



# **AACR Anna D. Barker Basic Cancer Research Fellowship**

## **2020 Program Guidelines and Competitive Letter of Intent Instructions**

**American Association for Cancer Research**  
615 Chestnut Street, 17th Floor  
Philadelphia, PA 19106-4404  
[www.aacr.org/funding](http://www.aacr.org/funding)  
[grants@aacr.org](mailto:grants@aacr.org)

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## PROGRAM GUIDELINES

### PROGRAM SUMMARY

The AACR Anna D. Barker Basic Cancer Research Fellowship encourages and supports postdoctoral or clinical research fellows to establish a successful career path in cancer research. The research proposed for funding may be in any area of basic cancer research.

This fellowship provides \$110,000 over a two-year period to support the salary and benefits of the fellow while working on a mentored basic cancer research project. A partial amount of funds may be designated for non-personnel expenses, such as research/laboratory supplies, equipment, publication charges for manuscripts that pertain directly to the funded project, and other research expenses.

### LETTER OF INTENT DEADLINE

October 24, 2019, at **1:00 p.m.** U.S. Eastern Time

### APPLICANTS NOTIFIED OF DECISION STATUS OF LETTER OF INTENT

November 2019

### FULL APPLICATION DEADLINE *(for those invited to apply based on the Letter of Intent)*

January 28, 2020, at **1:00 p.m.** U.S. Eastern Time

### NOTIFICATION OF AWARD

March 2020

### ANNUAL GRANTS RECEPTION AND DINNER AT AACR ANNUAL MEETING 2020

April 28, 2020 – Grant recipients must attend the Grants Reception and Dinner to formally accept their grant. Grant funds may be used to support the grantees' registration and attendance at this Annual Meeting.

### START OF GRANT TERM

July 1, 2020

### APPLICANT ELIGIBILITY CRITERIA

Applicants must have a doctoral degree (including PhD, MD, MD/PhD, or equivalent) in a related field and not currently be a candidate for a further doctoral degree.

At the start of the grant term on July 1, 2020, applicants must:

- Hold a mentored research position with the title of postdoctoral fellow, clinical research fellow, or the equivalent
  - If eligibility is based on a future position, the position must be confirmed at the time of application and **CANNOT** be contingent upon receiving this grant.
  - If the future position is at a different institution than the applicant's current institution, the applicant must contact AACR's Scientific Review and Grants Administration Department (AACR's SRGA) at [grants@aacr.org](mailto:grants@aacr.org) **before** submitting their Letter of Intent for information on additional verification materials/signatures that may be required.

- Have completed their most recent doctoral degree **within the past three years** (*i.e., degree cannot have been conferred before July 1, 2017; the formal date of receipt of doctoral degree is the date the degree was conferred, as indicated on their diploma and/or transcript*)
  - Applicants with a medical degree must have completed their most recent doctoral degree or medical residency - **whichever date is later** - within the past three years.
- Work **under the auspices of a mentor** at an academic, medical, or research institution anywhere in the world.
  - There are no citizenship or geographic requirements. However, by submitting a Letter of Intent for this grant, an applicant applying from an institution located in a country in which they are not a citizen or a permanent resident assures that the visa status will provide sufficient time to complete the project and grant term at the institution from which they applied.

An exception to the three-year window may be granted for parental leave or other well-justified leave from research for pressing personal or family situations of generally less than 12 months duration. Applicants whose experience exceeds the maximum of three years but who believe they are eligible (e.g., maternity/family leave) must contact the AACR's SRGA at [grants@aacr.org](mailto:grants@aacr.org) **before** submitting a Letter of Intent to verify their eligibility.

Applicants who believe that they are at the level of postdoctoral or clinical research fellow, but hold a different title, may be eligible and must contact the AACR's SRGA at [grants@aacr.org](mailto:grants@aacr.org) **before** submitting a Letter of Intent.

Applicants should be AACR members. Annual dues are not required for early-career researchers interested in Associate membership. Nonmembers interested in this grant opportunity must submit a satisfactory application for AACR membership, and be members in good standing, by the Letter of Intent deadline. Nonmembers can apply for membership using the [Official Application for Membership](#) submitted to the AACR with the required documents or apply [online](#). Suspended Members can renew their membership through their [myAACR](#) account. Lapsed members should contact the Membership Department at [membership@aacr.org](mailto:membership@aacr.org) for assistance and with any questions.

Investigators may submit only **one** Letter of Intent for the AACR Anna D. Barker Cancer Research Fellowship but may concurrently apply for other AACR grants. However, applicants are expected to accept the first grant they are awarded. Individuals may accept and hold only one AACR grant at a time.

Employees or subcontractors of a U.S. government entity or for-profit private industry are not eligible. Postdoctoral Fellows conducting research in a U.S. government laboratory (e.g., NIH, CDC, FDA, etc.) are not eligible.

**Any individual who currently holds an active AACR grant may not apply.** Past grantees may apply if they complied with all progress and financial report requirements.

Investigators currently or previously holding the rank of instructor, adjunct professor, assistant professor, research assistant professor, the equivalent or higher are not eligible. Qualified researchers are invited to apply for an AACR Career Development Award.

**Exception:** If you are an MD who is considered a postdoctoral fellow but hold the title of instructor so that you can see patients, you may be eligible. Potential applicants possessing an

MD are encouraged to contact AACR's SRGA **before** submitting an application to verify your eligibility.

All applicants with questions about eligibility must contact AACR's SRGA at [grants@aacr.org](mailto:grants@aacr.org) **before** submitting a Letter of Intent.

## RESEARCH PROJECT CRITERIA

Research projects may be in any area of basic cancer research.

## COMPETITIVE LETTER OF INTENT DESCRIPTION

An AACR Competitive Letter of Intent is an application tool designed to identify the projects with the greatest scientific potential and alignment with the Program Guidelines without requiring applicants to first submit a full application. A Letter of Intent is not written as *correspondence* to the Scientific Review Committee, but instead follows a prescribed template which gathers information summarizing the proposed research project. Letters of Intent have also been called "pre-applications", "concept papers", or "letters of inquiry" by other funders.

Letters of Intent are peer-reviewed by the Scientific Review Committee. A limited number of applicants whose Letters of Intent are deemed most meritorious will be invited by the committee to submit full applications.

The Letter of Intent for the AACR Anna D. Barker Basic Cancer Research Fellowship is limited to two pages and must describe the proposed cancer research project, including the Specific Aims; Rationale, Preliminary Data, Methodology, and Approach; and Significance and Statement of Relevance. Relevant references must be attached and are limited to two pages.

The Letter of Intent must be accompanied by:

- Scientific abstract, limited to 3,000 characters including spaces, which provides a clear, concise and comprehensive overview of the proposed basic cancer research project
- Applicant's curriculum vitae
- Mentor's biographical sketch
- Letter(s) of Reference

## LETTERS OF REFERENCE

Each applicant must have a letter of reference from their mentor accompany the online Letter of Intent. If the mentor is not an active, emeritus, or honorary member of the AACR, an additional letter of reference from an endorser who is an active, emeritus, or honorary member of the AACR must accompany the Letter of Intent. If the applicant is being co-mentored, a co-signed letter of reference must be provided. If an applicant's mentor is an AACR member, an additional letter of reference from an endorser will not be accepted. For applicants whose eligibility is based on a future position, the letter of reference must verify that the future position is confirmed, and the title of the new position and start date must be stated. Instructions for submitting letter(s) of reference are addressed in Section 6 of the Letter of Intent Instructions. Letters of Intent cannot be submitted without a Letter of Reference. Applicants that have not obtained Letters of Reference by the Letters of Intent deadline will not be considered. Applicants can view letter submission status in Section 6 of the online Letter of Intent.

**NOTE: Due to the mentorship component of this grant, significant weight will be given to this letter in the evaluation of the Letter of Intent.**

### **EVALUATION OF COMPETITIVE LETTERS OF INTENT AND INVITED APPLICATIONS**

The Scientific Review Committee that will peer-review the Letters of Intent and invited applications is comprised of researchers and physician-scientists respected for their own accomplishments in cancer research and viewed as leaders in the field. The President of the AACR, will appoint the members of the Scientific Review Committee.

The Committee will consider the following criteria when reviewing Letters of Intent and invited full applications:

- **Applicant.** What training and experience does the applicant have to ensure successful implementation of the proposed project? Is their academic record and research experience of high quality? Does the applicant have the potential to develop as an independent and productive cancer researcher?
- **Project Proposal.** Is the proposed project of high scientific quality? Is the budget fully-justified and reasonable in relation to the proposed project? *(The budget-related question will be used to evaluate the full applications for the AACR Anna D. Barker Basic Cancer Research Fellowship.)*
- **Mentor.** Does the mentor have research qualifications and a demonstrated record of mentorship? Is there evidence of a match between the research interests of the applicant and that of the mentor to ensure the applicant's development as a productive cancer researcher?
- **Training Environment.** Is the institutional environment for the scientific development of the applicant of high quality? Is there appropriate institutional commitment to foster the applicant's training to become a productive cancer researcher? *(This criterion will be used to evaluate the full applications for the AACR Anna D. Barker Basic Cancer Research Fellowship.)*

The Committee will consider each year's applicants independently, without regard to the topics covered in previously funded proposals or to the institutions of the previous grantees.

### **TOBACCO INDUSTRY FUNDING AND CONFLICTS OF INTEREST STATEMENT**

A Fellow whose named mentor is funded by the tobacco industry for any research project is not eligible for any AACR grant. A Grantee or their named mentor who accepts funding from the tobacco industry for any research project during the term of an AACR grant must inform the AACR of such funding, whereupon the AACR grant will be immediately terminated.

Tobacco industry funding is defined for purposes of AACR grant applicants and recipients as money provided or used for all or any of the costs of any research project, including personnel, consumables, equipment, buildings, travel, meetings and conferences, and operating costs for laboratories and offices. It is not defined as money provided or used for meetings or conferences that do not relate to any particular research project.

Tobacco industry funding includes: funds from a company that is engaged in or has affiliates engaged in the manufacture of tobacco produced for human use; funds in the name of a tobacco brand, whether or not the brand name is used solely for tobacco products; funds from a body set up by the tobacco industry or by one or more companies engaged in the manufacture of tobacco products.

The following do not constitute tobacco industry funding for the purposes of this policy:

- Legacies from tobacco industry investments (unless the names of a tobacco company or cigarette brand are associated with them)
- Funding from a trust or foundation established with assets related to the tobacco industry but no longer having any connection with the tobacco industry even though it may bear a name that (for historical reasons) is associated with the tobacco industry

## LETTER OF INTENT INSTRUCTIONS

### LETTER OF INTENT PROCEDURES

AACR requires applicants to complete an online Letter of Intent submission by **1:00 p.m.** U.S. Eastern Time on Thursday, **October 24, 2019**, using the proposalCENTRAL website at <https://proposalcentral.com/>.

In order to submit a complete Letter of Intent, applicants need to enter information directly into the online submission platform as well as upload a number of documents. The following instructions provide details about information that needs to be entered and the materials that need to be uploaded. The section numbering corresponds to the Letter of Intent Instructions and the online proposalCENTRAL Letter of Intent submission platform.

Information to be Entered Directly into proposalCENTRAL	Letter of Intent Instructions Section	proposalCENTRAL Section
Project Title and Acknowledgement of Reading the Terms and Conditions	1. Title Page	1) Title Page
Applicant Information	4. Applicant	4) Applicant
Institution and Contact Information	5. Institution & Contacts	5) Institution & Contacts
Scientific Abstract	7. Scientific Abstract	7) Scientific Abstract

Templates	Letter of Intent Instructions Section	proposalCENTRAL Section
Letter of Intent Template	8.A. Letter of Intent Documents	8) Letter of Intent Documents

Additional Materials to be Uploaded	Letter of Intent Instructions Section	proposalCENTRAL Section
Applicant's Curriculum Vitae	8.B. Letter of Intent Documents	8) Letter of Intent Documents
Mentor's Biographical Sketch(es)	8.C. Letter of Intent Documents	8) Letter of Intent Documents
Letter(s) of Reference [uploaded by Mentor and Endorser (if necessary)]	6. Letters of Reference	8) Letters of Reference

Required Signatures	Letter of Intent Instructions Section	proposalCENTRAL Section
Application Signature Page	8.E. Letter of Intent Documents	11) Signature Page(s)

### GETTING STARTED IN proposalCENTRAL

If you are a new user of proposalCENTRAL, click the orange "CREATE ONE NOW!" button and complete the registration process. After logging in, complete your Professional Profile (green tab) before starting the Letter of Intent.

If you are already registered with proposalCENTRAL, access the site and log in with your Username and Password. If you have forgotten your login information, click on the "Forgot Your Username/Password?" link.

To start a [Letter of Intent](#), select the “Grant Opportunities” tab (gray tab). A list of grant opportunities will be displayed. The list of applications can be filtered for just this organization by selecting “Filter List by GrantMaker” at the top and clicking “American Association for Cancer Research” in the drop down menu. Find the “**AACR Anna D. Barker Basic Cancer Research Fellowship**” and click the blue “Apply Now” button in the “Apply” column.

If you have any difficulties registering, logging in, or creating your Letter of Intent, contact proposalCENTRAL Customer Support at: 800-875-2562 (Toll-free U.S. and Canada), +1-703-964-5840 (Direct Dial International), or by email at [pcsupport@altum.com](mailto:pcsupport@altum.com). See the proposalCENTRAL [FAQ](#), for additional information.

### LETTER OF INTENT FORMAT

The following information is required to submit a complete Letter of Intent. Numbers correspond to the sections found on the left side of the proposalCENTRAL website.

- 1. TITLE PAGE.** Enter the title of the research project. The title is limited to no more than 75 characters (including spaces). Do not use abbreviations. A project title must be entered and saved before additional sections may be accessed.

**Terms and Conditions of the Grant.** In order to ensure that the applicant is informed of the terms and conditions of the grant should they be selected as a recipient, applicant must acknowledge that they have read the terms and conditions by typing in their name and date in the box provided.

The terms and conditions of this grant may be modified or amended by AACR prior to execution of the Grant Agreement. In addition, the grant recipient’s institution may only request revisions to the sections VII.F.; XII.; XIII.F.; and XIV.A. of the Grant Agreement prior to execution. Only in special circumstances will revisions be considered to sections other than those noted above.

- 2. DOWNLOAD TEMPLATES & INSTRUCTIONS.** The Program Guidelines and Competitive Letter of Intent Instructions document and the Letter of Intent template can be downloaded from this page. Applicants are required to use the Letter of Intent template.

See Section 8 of the Letter of Intent Instructions for how to complete and upload the template. This Letter of Intent also requires additional attachments for which templates are not provided (applicant’s curriculum vitae and mentor’s biographical sketch[es]).

- 3. ENABLE OTHER USERS TO ACCESS THIS PROPOSAL.** Optional.
- 4. APPLICANT.** Enter information for the applicant. Applicants must include their contact information, including e-mail address, phone number, mailing address, and AACR Membership information.
- 5. INSTITUTION & CONTACTS.** Enter information regarding the applicant’s institution, mentor, endorser (if necessary), and signing official.
- 6. LETTERS OF REFERENCE.** Enter the e-mail address of the mentor submitting a letter of reference. Enter the e-mail address again to confirm and click “Add.” If the mentor’s e-mail address is in the

proposalCENTRAL system, you will be prompted to “Send E-mail” to the mentor. **The e-mail will contain instructions and a link to upload the letter of reference directly to the Letter of Intent.** If the mentor’s e-mail address is not in the proposalCENTRAL system, you will be prompted for the mentor’s first and last name before being prompted to “Send E-mail.”

If the mentor is not an active, emeritus, or honorary member of the AACR, repeat the steps above to send a letter of reference request to an endorser who is an active, emeritus, or honorary member of the AACR. If the mentor is an AACR member, an additional letter of reference from an endorser will **not** be accepted.

If the applicant is being co-mentored, the mentors must provide a co-signed letter providing the mentorship details described in the e-mail instructions as they pertain to each member of the mentorship team and signed by each member of the mentorship team. Co-signed letters must be uploaded by the primary mentor. If a co-signed letter of reference is used, and a member of the mentorship team is an active, emeritus, or honorary member of the AACR, no additional letters of reference will be accepted.

The letter(s) of reference are uploaded directly from the mentor and endorser (if necessary) to proposalCENTRAL. **Letters of Intent cannot be submitted without a Letter of Reference.** Applicants can view letter submission status in Section 6 of the online Letter of Intent.

- 7. SCIENTIFIC ABSTRACT.** The abstract is limited to 3,000 characters (including spaces) and must provide a clear, concise, and comprehensive overview of the proposed work, including the background; objective or hypothesis and its supporting rationale; specific aims of the study; study design; and relevance of the proposed work.

If funded, this Abstract will become public information; therefore, do not include proprietary/confidential information.

From the lists provided, select the research areas that are most applicable to this project (*select no more than two*), select the tumor site that is most applicable to this project (select no more than one), and indicate how you found out about this grant opportunity.

**8. LETTER OF INTENT DOCUMENTS.**

*Formatting Instructions.* Applicants must adhere to the following instructions in completing the template. Failure to observe type size specifications and/or page limits may result in the return of the Letter of Intent without review.

- Type size. Must use 12-point Times New Roman for the text, and no smaller than 9-point type for figures, legends, and tables.
- Single-spaced text. Single-spacing is acceptable, and space between paragraphs is recommended.
- Margins. The page margins must be no less than 0.75 inches on each side.
- Page numbering. The Letter of Intent Narrative must be numbered consecutively; do not use section designations such as "3A" or "3B".
- Tips and techniques for inserting images in documents.
  - Reduce the file size of documents with images by “inserting” the image (as opposed to

“cutting” and “pasting”). Save graphical images as a JPG or GIF file. Insert the image into the document by selecting “Insert – Picture – From File” from the MS Word menu.

- Insert only GIF or JPG graphic files as images in your Word document. Other graphical file formats are either very large or difficult to manipulate in the document.
- Do not insert Quick Time or TIFF objects into your document.
- Anchor the images you embed in your document.
- Once you have anchored the inserted image, you can format text to wrap around the image.
- Do not edit your images in Word. Use a graphics program.
- Do not embed your images in tables, text boxes, and other form elements.
- Do not add annotations over the images in Word. Add annotations to the images in a graphics program.

**When a template is provided, the template MUST be used. Prepare and upload the following documents into your Letter of Intent in portable document format (PDF):**

- A. Letter of Intent.** *Applicants are required to use the Letter of Intent template available from the proposalCENTRAL website. The information must be presented in this order:*
- I. Letter of Intent Narrative.** Limited to two pages, including figures and tables. The References section does not count against this page limit. Must describe the proposed cancer research project and include the Specific Aims; Rationale, Preliminary Data, Methodology, and Approach; and Significance and Statement of Relevance.
  - II. References.** Limited to two pages. AACR reference style follows that of the [Uniform Requirements for Manuscripts Submitted to Biomedical Journals](#). Note that the *Uniform Requirements* specify that, for articles with more than six authors, the names of the first six authors must be listed, followed by "et al." For articles with six or fewer authors, all authors must be listed.
- B. Applicant's Curriculum Vitae (CV).** The CV must be in English and include a complete list of publications.
- C. Mentor's Biographical Sketch.** The biographical sketch must be in English. The NIH Biographical Sketch Form[OMB No. 0925-0001 and 0925-0002 (Rev. 9/17 Approved Through 3/31/2020)] should be used.
- If a co-signed letter of reference is being provided, a biographical sketch must be provided for each member of the mentorship team signing the letter.
- D. Signed Signature Page.** In order to ensure that the applicant, mentor, and institution have approved the Letter of Intent, applicants must obtain all required signatures on page 1 of the Signature Pages. Electronic/digital signatures are also permitted and shall have the same force and effect as original signatures. Downloading the Signature Page(s) is described in Section 11 below.

The signed Signature Page (with signatures from the applicant, mentor, and institution's signing official) must be uploaded to your online Letter of Intent in the Letter of Intent Documents section. If the applicant is being co-mentored, only the primary mentor is required to sign the Signature Page.

**Uploading the attachments into your submission.** Once you have converted your attachments to PDF files, the next step is to upload the files to your online Letter of Intent. *Only PDF attachments are permitted for this Letter of Intent submission.*

- Open your online application and go to the section for attaching files. Click the blue “Attach Files” button.
- Select the appropriate type of attachment from the drop-down list.
- Enter your own description of the file in the “Describe Attachment” field.
- Click on the “Browse” button to select the file from your computer.
- Click on the “Upload and Continue” button. You will get a confirmation message on your screen that the file was uploaded successfully. You will also see that your file is now listed in the “Uploaded Attachment” section of the screen. Clicking the “Back” or “Upload and Return” button allows you to go back to the main page of this section where the uploaded documents should now be listed. Click the download icon next to the file name to open and view your uploaded documents. To delete the file click on the trashcan icon to the right under the “Delete” column.

In the section for attachments, all the required attachments are listed in the middle of the screen, just below where you upload your files. This list of required attachments helps you track completion and uploading of your required attachments. Once you upload a required attachment, that attachment type will be removed from the required list and will be displayed in the "Current list of uploaded attachments."

If you wish to modify the attached file, make the revisions to your **original** file on your computer, convert the file to PDF, and use the same process above to attach the new file. **Delete any previously submitted versions of the file before submitting your Letter of Intent.**

## **SUBMITTING COMPLETE LETTER OF INTENT**

**9. PI DATA SHEET.** This is an automatically populated data sheet based on the applicants' proposalCENTRAL profile. Information for gender, race, and ethnicity must be provided to AACR. If fields are not populated, go to Section 4, “Applicant”, and select the “Edit Professional Profile” button in the center of the screen. The applicant must then go to the column on the left side of the screen, select “4) Personal Data for Application,” and enter their gender, race, and ethnicity. The Scientific Review Committee does not receive this information.

Applicants who have an ORCID ID are also invited to include this identifier with their application.

**10. VALIDATE.** Validate the Letter of Intent on proposalCENTRAL. This is an essential step. A submission that has not been validated cannot be submitted. “Validate” checks for required data and attachments. You will not be able to submit if all the required data and attachments have not been provided.

**11. SIGNATURE PAGE(S).** Use the “Print Signature Pages” button to download the Signature Pages. Signatures are only required on the first page. This page can be printed, original signatures obtained, and then uploaded to your online application. Electronic/digital signatures are also permitted and shall have the same force and effect as original signatures. Do not upload the Application Contacts and Scientific Abstract pages with the signed Signature Page.

**NOTE:** Data entered in the online submission are automatically included in the signature pages. The following signature page fields will remain blank until the full application process: Dates of Proposed Project, Proposed Budget, Human Subjects, Vertebrate Animals, Recombinant DNA, and Biohazards. If information is missing in the signature pages, it could be because you have not entered the information in one of the online sections **OR** the information is not required for this grant program. If the institution's Employer Identification Number (EIN) is not completed on the signature page, please request your institution to provide that information in their proposalCENTRAL profile.

While the "Print Signature Pages" option allows applicants to download the Signature Page, Application Contacts, and Scientific Abstract, the AACR **strongly encourages** applicants to also use the "Print Signature Pages with Attachments" option. This option can be used if your institution wishes to review the full Letter of Intent but also should be used by the applicant to ensure that the Scientific Abstract does not cut-off in this view and that your attachments were loaded properly. The following application materials will **not** be present when utilizing this option: Letter(s) of Reference and the Signature page containing the required signatures. Absence of these materials should **not** be considered an error. If your institution requires all components of the Letter of Intent to review, the above documents need to be printed individually by the applicant and added; however, as the Letter(s) of Reference are uploaded directly from the mentor and endorser (if necessary), the applicant will be unable to access these letters.

Excessive spacing in your Scientific Abstract (e.g., line breaks between paragraphs) can cause the abstract to not fully appear in the Signature Page view, even if under the 3,000 character limit. You may want to further edit your Scientific Abstract prior to submission if it does not fully appear. In addition, errors may occur when the uploaded pdf files are assembled by the system. Please check to ensure that all pages of every document included appear in the "Print Signature Pages and Attached PDF Files" option. If you are having any issues with this print option, please contact proposalCENTRAL customer support at: -800-875-2562 (Toll-free U.S. and Canada), +1-703-964-5840 (Direct Dial International) , or by e-mail to [pcsupport@altum.com](mailto:pcsupport@altum.com).

**12. SUBMIT.** After successfully passing the validate check, click the "**Submit**" link. An e-mail will be sent to you confirming your submission.

Once your Letter of Intent is submitted you may view it by accessing the 'Submitted' link under the 'Manage Proposals' tab. The status column will show "Submitted" and the date submitted. You may need to refresh your browser screen after submitting the Letter of Intent to see the updated status.

#### **CHANGES TO YOUR LETTER OF INTENT**

**Withdrawal of Letter of Intent.** Please advise the AACR promptly, in writing, should you decide to withdraw your Letter of Intent for any reason. Your correspondence must include your name, the grant opportunity to which you applied, the project title, and the reason for withdrawal.

**Change of Address.** Notify the AACR of any changes of address, e-mail, or phone number, following the submission of a Letter of Intent. Include your name and the proposalCENTRAL identification number. The e-mail address provided with your Letter of Intent will be used for all official communication about your submission including the recipient selection results; your Professional Profile in proposalCENTRAL must be kept up to date.

**Change of Institution or Position.** If you change your institution or professional position, contact the AACR to determine whether your Letter of Intent is still eligible for review.

### **INQUIRIES**

Inquiries or technical issues regarding proposalCENTRAL and the online application process should be directed to customer support at: 800-875-2562 (Toll-free U.S. and Canada), +1-703-964-5840 (Direct Dial International), or by e-mail to [pcsupport@altum.com](mailto:pcsupport@altum.com).

Inquiries about the program guidelines, eligibility requirements, and Letter of Intent materials can be directed to the AACR's Scientific Review and Grants Administration department at [grants@aacr.org](mailto:grants@aacr.org).

## MORE ABOUT THE AACR



Founded in 1907, the American Association for Cancer Research (AACR) is the world's first and largest professional organization dedicated to advancing cancer research and its mission to prevent and cure cancer. AACR has 42,000 members in 120 countries and territories around the world; over thirty percent (30%) of members live outside the United States and Canada. Twenty percent (20%) of AACR's international members are located in countries with emerging economies. The AACR offers seven categories of membership to support each aspect of our members' professional development and enhancement in cancer research. In support of the professional development of early-career investigators, no annual dues are required for Associate membership. The AACR marshals the full spectrum of expertise of the cancer community to accelerate progress in the prevention, biology, diagnosis, and treatment of cancer by annually convening more than 30 conferences and educational workshops, the largest of which is the AACR Annual Meeting with more than 22,500 attendees. In addition, the AACR publishes eight prestigious, peer-reviewed scientific journals and a magazine for cancer survivors, patients, and their caregivers. The AACR funds meritorious research directly as well as in cooperation with numerous cancer organizations. As the Scientific Partner of Stand Up To Cancer, the AACR provides expert peer review, grants administration, and scientific oversight of team science and individual investigator grants in cancer research that have the potential for near-term patient benefit. The AACR actively communicates with legislators and other policymakers about the value of cancer research and related biomedical science in saving lives from cancer. For more information about the AACR, visit [www.AACR.org](http://www.AACR.org).

In 1999, AACR awarded the first AACR Anna D. Barker Basic Cancer Research Fellowship to honor Dr. Barker's contributions to the AACR and the cancer community.

### **Anna D. Barker, PhD**

*Professor and Director, Transformative Healthcare Networks  
Co-Director, Complex Adaptive Systems*

Complex Adaptive Systems (CAS) at ASU serves as an organizing construct to approach understanding and solving multi-dimensional problems in the biomedical biosocial and health sciences. In her role as Co-Director of CAS, Dr. Barker designs and implements transformative knowledge networks specifically directed toward addressing major problems in biomedical research and biomedicine. These multi-sector networks serve as a foundation for the development of new research models that leverage convergent knowledge, innovative teams and novel funding approaches to better prevent and treat acute and chronic disease and address major healthcare problems. Several initiatives are underway including: a national effort in biomarker discovery and development, the National Biomarker Development Alliance (NBDA); and an alliance that brings together leaders from cancer biology with neuro and physical scientists to "rethink glioblastoma multiforme" – the most common adult brain tumor.

Prior to joining ASU, Dr. Barker served for several years as the Deputy Director and Deputy Director for Strategic Scientific Initiatives for the National Cancer Institute (NCI), National Institutes of Health (NIH). At the NCI she developed and led or co-led a number of trans disciplinary programs including the: Nanotechnology Alliance for Cancer; The Cancer Genome Atlas (TCGA); Clinical Proteomics Technologies Initiative for Cancer and the Physical Sciences- Oncology Centers – PS-OCs. Under her leadership the NCI also developed major initiatives in biospecimen science and bioinformatics. Dr. Barker was founding co-chair of the NCI-FDA Interagency Task Force (IOTF) and was founding co-chair of the Cancer Steering Committee of the FNIH Biomarkers Consortium (FNIH-BC). As a volunteer, she has served in a number of capacities and led key programs for several government and professional organizations including the American Association for Cancer Research (AACR), founding member and Chair of the Department of Defense Breast Cancer Program Integration Panel, Chair of the NCI Cancer Centers Study Section, Chair of the C-Change Research Committee, and a number of others. Her service to the AACR has included the Board of Directors, leadership of the Scientist-Survivor Program, and Public Forum and Chair of the Science Policy and Legislative Affairs Committee and service on numerous other committees. Dr. Barker has received a number of awards for her contributions to cancer research, cancer patients, professional and advocacy organizations and the Nation's effort to prevent and cure cancer, including: the AACR Margaret Foti Award for Leadership and Extraordinary Achievements in Cancer Research and most recently a distinguished alumni award from the Ohio State University, College of Arts and Sciences. She served for over 18 years as a senior scientist and subsequently as a senior executive in biomedicine at Battelle Memorial Institute; and co-founded and served as the CEO of a public biotechnology drug development company. Her research interests include complex adaptive systems (CAS) science, biomarker discovery and development, experimental therapeutics and free-radical biochemistry in cancer etiology and treatment. Dr. Barker completed her M.A. and PhD at the Ohio State University, where she trained in immunology and microbiology.