fields are: Role (I am an Applicant or Work for One), Salutation * (Ms.), First Name * (System), Middle Initial, Last Name * (Admin), Suffix (III), and Login/Username (SysAdmin). There is a 'Register or Connect your ORCID ID' button with an ORCID icon and a red arrow pointing to it. Below the form are links for 'Update Password' and 'Update Security Questions', and a 'Save Changes' button. A 'Logged in as: System Admin' notification is visible in the top right corner.

As directed by the modal window, during the initial login, on the “My Profile” page, the user is displayed a description of the authentication process and is invited through an ORCID-branded

link to correlate his/her CARS and ORCID profiles. Note that the system will also provide identical functionality within the “Contacts” tab of all new applications.

Upon clicking on the ORCID-branded link, the system will open a new tab on the user’s browser that will direct the user to enter his/her ORCID username and password. Users without an ORCID account can initiate one from this window.

Upon a successful login to the ORCID system, the user will be directed to a modal window that explicitly requests permission from the user to share his/her public ORCID profile with CARS.

If permission to correlate the 2 accounts has been provided by the authenticated user, the system then returns the user to the page from which the authentication started (ie, either the “My Profile” page or the “Contacts” tab of a new application). The system will then display a brief message confirming the authentication and replacing the ORCID-branded link with a new button that directs the user to his/her specific ORCID profile page.

7. STARTING A NEW APPLICATION

New applications can be started in 1 of 2 ways:

1. My Applications (this is the default page after login) → click *Start New Application* → *FY 2019 Academic Research Programs* → select *Early Translational Research Awards* → click *New Application*, or
2. Current Funding Opportunities → click *FY 2019 Academic Research Programs* → select *Early Translational Research Awards* → click *Start New Application*.

Upon starting a new application, applicants are required to enter the title of the application (160-character limit, including spaces; can be edited later) and select the submitter role. Do NOT use symbols or special characters (eg, Greek letters)—these will not be transmitted correctly. Once this step is completed, applicants will be directed to the summary page.

Applicants are advised to carefully read the information on the summary page before moving on to the numbered tabs.

- Tab 1 (*Contacts*) **must** be completed/finalized prior to Tab 3 (*Project Personnel & Collaborators*).
- Tab 2 (*Application Information*) **must** be completed/finalized prior to Tab 5 (*Budget*).

Other tabs may be completed in any order. All tabs must be successfully completed/finalized by the PI before the ASO can review, approve, and successfully submit the application.

8. STATUS DISPLAY

8.1. Tab Status

The status of each tab is displayed under the row of numbered tabs. The figure below is an example of the status of Tab 1.



Status	Status Definition
DRAFT	The tab is being prepared by the applicant.
PENDING ASO APPROVAL	The tab has been finalized by the applicant. When all tabs are finalized and reflect this status, the ASO will receive email notification stating that the application can be reviewed/submitted. The applicant is included on this notification.
ASO APPROVED AND SUBMITTED	The ASO has reviewed, approved, and submitted the application to CPRIT. Once the application has been submitted by the ASO, the PI is notified via email.

8.2. Application Status

The status displayed under the row of numbered tabs on the Summary tab indicates the status of the application (as indicated in the figure above).

9. TAB: SUMMARY

The status of each tab is also displayed on this page. Status definitions are described below.

My Applications: Summary

Summary
1 Contacts
2 Application Information
3 Personnel & Collaborators
4 Required Documents
5 Budget
6 Final Review & Submit

Summary

Application ID: XXXXXXXX Phase: Full Application Status: **DRAFT**

Application Title: screen shot
 Program: FY 2014 Research Programs
 Award Type: Individual Investigator Research Awards

Please be sure to verify format requirements. Applications that do not meet format requirements and/or reviewers' determination of readability may result in rejection of your application. Please check the format requirements found in the [Request for Application \(RFA\)](#).

Full Application Deadline: February 3, 2014 by 3:00 PM CT ([check current official time](#))

This application is in progress and is not ready for ASO approval. Each section outlined below must be completed, finalized, and approved by the ASO at your institution prior to the submission deadline. When all sections have been completed and set to "PENDING ASO APPROVAL", the Application Signing Official will need to approve the application submission in order for it to be forwarded for review. The table below shows the status of each section in the submission process as of December 20, 2013 5:12 PM CT.

Section #	Application Section	Status
1	Contacts	draft
2	Application Information	draft
3	Project Personnel and Collaborators	draft
4	Required Documents	draft
5	Budget	draft
6	Final Review and Submit	NOT APPROVED

Section	Status	Status Definition
	DRAFT	The tab is being prepared by the applicant.
1-5	PENDING ASO APPROVAL	The tab has been finalized by the applicant. When all tabs are finalized and reflect this status, the ASO will receive email notification that the application can be reviewed/submitted. The applicant is included on this notification.
	NOT APPROVED	The application has not been approved/submitted by the ASO.
6	PENDING	All tabs have been finalized by the applicant and reflect the status "pending ASO approval." At this point, the application is awaiting ASO approval and subsequent submission.

NOTE: As stated in the preceding section, the status displayed under the row of numbered tabs on this page indicates the status of the entire application.

10. TAB 1: CONTACTS

- **Principal Investigator:** Verify information for the PI; update as necessary.
- **Co-Principal Investigator (Optional):** If desired, 1 Co-PI may be designated on an Early Translational Research Award application. To designate a Co-PI, do the following:
 - Click the *Search for Co-Principal Investigator* button.
 - Enter information and click the Search Contacts button.
 - If the individual is listed on the subsequent search results page, that individual may be added to the application via the *Add Contact* link.
 - If the individual is not listed, different search criteria may be used (eg, using the last name only, spelling variations). Alternatively, the individual may be invited to register in CARS and be part of the application by clicking the *Send Invitation* link. On the subsequent page, complete the fields and click the *Send Invitation* button. When this individual joins the application as a Co-PI, his/her information will be listed in the appropriate section of the tab.
 - Change or remove an individual by clicking the appropriate button.
- **Alternate Submitter (Optional):** An alternate submitter may be designated on the application by the PI. Follow the search guidelines above.
- **Application Signing Official (Required):** An ASO must be listed in order to complete/finalize this tab. Click the *Search for Application Signing Official* button. Follow the search guidelines above.
- **Alternate Application Signing Official (Optional):** This individual can only be assigned by the ASO. Follow the search guidelines above.
- **Grants Contract/Office of Sponsored Projects Official (Required):** A Grants Contract/Office of Sponsored Projects Official must be listed in order to complete/finalize this tab. This individual can be assigned by the PI or the ASO. Follow the search guidelines above.

When all information is entered, click the *Finalize Contacts* Section button. Note that this tab cannot be finalized until the 3 required fields of this section, namely, “Principal Investigator,” “Application Signing Official,” and “Grants Contract/Office of Sponsored Projects Official” have been completed. PI information is entered automatically; an ASO must be identified and

added by the PI. The Grants Contract/Office of Sponsored Projects Official may be identified and added by the PI or the ASO.

11. TAB 2: APPLICATION INFORMATION

- **Application Identification**
 - **Award Mechanism:** Verify the listed award mechanism. Note that the award mechanism cannot be changed.
 - **Application Type:** Verify application type (drop list defaults to New Application).
 - **Application Title:** The application title is stated. Edit if necessary.
- **Project Information**
 - **Contract Start Date (m/d/yyyy):** The contract start date of 8/31/2019 is prepopulated for all applications.
 - **Proposed End Date: (m/d/yyyy):** Enter the proposed end date for the program (the maximum duration is 2 years (24 months) for Early Translational Research Award applications.
- **Application Classification:**
 - **Research Area:** Select the research area that best describes the proposed work. Please refer to [Appendix 1](#) for a detailed description of each research area.
 - **Program Focus:** Select the focus of the proposed work. Please refer to [Appendix 2](#) for definition of cancer research types.
 - **Cancer Site Addressed:** Select the most relevant cancer site(s) addressed, up to a maximum of 3. If the focus of the project is not on specific cancer site(s), select All Cancers (eg, Research Training Award). The selection of cancer sites in this section assists CPRIT with reporting on cancer research that is being performed.
- **Vertebrate Animals:** Indicate whether vertebrate animals will be used.
- **Biologic/Anatomic Substances:** Indicate whether cadavers will be used. In addition, specify the use of human anatomical substances. If human anatomical substances will be used, specify if the substances are traceable to specific donors. Also, select applicable safety provisions.
- **Human Subjects:** Human/clinical trials are not permitted under this award mechanism.

- **State Legislative Districts:**
 - **State Senate District:** Enter the State Senate District of your institution. Use the link provided to find this information using your institutional address.
 - **State House District:** Enter the State House District of your institution. Use the link provided to find this information using your institutional address.
- **Cancellation of Applications/Awards by Granting Organization (in past 5 years)**
 - Select whether the PI is currently eligible to receive federal grant funds. If “No” is selected, please provide the reason in the dropdown text box.
 - Select whether the PI had an application or award terminated for cause within the last 5 years. If yes, then select the category of Application or Award. Select the Granting Organization. Enter the Award Title, Award Number, Award Amount, and the Reason for Cancellation. Click the *Add Application/Award* link to include additional applications or awards.
- **Donations:**
 - Select whether the PI or any individual listed on the application has made a donation, gift, or grant to CPRIT, the CPRIT Foundation, the Texas Cancer Coalition, or any nonprofit organization/entity established to benefit CPRIT.
 - If yes, then enter the name of the donor, entity name, donation amount, and date of donation. Click the *Add Donation* link to add additional donations.
- **CPRIT Priorities Addressed (from Statute or Texas Cancer Plan):**
- Choose the CPRIT priority addressed in the application. More than 1 priority may be selected. If Choice 5 is selected, then enter the name of the research sponsor and the sponsor’s priority that the application addresses.

Review the instructions, and click the appropriate button (*Save Application Information as Draft* or *Finalize Application Information for ASO Approval*) to save entered application information.

NOTE: Application information saved “as draft” can be edited at a later time. Application information “finalized for ASO approval” can be edited only after the ASO has reset the application to draft at the request of the PI.

12. TAB 3: PROJECT PERSONNEL AND COLLABORATORS

- **Investigators and Submitters**
 - **Please note that the biosketch for the PI and Co-PI (if designated) must be uploaded under the *Required Documents* Tab ([see section 13](#)). Biosketches previously uploaded in *My Profile* will not be included in the application.**
- **Project Personnel and Collaborators**
- It is your responsibility to enter information for all project personnel, paid or unpaid, including any collaborators. A collaborator is an individual who contributes to the scientific or business development or execution of the project but is not responsible for leadership or accountability for managing the project. A collaborator can be paid or unpaid. The purpose of this section is for reviewers to be able to determine if they have any conflicts of interest with any of the listed individuals, at which point they would be required to recuse themselves from the review of the application. Select the appropriate *Role for Application* from the drop list. Click the *Save as Draft* button to save additions.

When all information is entered, click the *Finalize Project Personnel & Collaborators* button. Note that this tab can be finalized only after Tab 1 (*Contacts*) has been finalized.

13. TAB 4: REQUIRED DOCUMENTS

NOTE: All documents must be uploaded in PDF format only. The system will not allow upload of documents in other formats or of documents that exceed the page limits specified in the individual RFAs. Do NOT password protect documents. Do NOT submit documents that are bound together in a single PDF package.

- **Application Abstracts: Abstract and Significance and Layperson’s Summary:** Enter the Abstract and Significance (5,000 characters) and Layperson’s Summary (2,000 characters) of the proposed work. Character limits include letters, spaces, and punctuations. Do NOT use symbols or special characters (eg, Greek letters)—these will not be transmitted correctly. Save the entered information by clicking the *Save Application Abstracts as Draft* button. Information must be saved before any documents are uploaded below or the Abstract and Significance and/or Layperson’s Summary will be lost when the upload refreshes the Web page.

- **Goals and Objectives:** Enter your Goals and Objectives as plain text (1,200 characters per goal and per objective). Goals and objectives will be reviewed during the evaluation of annual progress reports. HTML formatting, tables, charts, and diagrams are not supported. Goals and objectives may be saved as a DRAFT at any time by clicking the *Goals and Objectives as Draft* button. Any unsaved goals and objectives will be lost.
 - At least 1 goal and 1 objective are required. At least 1 objective is required per goal. Up to 5 goals and 5 objectives per goal may be entered.
 - Click the *Add Objective* link to add an additional objective to a goal.
 - Click the *Add Goal* link to add additional goals.
- **Timeline (1 page):** Upload Timeline PDF document. The Timeline will be reviewed during the evaluation of annual progress reports.
- **Research and Development Plan (up to 10 pages):** Upload the Research and Development Plan PDF document (see RFA for details).
- **Vertebrate Animals and/or Human Biological Samples (up to 2 pages):** Upload the Vertebrate Animals and/or Human Biological Samples PDF document. If not applicable, upload a page with the following statement: “No vertebrate animals and/or human biological samples will be used.”
- **Business Plan (up to 5 pages):** Upload the Business plan PDF document.
- **Letter of Support from the Chief Technology Transfer Officer or equivalent (1 page):** Upload the Letter of Support from the Chief Technology Transfer Officer or equivalent PDF document.
- **Publications/References:** Upload the Publications/References PDF document. Complete journal articles are not allowed under this section.
- **PI Biosketch (up to 5 pages):** Upload the PDF Biosketch of the PI. NIH biosketches may be used.
- **Co-PI Biosketch (up to 5 pages):** If a Co-PI has been designated for the application upload a PDF Biosketch for the Co-PI here. NIH biosketches may be used.
- **Biographical Sketches of 2 additional Key Personnel (up to 10 pages):** If desired, up to 2 additional biographical sketches for key personnel may be provided (template is posted under the *Summary* tab). Biosketches must not exceed 5 pages for each individual. If 2 biosketches are being provided, these must be combined into a single file and

submitted as a single PDF document (ie, a 10-page document consisting of two 5-page biosketches.)

- **Current and Pending Support:** For all personnel for whom a biosketch is submitted with the application, upload their Current and Pending support (use the template posted under the *Summary* tab). Do not provide current and pending support for individuals for whom a biosketch was not included in the application. Multiple documents must be combined and submitted as a single PDF document. At a minimum, the current and pending support of the PI and Co-PI (if designated) must be included in this document.
- **Institutional/Collaborator Support and/or Other Certification (up to 4 pages):** If applicable/desired, upload letters of institutional and/or collaborator support and other certification documents. Multiple letters/documents must be combined and submitted as a single PDF document. A maximum of 2 letters may be present on a page. Applicants are strongly advised NOT to submit “appendix material,” such as publications, figures, and/or data.
- **Budget Justification:** Upload the Budget Justification PDF document. Provide a brief and concise justification of the budget for the entire proposed period of support for all charge categories: personnel (salaries and fringe benefits), travel, equipment, supplies, consultant charges, contractual (subaward/consortium) charges, research-related subject charges, other expenses (including animal care charges), and indirect charges. Each subaward must itemize project charges for all charge categories. (see also [section 14.4](#)).

When all information is entered, click *Finalize Required Documents*.

14. TAB 5: BUDGET

This tab should include only the amount requested from CPRIT; do NOT include the amount of the matching funds.

The budget section is composed of 4 subtabs that must be completed:

1. Senior/Key Person & Other Personnel
2. Detailed Budget for Year 1
3. Budget for Entire Proposed Period of Performance

4. Budget Justification

All 4 subtabs must be completed to finalize this section. A detailed budget for the first year of the project is required.

- For Early Translational Research Awards, applicants may request up to \$2,000,000, inclusive of both direct and indirect charges, over a period of 1 to 2 years. Exceptions to this limit may be requested if extremely well justified (see section 8.2.10 of the RFA).

NOTE: Some or all of the following buttons appear on each subtab:

Previous = Move to the previous subtab

Next = Move to the next subtab

Save Budget as Draft = Save entered information

Finalize Budget for ASO Approval = Finalize section

The *Previous* and *Next* buttons allow a user to move between subtabs while retaining entered information for as long as the user is on the *Budget* tab. Information entered on any subtab is NOT saved until the *Save Budget to Draft* button is clicked. Moving to another tab without saving will result in loss of any unsaved changes.

14.1. Senior/Key Person & Other Personnel (use Web form provided)

Complete the requested information.

First Name and Last Name: The PI's name is prepopulated. Enter names of other individuals, as necessary. Additional rows will automatically appear once text is entered into the existing last row.

Role on Project: The PI's role is prepopulated. Enter roles of other individuals as necessary.

Type of Appointment (Months): For each individual listed, enter his or her appointment type (eg, 6-month, 9-month, 12-month appointment).

Annual Base Salary: For each individual listed, enter his or her institutional base salary. The salary cap for CPRIT awards for FY 2019 (September 1, 2018, through August 31, 2019) is \$200,000; see [section 14.5](#) Salary Cap.

Effort on Project: For each individual listed, enter percent effort on the project.

Salary Requested: After entering the information in these categories, click “Calc” to autocalculate the requested salary.

Fringe Benefits: For each individual listed, his/her institutional fringe benefits must be calculated based on their direct *Salary Requested*. Fringe benefits may not exceed 35% of the salary requested (a warning will be displayed).

14.2. Detailed Budget for Year 1 (use text boxes/web form provided)

Provide the information requested for other direct charges in the first year of the project.

Travel Costs: Include any costs associated with necessary travel. CPRIT funds may be used to send up to 2 people to CPRIT’s biennial conference.

Equipment (400-character limit): Itemize as necessary. 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. Preapproval is not required; if the project is funded, approval may be requested at that time.

Supplies (800-character limit): Itemize by category, as necessary.

Consultant Charges: State charges for consulting services that may be used during the proposed work.

Contractual (Subaward/Consortium) (400-character limit): Itemize all subaward- and consortium-associated amounts. State direct charges only. Each subaward must be itemized in the *Budget Justification* subtab by stating project charges for personnel, travel, equipment, supplies, consultants, research-related subjects, and other expenses.

Other Expenses (800-character limit): Itemize other project-associated expenses.

Indirect Charges: CPRIT limits indirect charges to a maximum of 5%. Total Indirect Charges for Year 1 (line D) should not exceed 5% of the Total Charges for Year 1 (line E). As an example, for a total award of \$100,000, indirect charges may not exceed \$5,000; direct charges would be \$95,000.

Calculate as follows: Total Indirect Charges = (Total Direct Charges/0.95) – Total Direct Charges.

Note for Subawards: Subawards may recover indirect charges of up to the maximum of 5% of the total requested subaward amount. However, because CPRIT awards will be made to the primary institution (which, in turn, will manage the subcontracts), the indirect charges for each subaward are calculated as part of the total amount requested by the primary institution. Do not include indirect charges in the *Contractual (Subaward/Consortium)* category. The appropriate subaward amount—including the allowable indirect charges—will be forwarded to the subcontracting institution by the primary institution.

14.3. Budget for Entire Proposed Period of Performance

Amounts for *Budget Year 1* will be autopopulated based on the information provided on the previous subtabs; namely, *Senior/Key Person & Other Personnel and Detailed Budget for Year 1*. For each additional year of support requested, enter the budget requested for personnel charges and other applicable direct charges. Fringe benefits may not exceed 35% of the salary (a warning will be displayed). Cost adjustments of up to a 3% annual increase for salary and other categories are permitted for Year 2 . A 3% salary increase for Year 2 is permitted up to the cap of \$200,000. The salary cap ([section 14.5](#)) may be revised every year at CPRIT’s discretion.

Enter the indirect charges for each additional year of support requested. *Total Indirect Charges* (line D) should not exceed 5% of the total requested award amount for that year (sum of lines C and D).

14.4. Budget Justification

Provide a brief and concise justification of the budget for the entire proposed period of support for all charge categories: Personnel (salaries and fringe benefits), travel, equipment, supplies, consultant charges, contractual (subaward/consortium) charges, research-related subject charges, other expenses (including animal care charges), and indirect charges. **Each subaward must itemize project charges for all charge categories.** If more than \$2,000,000 in total charges is requested over a period of 1 to 2 years, include a special and clearly labeled section that explains the request.

If you uploaded this document under Tab 4 (Required Documents) (see [section 13](#)), you can click on the link directing you to your uploaded file. If you have not uploaded this

document, please click on the link that will direct you to Tab 4 (Required Documents) where you can upload this file.

14.5. Salary Cap

The salary cap for CPRIT awards in FY 2019 (September 1, 2018, through August 31, 2019) is \$200,000. Thus, the maximum direct salary support an individual can request is up to \$200,000 of their institutional salary based on effort on a project. Note: Salary does not include fringe benefits and/or facilities and administrative costs, also referred to as indirect costs (See RFA for details).

The following table outlines the salary cap guidelines; note that the maximum salary for levels of effort below 100% is proportionate to the allowable direct salary (see the third line in the table as an example). Institutional fringe benefits should be calculated based on the direct salary support requested.

Base Institutional Salary (full-time calendar appointment)	Effort on Project	Maximum direct salary support that would be requested by the applicant
Less than \$200,000	1-100%	Up to base salary
More than \$200,000 (eg, \$300,000)	100%	\$200,000
More than \$200,000 (eg, \$300,000)	50%	\$100,000

15. TAB 6: FINAL REVIEW & SUBMIT

When Tabs 1 through 5 have been completed and finalized by the applicant, the status of the application is set to “PENDING ASO APPROVAL.” The ASO will then receive email notification to review, approve, and submit the application to CPRIT. Only the ASO is authorized to officially submit the application. The ASO must log in to the system and click the appropriate application ID listed under his or her *My Applications* page. To submit the application, the ASO must enter his or her password and click the *Approve and Submit Application* button. The ASO will then be asked to click the *Continue* button to submit the application. After the application has been submitted, the status of the application on the *My Applications* page (and on all tabs of that application) will state “ASO APPROVED AND

SUBMITTED". The ASO at the PI's organization must submit the application by the submission deadline: **January 30, 2019, 4 PM central time.**

16. PROVIDED TEMPLATES

Applicants must use the provided template to prepare and submit the following documents.

- Current and Pending Support (.doc, .PDF)

A template is provided for biographical sketches but an NIH biographical sketch may be used if desired.

Templates are posted under the *Summary* tab and are available in .doc and .PDF format.

17. VERTEBRATE ANIMALS/HUMAN BIOLOGICAL SAMPLES

Whenever vertebrate animals or human biological samples are part of a CPRIT-funded project, a copy of the recipient organization's institutional review board (IRB) and/or Institutional Animal Care and Use Committee (IACUC) approval must be provided to CPRIT before funding can be released. For multiyear projects, annual confirmation of IRB or IACUC approval is required. This information is not required at the time of submission of the application.

18. FORMATTING INSTRUCTIONS

All sections of the application should be written in clear and legible text and must follow the guidelines described below. Applicants are advised to use font sizes, font faces, line spacing, page sizes, and page margins that permit easy readability of the application text. Every attempt should be made to keep files sizes to a minimum (see *Scanning Resolution* below). Applications that do not meet these guidelines are subject to administrative withdrawal.

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 just include only text.
- **References:** Applicants should use 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. (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.
- **Page Numbering:** Add page numbers in the footer for each document that is uploaded as a PDF. Restart the page numbering at 1 for each document. 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.**

19. CONTACT INFORMATION

19.1. Helpdesk

Helpdesk support is available for technical questions regarding user registration and online submission of applications. Queries submitted via email will be answered within 1 business day. Helpdesk staff is 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

19.2. Scientific and Programmatic Questions

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

Tel: 512-305-8491

Email: Help@CPRITGrants.org

Website: www.cprit.texas.gov

Appendix 1: DESCRIPTION OF RESEARCH AREAS

In [Tab 2](#) (*Application Information/Application Classification*) the applicant is required to select a research area that best describes the proposed work. Descriptions of research areas are as follows:

- **Cancer biology:** Research on the biology of how cancer starts and progresses as well as normal biology relevant to these processes. Examples include oncogenes and suppressor genes, epigenetics, DNA repair, growth factors, signaling pathways, cancer immunology, microenvironment, tumor progression, and metastasis.
- **Cancer control, survivorship, and outcomes research:** Research in this category covers a broad range of areas including patient care and pain management, cancer surveillance, cancer disparities research, quality of life for patients with cancer and their families, identification and reduction of late effects of cancer treatment, education and communications that reduce cancer risk, health services research, and attitudes and belief systems that affect cancer control.
- **Childhood and adolescent cancer**
- **Computational biology and analytic methods**
- **Early detection, diagnosis, and prognosis:** Identification and testing cancer markers and imaging methods detecting and/or diagnosing cancer as well as predicting the outcome or chance of recurrence. Examples include discovery of markers and/or technologies for use in cancer detection and diagnosis and/or prognosis, animal trials and clinical human trials, tumor response to therapy, risk assessment, screening methods, informatics and informatics networks, and biostatistics.
- **Etiology:** Research on the causes of cancer—genetic, environmental, and lifestyle factors and their interactions. Examples include environmental chemicals, hormone-disrupting agents, gene-environment interactions, microbial agents, radiation exposure, and genetic polymorphisms that affect carcinogen metabolism.
- **Prevention:** Identification of interventions that reduce cancer risk. Examples include chemoprevention, vaccines to prevent cancer, behavioral modifications that reduce cancer risk, studies on energy balance and dietary factors associated with cancer risk, and identification of cancer risk factors.

- **Scientific model systems:** Development of new animal models, cell culture systems, and computer simulations and their application to other studies across the spectrum of cancer research. Examples include mathematical modeling of cancer processes; development of diverse animal models, including transgenic mice, zebra fish, *Drosophila*, etc; and development of organ and tissue model systems.
- **Treatment:** Identification, development, and testing of treatments for cancer. Examples include drug development, immunotherapy, personalized cancer therapy, methods of drug delivery, antiangiogenic therapy, clinical trials, and treatments to prevent recurrence.

Appendix 2: PROGRAM FOCUS - Definitions of Cancer Research Types

In [Tab 2](#) (Application Information/Application Classification), the applicant is required to select a program focus that best describes the proposed cancer research type. Descriptions of cancer research types are as follows*:

- **Basic Research** - results in the acquisition of new knowledge and elucidates fundamental mechanisms in biology.
- **Translational Research** - involves the application of discoveries from basic research to practical problems associated with cancer as well as research on how to improve best practices in the community.
- **Clinical Research** - involves studies with human subjects and includes patient-oriented research on mechanisms of disease, therapy, and development of new technologies as well as epidemiologic and behavioral studies and outcomes and health services research.

*Taken from, Rubio et al, “Defining Translational Research: Implications for Training,” *Academic Medicine*, 85:470–475, 2010.