



2022 Pediatric Oncology Student Training (POST) Program Guidelines for Applications

Application Due: February 21, 2022, 8:00 pm (ET)

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About Alex's Lemonade Stand Foundation

Alex's Lemonade Stand Foundation (ALSF) emerged from the front yard lemonade stand of 4-year-old Alexandra "Alex" Scott, who was fighting cancer and wanted to raise money to find cures for all children with cancer. Her spirit and determination inspired others to support her cause, and when she passed away at the age of 8, she had raised \$1 million. Since then, the Foundation bearing her name has evolved into a national fundraising movement. Today, ALSF is one of the leading funders of pediatric cancer research in the U.S. and Canada, funding more than 1,000 research projects and providing programs to families affected by childhood cancer. ALSF is also the only childhood cancer research organization that has been given the NCI peer-reviewed funder designation for rigorous selection of research grants. The mission of ALSF is to change the lives of children with cancer through funding impactful research, raising awareness, supporting families, and empowering everyone to help cure childhood cancer.

POST Grant Program Description

The POST Program is a summer research internship designed for undergraduate, graduate and medical students interested in pursuing a career in pediatric oncology research. The goal of the ALSF POST program is to expose students to the field of pediatric oncology research while experiencing a real-time research project. It is expected that students will develop practical research skills and engage in a mentoring relationship with a pediatric oncology researcher.

POST provides an opportunity for students to train with a mentor who is conducting research in the field of pediatric oncology. A mentor/mentee pair is a prerequisite for applying. Students may join a research project underway in a mentor's lab or begin an original investigation with the mentor. Although the mentor and the student should work together on the application, it should be submitted online by the mentor. Students may train at an institution other than their own college, graduate or medical school, and the internship should last 8-10 weeks during late spring/summer over a time period mutually acceptable to both the mentor and the student.

ALSF seeks to increase diversity in the pediatric oncology research community by supporting the next generation of biomedical researchers from underrepresented communities. Approximately 1/3 of the 2022 ALSF POST Program awards will be reserved for students who identify as being from a racial and/or ethnic group that is underrepresented in the scientific workforce as defined by the NSF and NIH. The following groups have been shown nationally to be underrepresented in biomedical research: Blacks or African Americans, Hispanics or Latinos, American Indians or Alaska Native, Native Hawaiians and other Pacific Islanders. Please refer to Section A of the following NIH guideline: Notice of NIH's Interest in Diversity - <https://grants.nih.gov/grants/guide/notice-files/NOT-OD-20-031.html>.

Application Timeline and Review

- A full application must be submitted by the deadline that meets all guideline criteria as well as all eligibility criteria; otherwise, it will be administratively rejected.
- Applications are not processed on a rolling basis. All applications will be reviewed by ALSF after the deadline.

APPLICATION TIMELINE

APPLICATIONS DUE	February 21, 2022, 8:00PM (EST)
AWARD NOTIFICATION	Early March, 2022

PROJECTED START DATE	Late spring/summer 2022
GRANT DURATION	8 to 10 weeks
FINAL REPORT	September 19, 2022

Mentor and Mentee Eligibility

The following eligibility criteria apply:

- Mentors must be ALSF grantees (past or present, including those who have previously mentored POST students), Advisory Board, or Review Board members.
- Mentors must be active in the field of pediatric oncology research.
- The Mentor's Institution must be in the U.S. or Canada. The Mentor/Mentee do not need to be U.S. citizens.
- Mentor/Student pairs must be identified prior to submitting an application.
- Mentor must commit to training the student by submitting a commitment letter with the application, and during the Program period, plan training activities and provide guidance.
- Student must currently be enrolled in an undergraduate, graduate, or medical degree-granting program.
- Student must be able to dedicate **at least eight full consecutive weeks** to the program, typically between May 1 and August 31. The dates may vary depending on the student's scheduled school break.

Students seeking potential mentors may search the following lists but should know that mentors may have limited capacity to support summer students:

- ALSF Advisory Board Members: www.AlexsLemonade.org/grants/review-boards.
- ALSF Grantees: www.AlexsLemonade.org/grants/search.

Scope of Project

- Proposals must fall within the scope of Alex's Lemonade Stand Foundation's mission, focused on childhood cancers. Proposals with a sole/primary focus on patients >19 years of age will not be considered.

Budget

A maximum of \$5,000 will be awarded, and indirect costs are not allowed. *Funds must be sent to and administered by the mentor's institution.* The budget may be allocated as follows:

- **Student Stipend:** At least \$4,000 must be used for the student stipend over the program period.
- **Supplies:** A maximum of \$1,000 may be designated for supplies associated with the student's work. Supplies should be for consumables during the program time period. The remaining balance must be used for the stipend.
 - Excludes equipment/computers, service contracts, long-term supplies, and books.

Restrictions

- ALSF funds cannot be used for research utilizing human embryonic stem cells or non-human primates. Research with human induced pluripotent stem cells is permissible.
- Overlap with other funding sources for research or stipend is prohibited.
- One application per mentor is permitted.

- Students may not work on a thesis, dissertation, research elective, or curriculum-related activity during the POST Program time. The POST research project must be separate from any thesis or dissertation work.
- If the student withdraws or does not complete the 8-week minimum, the remaining funds must be returned to ALSF.

Grant Requirements

- The student is expected to reach program goals and complete the submitted training and research plan. ALSF expects the student to become productive in their role on a project.
- Students are required to complete a brief midpoint survey after completing the first four weeks of their program. ALSF will send information for completing the survey to the student.
- Attendance at seminars and other educational events related to the field, occurring at the mentor's institution, is encouraged.
- Resource Sharing is a focus and important initiative for ALSF. Throughout the POST Program experience, students will be offered opportunities to consider how sharing fits into science in general and their lab in particular.
- Students are expected to attend all ALSF POST Webinars and networking events. Dates to be determined.
- Students are expected to respond to occasional follow-up surveys in subsequent years.
- A **Final Report** is due on September 19, 2022. The Final Report consists of a student narrative, student survey, and mentor survey. The student narrative will be created by the student and submitted by the mentor through the ALSF portal used to submit the application. The student and mentor surveys are Google Forms. Links to the surveys will be sent in late summer 2022.

Application Package Instructions

- All sections described below should be combined into one PDF (max 20 MB) and uploaded to the ALSF online application form ([see Application Submission Instructions](#)).

Format Instructions

- **PAGE HEADER:** All pages of the application should be numbered; the name of the student should appear in the upper right-hand corner of each page.
- **FORMAT:** Follow NIH format guidelines: Arial, Helvetica, Palatino Linotype, or Georgia fonts with a font size of 11 points or larger with a minimum of ½ inch margins.
- **ORDER & LENGTH:** The order of the application should be followed, adhering to the maximum number of pages allowed for each subsection indicated in parentheses.

Section Descriptions

1. Project Information

- **Cover Page (1 page):** Download and complete the [ALSF POST Cover Page](#). Cover page must be signed by the POST mentor and mentor's institution.
- **Student Personal Statement (0.5 page):** Describe what you hope to get out of the POST Program and how it will impact you as a future researcher. Describe your research interests in pediatric oncology and any additional pertinent information.
- **Project Summary (0.5 page):** Describe the project the student will be working on, in layman terms.

- d. **Role and Training Plan (1 page):** Describe the student’s goals for the POST Program and their role on the research project. Outline how the student and mentor will work together to reach the goals. Include the start and end dates for the student’s involvement in the project.
 - e. **Letter of Commitment from POST Program Mentor (1-2 pages):** Letter should confirm mentorship role with the student and describe activities. Briefly address the research project and expectations for the student.
 - f. **Student CV/Resume (2 pages):** Include other research and/or stipend support.
 - g. **Mentor Biosketch:** Use the NIH five-page biographical sketch (SF424) format.
 - h. **Human Subjects (1 page):** If required, include the IRB approval letter or equivalent. If approval is pending, indicate the expected approval date. If IRB approval is not applicable, include a note in this section.
 - i. **Vertebrate Animals (1 page):** If required, include the IACUC approval letter or equivalent. If approval is pending indicate the expected approval date. If IACUC approval is not applicable, include a note in this section.
2. **Budget and Justification (1 page):** Complete the [POST Program Budget Form](#). The signature from an institutional representative on the cover page of this grant application specifically acknowledges and accepts this budget and acknowledges that no indirect costs will be paid.
 - a. The award amount is a maximum of \$5,000.
 - b. The minimum student stipend is \$4,000. Note any other stipends for the student that overlap with the POST Program timeline.
 - c. Up to \$1,000 may be designated for supplies (see above restrictions).

Application Submission Instructions

Applicants must not use the IE browser as it is not compatible with the online portal. Chrome and Firefox browsers are recommended.

1. Applications must be submitted by the mentor. To start an application, navigate to the portal at ALSApps.force.com. Log-in with your username and password.
2. After you log in, select 2022 POST Program Grant to submit your application. Follow the directions to complete the online form and submit your application.
3. The application document must be uploaded as **one PDF** (maximum of 20 MB).
4. You may save your application to finish later. Go to ALSApps.force.com and login again. You will land on your dashboard. Click “Applications” to edit your application in progress.
5. Once completed, submit the application by clicking “Review & Submit” and “Submit”. You will see error messages for any required fields that need to be completed.
6. After your application has been successfully submitted, an email confirmation will be sent. You will not be able to amend the application after submission.

Contact

- If you have any questions regarding the ALSF POST Program Grant, please contact Gina Abrevaya Dyer, Grant Coordinator, at 267-228-4530 or by email at G.Dyer@AlexsLemonade.org.