

A COLLABORATIVE PEDIATRIC CANCER RESEARCH AWARDS PROGRAM



Rally Foundation for Childhood Cancer Research's Grant Application Guidelines

A Collaborative Pediatric Cancer Research Awards Program includes the following granting organizations:

Rally Foundation for Childhood Cancer Research, Bear Necessities Pediatric Cancer Foundation, Arms Wide Open Childhood Cancer Foundation, The Truth 365, Open Hands Overflowing Hearts and Infinite Love for Kids Fighting Cancer

Applications may be accessed and submitted online through ProposalCENTRAL:
<https://ProposalCENTRAL.altum.com>

2018 GRANT CYCLE DATES

- Full Applications open December 3, 2018, by invitation only
- Full Applications are due January 11, 2019, by 11:30 a.m. EST
- Grant awards will be announced after April 1, 2019
- First installment checks will be mailed after July 1, 2019
- Upon receipt of the mid-year report, second installment checks will be mailed after January 1, 2020

GRANT APPLICATIONS

A Collaborative Pediatric Cancer Research Awards Program offers two separate grant applications:

Fellowship (Page 2)
Consortium (Page 9)

Young Investigator, Independent Investigator,

FELLOWSHIP GRANT AWARD PROPOSAL GUIDELINES

I. Eligibility

- Clinical fellows in a pediatric hematology/oncology fellowship and/or post-doctoral research fellows conducting pediatric cancer research.
- Principle Investigators need not be U.S. citizens.
- If you are in your last year of fellowship, you are only eligible for a one-year funded grant. You may re-apply as a young investigator the following grant cycle if this applies to you.
- The Fellow grant application is available for fellows (MD or Phd).
- Rally defines Young Investigators as researchers no more than 5 years post fellowship.
- Rally defines Independent Investigators as researchers who are more than 5 years post fellowship.
- Consortiums are three or more institutions collaborating together on a project

II. Pediatric Cancer Research Project Priority Areas

- Under-studied cancer types
- Innovative approaches to pediatric cancer research, which could lead to advanced studies or clinical trials
- Studies that are likely to lead to clinical trial
- Personalized, alternative or integrative research proposals
- Survivorship and Palliative Care Studies

The following will not be reviewed:

- Grants that have no direct relevance to pediatric cancer nor fall within the scope of the Collaborative Pediatric Cancer Research Awards Program
- Proposals for funding the management of clinical trials or infrastructure programs. However, if your research project that has been funded by the Collaboration has progressed to a clinical trial and we have funded you for three or more years, you can apply for funding for the clinical trial.

- Incomplete and/or late applications received after the deadline: 11:30 a.m. EST on January 11, 2019

III. Award Categories

Research Fellowship Grants

Fellowship awards up to \$50,000 per year will be awarded. Please note that not all grants are awarded for the full amount. Award amounts are determined by a competitive peer-review process and scores received.

Multi-Year Grants

Will receive four installments. One every six months.

Research Fellowship

Fellowship support should be requested by the Fellow Applicant. The applicant should put together the proposal with the guidance of a scientific mentor who is clearly identified in the proposal as the primary mentor with a support letter.

Funding for fellowships will be given at the post-doctoral level. Salary support for individuals above or below that level of experience/training should be part of an individual investigator grant rather than a fellowship application.

Applications will be reviewed by the Medical Advisory Board peer-review process.

The Fellow should have only one primary mentor; however, listing co-investigators or co-mentors, is acceptable. If the primary mentor should change during the course of the Fellowship, submit written documentation with this new information to the Collaborative Award Organization(s).

IV. Request for Continued Funding

If you are reapplying for continued funding, it is imperative that you thoroughly complete the application. Your application will be peer-reviewed and be considered with all other applications in this grant cycle. Applications requesting additional funding must include a

progress report summarizing how the previous grant supported the project. Also, if applicable, list the complete references to all publications, patents and other printed materials that have resulted from the project during the first year of funding period. When citing articles, provide the NIH Manuscript Submission reference number (e.g., NIHMS) or the PubMed Central (PMC) reference number (e.g., PMCID) for each article. Limited to one page.

V. Grants

The awarded funds must be used for the specific purpose for which they are granted, unless written permission is received from one of the Collaborative Award Organization(s).

We will not fund grants for construction of buildings, remodeling of laboratories or purchase of land.

We also do not pay indirect costs. If you have any additional questions about the definition of indirect costs as applicable to the Collaborative Award Organization(s), please contact the Grants Manager.

VI. Post-Award Requirements

Each Collaborative Award Organization has pledged to regularly report to its members how their donations are being used. The goodwill felt by these donors generates the continued income for future grant funding. Therefore, all award recipients must adhere to the following requirements:

1. Reports

One-Year Grants

Prior to authorization of the second installment of a grant award, the fellow should send a mid-year report stating the specific aims, studies and results, significance, plans, and a layman's summary limited to two pages. A written statement on the value of the grant to their research is also required. In other words, "What the Collaborative Organization(s)' award has meant to me." Comments should be limited to no more than three typed paragraphs.

Multi-Year Grants

Prior to authorization of the second, third and fourth installments of a grant award, the

fellow should send reports (required dates will be provided) stating the specific aims, studies and results, significance, plans, and a layman's summary limited to two pages. A written statement on the value of the grant to their research is also required with the first report. In other words, "What the Collaborative Organization(s)' award has meant to me." Comments should be limited to no more than three typed paragraphs.

For Both One-Year and Multi-Year Grants

No later than 60 days following the end of the grant term, recipients should provide a summary of the benefits of the Collaborative Organization(s)' award to their research or educational project. An annual report of expenditures should also be included.

If awarded, an annual timetable, which contains application deadlines, start dates and due dates for all reports, will be sent with each awardee's notification and acceptance letter.

2. Publications

Each Collaborative Organization encourages recipients to cite the organization(s) as a funding source in peer-reviewed publications arising from this Collaborative Awards Program. Recipients should also acknowledge the organization(s) in non-peer-reviewed articles about their research in student newspapers, alumni newsletters, institutional magazines, etc. Please forward copies of these news articles to the organization(s) as soon as they are published.

3. Miscellaneous Information - Action Required

Funding of a proposal authorizes each Collaborative Award Organization to use the applicant's name in soliciting contributions to fund its cancer research and educational programs.

Funding of a proposal also authorizes each Collaborative Award Organization to link to the applicant institution's website. We understand that your Web master must approve all Web links, and we agree to contact you if the application for your institution is funded so that we can make appropriate arrangements to link to your site.

Rally Foundation for Childhood Cancer Research (Rally) serves as the grant administrator for Rally, Arms Wide Open Childhood Cancer Foundation, The Truth 365, Open Hands Overflowing Hearts and Infinite Love for Kids Fighting Cancer. Bear Necessities Pediatric Cancer Foundation serves as its own grant administrator.

If you are funded by one or more of the Collaborative Organization(s), it is imperative that your institution properly document and recognize each individual organization.

VII. Guidelines for Submission

Electronic Submission – Deadline: January 11 2019, by 11:30 a.m. EST

- Applicants must submit proposals electronically through ProposalCENTRAL, an electronic grant submission system provided by Altum, Inc.
- Access ProposalCENTRAL at <https://ProposalCENTRAL.altum.com>.
- If you are a “new” user in ProposalCENTRAL, click the link: “Click Here to Register” and complete the registration process.
- If you are already registered in ProposalCENTRAL, access the site and log in with your User ID or email address. If you have forgotten your password, click on the “Forgot Password?” link. Supply your email address or your User ID in the space provided; your password will be sent to you by email.
- After you log in, complete your Professional Profile (second tab from the left) before starting an application.
- To start an application, select the Grant Opportunities tab (gray tab furthest to the right). A list of applications will display. Find “A Collaborative Pediatric Cancer Research Awards Program” that you wish to apply for (grant or fellowship) and click the “Apply Now” link (second-to-last column) to create your application.
- If you have any difficulties registering, logging in, or creating your application, contact ProposalCENTRAL Customer Support immediately at 1-800-875-2562 or 703-964-5840 and/or email pcsupport@altum.com.

Format Specifications for Text

Arial font size 11 point should be used for all documents. Applications that are incomplete, typed in a smaller font size or not adhering to the page limits will be rejected administratively. Use at least one-half inch margins (top, bottom, left and right) for all pages. Character limits include spaces.

Fellowship Grant Application Online Face Page (required)

Complete online Face Page. Signing official’s signature will be required. You may print the required signature page found on section 10 of the application should you choose to begin the signature process.

A. Layman's Summary (1/2 page)

This will help each organization(s)' Board of Directors evaluate the recommendations of the Scientific Advisory Council. Please provide a layman's summary in *plain language*, suitable for a general audience. Please refer to the NIH guidelines for plain language summaries: <https://www.nih.gov/institutes-nih/nih-office-director/office-communications-public-liaison/clear-communication/plain-language/plain-language-getting-started-or-brushing>

B. Scientific Summary (1/2 page)

A one-half page summary of the research objectives and rationale.

C. Human Subjects

Certification for protection of human subjects should be obtained for all applicable projects, in accordance with NIH guidelines (<http://www.hhs.gov/ohrp/humansubjects/guidance/decisioncharts.htm>). Copies of relevant documentation should accompany the proposal, including I.R.B. approval letter and/or an I.A.C.U.C. approval letter or proof of pending submission of I.R.B or I.A.C.U.C. as soon as available.

D. Vertebrate Animals

Certification for protection for the care and treatment of laboratory animals is required for all applicable projects, in accordance with NIH guidelines. Relevant documentation must accompany the proposal, including I.R.B. and/or I.A.C.U.C. approval letter or proof of pending protocols.

E. Budget

Please use Grant Application Budget format/outline (PHS 398 Form Pages 4 and 5). We will not pay for indirect costs. Enter the totals under each budget category for each year of support requested. Justification: Please provide detailed budget justification for itemized budget for direct costs. Use a continuation page as needed but limit to one page.

F. Biographical Sketch

Fellows, primary scientific mentors and co-investigators:

Please include a biographical sketch formatted to 2018 NIH guidelines (please be specific and state any areas of potential overlap your proposed project may have with

funded grants and/or pending applications). Any previous funding for the proposed project must be included here along with whether or not the project has received extramural funding (e.g. NIH) in the past.

G. Research Plan

Please keep in mind these questions as you organize items 1-3:

- What do you intend to do?
- Why is the work important?
- What has already been done?
- How are you going to do the work?

1) Specific Aims (Limited to 1 page)

State concisely the goals and specific objectives of the proposed research and the clinical impact that the results of the proposed experiments will have on the advancement of the pediatric cancer research field. State the hypotheses to be tested and relevance to the funding priorities listed in Section II of these Guidelines.

Only proposals which are directly related to Section II priority area and funding pediatric cancer research and education programs will be considered.

2) Research Strategy

a) Significance (Limited to 1/2 page)

Describe the importance of the problem to progress in the field that the proposed studies will address. Explain research to date that has led to the present application, critically evaluate existing knowledge and specifically identify the need that the project is to fill. State the significance of your proposed project with respect to the pediatric cancer research by relating the specific aims to the goals and long-term objectives.

b) Innovation (Limited to 1/2 page)

Provide a detailed explanation for the innovations that are included in the

proposal. Explain how the application seeks to shift current research or clinical practice paradigms. Describe any novel theoretical concepts, approaches or methodologies, instrumentation or interventions to be developed or used, and elaborate on any advantages over existing methods.

c) Experimental Approach and Research Design (Limited to 4 pages)

Describe the experimental approach to the research question and state the procedures and methods to be used in achieving the specific aims. Include how the data will be collected, analyzed and interpreted. Provide a tentative sequence or timetable for the project. Specify any procedures, situations or materials that may be hazardous to personnel and the precautions to be exercised. Reviewers will weigh heavily the feasibility of carrying out the project in the projected time span, analyzing any potential difficulties and limitations of the proposed procedures, and specific aims.

d) Career Plan (Limited to 1 page)

Fellow applicant should describe a long-term career plan and elaborate on how the successful completion of the proposed research fellowship would benefit his/her career goals in the pediatric cancer field.

3) Appendix

Use this space for additional information that is pertinent to the application that has not been included in any other areas of the proposal that you would like for the reviewers to consider.

H. Relevant References (Limited to 1 page)

List all references in “Nature” format. Limit the references to relevant and current literature. It is important to be concise and to select only those literature references pertinent to the proposed research.

I. Letters of Support

Include letters of support from the scientific mentor and the department head.

J. Consultants

Include any appropriate support letters here from all individuals confirming their roles in the project.

SHOULD YOU HAVE ANY PROBLEMS, YOU MAY CONTACT THE GRANTS MANAGERS OF “A COLLABORATIVE PEDIATRIC CANCER RESEARCH AWARDS PROGRAM” AT THE FOLLOWING ADDRESSES:

Bear Necessities Pediatric Cancer Foundation

Susan Mura

Email: smura@bearnecessities.org, Phone: 312-214-1200, ext. 23

Rally Foundation for Childhood Cancer Research,
Arms Wide Open Childhood Cancer Foundation, The Truth 365, Open Hands
Overflowing Hearts and Infinite Love for Kids Fighting Cancer

Leigh Anna Lawler

Email: Leighanna@RallyFoundation.org, Phone: 404-847-1270

**YOUNG INVESTIGATOR, INDEPENDENT INVESTIGATOR AND CONSORTIUM
GRANT AWARD PROPOSAL GUIDELINES**

I. Eligibility

- All academic ranks, Instructor to Professor, with MD and/or PhD may apply
- Principle Investigators need not be U.S. citizens.

II. Pediatric Cancer Research Project Priority Areas

- Under-studied cancer types
- Innovative approaches to pediatric cancer research, which could lead to advanced studies or clinical trials
- Studies that are likely to lead to clinical trial
- Personalized, alternative or integrative research proposals
- Survivorship and Palliative Care Studies

The following will not be reviewed:

- Grants that have no direct relevance to pediatric cancer nor fall within the scope of the Collaborative Pediatric Cancer Research Awards Program
- Proposals for funding the management of clinical trials or infrastructure programs. However, if your research project that has been funded by the Collaboration has progressed to a clinical trial and we have funded you for three or more years, you can apply for funding for the clinical trial.
- Incomplete and/or late applications received after the deadline: 11:30 a.m. EST on January 11, 2019

III. Award Categories

Young Investigator and Independent Investigator Research Grants

Grants up to \$50,000 per year will be awarded. Please note that not all grants are awarded for the full amount. Award amounts are determined by a competitive peer review process and scores received.

Consortium Grants: Three or More Institutions Collaborating on a Grant-Supported Research Project

Grants up to \$100,000 per year will be awarded to the grantee that also will be responsible for the reporting back to the Collaborative Award Organization(s). Please note that not all grants are awarded for the full amount. Award amounts are determined by a competitive peer review process and scores received.

Multi-Year Grants

Will receive four installments. One every six months.

IV. Request for Continued Funding

If you are applying for continued funding, it is imperative that you thoroughly complete the application. Your application will be peer-reviewed and be considered with all other applications in this grant cycle. Applications requesting additional funding must include a progress report summarizing how the previous grant supported the project. Also, if applicable, list the complete references to all publications, patents and other printed materials that have resulted from the project during the first year of funding period.

When citing articles, provide the NIH Manuscript Submission reference number (e.g., NIHMS) or the PubMed Central (PMC) reference number (e.g., PMCID) for each article. Limited to one page.

V. Grants

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We will not fund grants for construction of buildings, remodeling of laboratories or purchase of land. We also do not pay indirect costs. If you have any additional questions about the definition of indirect costs as applicable to the Collaborative Award Organization(s), please contact the Grants Manager.

VI. Post-Award Requirements

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1. Reports

One-Year Grants

Prior to authorization of the second installment of a grant award, the PIs should send a mid-year report stating the specific aims, studies and results, significance, plans, and a layman's summary limited to two pages. A written statement on the value of the grant to their research is also required. In other words, "What the Collaborative Organization(s)' award has meant to me." Comments should be limited to no more than three typed paragraphs.

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For Both One-Year and Multi-Year Grants

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- If you are already registered in ProposalCENTRAL, access the site and log in with your User ID or email address. If you have forgotten your password, click on the “Forgot Password?” link. Supply your email address or your User ID in the space provided; your password will be sent to you by email.
- After you log in, complete your Professional Profile (second tab from the left) before starting an application.
- To start an application, select the Grant Opportunities tab (gray tab furthest to the right). A list of applications will display. Find “A Collaborative Pediatric Cancer Research Awards Program” that you wish to apply for (grant or fellowship) and click the “Apply Now” link (second-to-last column) to create your application.
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Grant Application Online Face Page (required)

Complete online Face Page. Signing official’s signature will be required. You may print the required signature page found on section 10 of the application should you choose to begin the signature process.

Young Investigators must be no more than five years post fellowship.

If you are an Independent Investigator and wish to be considered for the pre-clinical testing grant, please put \$100,000 in the total amount requested field.

A. Layman's Summary (1/2 page)

This will help each organization(s)' Board of Directors evaluate the recommendations of the Scientific Advisory Council. Please provide a layman's summary in *plain language*, suitable for a general audience. Please refer to the NIH guidelines for plain language summaries: <https://www.nih.gov/institutes-nih/nih-office-director/office-communications-public-liaison/clear-communication/plain-language/plain-language-getting-started-or-brushing>

B. Scientific Summary (1/2 page)

A one-half page summary of the research objectives and rationale.

C. Human Subjects

Certification for protection of human subjects should be obtained for all applicable projects, in accordance with NIH guidelines (<http://www.hhs.gov/ohrp/humansubjects/guidance/decisioncharts.htm>). Copies of relevant documentation should accompany the proposal, including I.R.B. approval letter and/or an I.A.C.U.C approval letter or proof of pending submission of I.R.B or I.A.C.U.C. as soon as available.

D. Vertebrate Animals

Certification for protection for the care and treatment of laboratory animals is required for all applicable projects, in accordance with NIH guidelines. Relevant documentation must accompany the proposal, including I.R.B and/or I.A.C.U.C. approval letter or proof of pending protocols.

E. Budget

Please use Grant Application Budget format/outline (PHS 398 Form Pages 4 and 5). We will not pay for indirect costs. Enter the totals under each budget category for each year of support requested. Justification: Please provide detailed budget justification for itemized budget for direct costs. Use a continuation page as needed but limit to one page.

F. Biographical Sketch

Principal Investigator and Co-investigators:

Please include a biographical sketch formatted to 2018 NIH guidelines (please be specific and state any areas of potential overlap your proposed project may have with funded grants and/or pending applications). Any previous funding for the proposed project must be included here along with whether or not the project has received extramural funding (e.g. NIH) in the past.

G. Research Plan

Please keep in mind these questions as you organize items 1-3:

- What do you intend to do?
- Why is the work important?
- What has already been done?
- How are you going to do the work?

1) Specific Aims (Limited to 1 page)

State concisely the goals and specific objectives of the proposed research and the clinical impact that the results of the proposed experiments will have on the advancement of the pediatric cancer research field. State the hypotheses to be tested and relevance to the funding priorities listed in Section II of these Guidelines.

Only proposals which are directly related to Section II priority area and funding pediatric cancer research and education programs will be considered.

2) Research Strategy

a) Significance (Limited to 1/2 page)

Describe the importance of the problem to progress in the field that the proposed studies will address. Explain research to date that has led to the present application, critically evaluate existing knowledge and specifically identify the need that the project is to fill. State the significance of your proposed project with respect to the pediatric cancer research by relating the specific aims to the goals and long-term objectives.

b) Innovation (Limited to 1/2 page)

Provide a detailed explanation for the innovations that are included in the proposal. Explain how the application seeks to shift current research or clinical practice paradigms. Describe any novel theoretical concepts, approaches or methodologies, instrumentation or interventions to be developed or used, and elaborate on any advantages over existing methods.

c) Experimental Approach and Research Design (Limited to 4 pages)

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3) Appendix

Use this space for additional information that is pertinent to the application that has not been included in any other areas of the proposal that you would like for the reviewers to consider.

H. Relevant References (Limited to 1 page)

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I. Consultants

Include any appropriate support letters here from all individuals confirming their roles in the project.

SHOULD YOU HAVE ANY PROBLEMS, YOU MAY CONTACT THE GRANTS MANAGERS OF “A COLLABORATIVE PEDIATRIC CANCER RESEARCH AWARDS PROGRAM” AT THE FOLLOWING ADDRESSES:

Bear Necessities Pediatric Cancer Foundation

Susan Mura

Email: smura@bearnecessities.org, Phone: 312-214-1200, ext. 23

Rally Foundation for Childhood Cancer Research,
Arms Wide Open Childhood Cancer Foundation, The Truth 365, Open Hands
Overflowing Hearts and Infinite Love for Kids Fighting Cancer

Leigh Anna Lawler

Email: Leighanna@RallyFoundation.org, Phone: 404-847-1270