



NMDPSM Barbara Buchbinder Nurse Research Program Grant Instructions

About the Program

The NMDPSM Barbara Buchbinder Nurse Research Program is focused on improving transplant experience and outcomes for pediatric patients. This program was established in the memory of Barbara Buchbinder who dedicated 20 years to pediatric hematology/oncology and transplant care. The Barbara Buchbinder Nurse Research Program is administered by NMDPSM.

Description of the Award

The Barbara Buchbinder Nurse Research Program will provide one awardee with a maximum \$25,000 award with the intent to complete the project within 3 years of receiving the award. Awardees cannot receive additional funding for the same awarded project unless productivity and need are demonstrated. An awardee will be chosen each year, based on availability of funding. Any application failing to meet the requirements of the program will be judged ineligible.

Research Scope

The research proposal must address complications arising after allogeneic HCT or a cellular therapy directed at a disease traditionally treated by HCT. The cellular therapy being studied does not have to be given in conjunction with HCT. Post-transplant or cellular therapy complications are defined as acute and late complications, including relapse.

Proposals may describe either clinical or pre-clinical investigations. Clinical investigations include observational human research, prospective interventional clinical trials in humans, and ancillary laboratory studies performed in conjunction with a human prospective clinical trial. Pre-clinical investigations include laboratory-based human studies designed to test the mechanisms, safety, and efficacy of an intervention prior to or in conjunction with its application in humans. All proposals must have only one principal investigator, the applicant. Co-investigators are acceptable but will not receive support from the award.

Qualifications of the Principal Investigator

- The research proposal must be relevant to allogeneic HCT or cellular therapy used to treat pediatric patients.
- Research focus areas include basic science (pre-clinical and non-animal), translational investigation, supportive care and survivorship. Applications addressing supportive care and survivorship needs in pediatric transplant recipients

are highly desirable.

- Pre-clinical investigations include laboratory-based investigation designed to test the mechanisms, safety and efficacy of an intervention prior to or in conjunction with its application in humans. Animal-based research will not be supported. Clinical investigations include observational human research, prospective interventional clinical trials in humans and ancillary laboratory studies performed in conjunction with a human prospective clinical trial.
- All proposals must have only one principal investigator, the applicant. Co-investigators are acceptable but will not receive support from the award.
- At this time, one grant totaling \$25,000 will be awarded yearly for the Barbara Buchbinder Nurse Research Program. Payment will be made upon receipt and execution of the grant. The scholar will need to submit a progress report after one year and a comprehensive report after two years including an overview of research, results, highlights and findings. Presentation of the work at a national meeting venue is expected with subsequent publication of the work being highly desirable.
- The expectation is that the scholar will remain at the same institution for the duration of the grant, or a portion of the grant will be subject to refund to NMDP if the scholar leaves prior to the agreed upon time frame.
- Grant award recipients will use data, samples, physical collections and other supporting materials solely for performing the research activities as defined under their grant award. Any other proposed use by the grant recipient will require prior written approval from NMDP.
- Any presentation or publication incorporating the research supported by this award must acknowledge the “This work was supported by the Barbara Buchbinder Nurse Research Program which is funded through the Be The Match Foundation®.”
- Applicant requirements include:
 - Practice in the field of pediatric allogeneic HCT.
 - Obtained a nursing degree (ADN, BSN, MSN, NP, DNP, PhD) within the past ten years (January 1, 2015, or later) .
 - For applicants with more than one relevant degree, eligibility will be based on the most recent degree achieved.
 - Applicants whose careers have been interrupted may request an extension of the degree requirement by completing an Extension Request Form.
 - Obtained APHON certification.
 - Not hold an NIH R01, R21 or equivalent research grant at the time of the

award.

- Hold a position in a U.S. facility at the time of the application and award.
- Be a U.S. citizen, permanent resident, or foreign citizen holding a valid U.S. visa.
- Two (2) institutional support letters, one by primary mentor, BMT Director or Nursing Supervisor, as applicable.

If credentials for eligibility are uncertain, please email BBGrant@nmdp.org.

Application Deadline and Submission Instructions

Proposals must be submitted by 2:00 p.m. Central (CST) on or before **Friday, November 8, 2024**. The application must be emailed to BBGrant@nmdp.org.

You will receive an email within 1 business day acknowledging that your application was received. If you do not receive this email: please contact BBGrant@nmdp.org to inquire.

Application Instructions

Application forms are available on the Barbara Buchbinder Nurse Research Program [website](#).

The application form must be completed in 11 or 12 point font, and the page and space limits specified in the application form must not be exceeded. Use the application checklist found below to ensure that the application is complete prior to submission. Incomplete applications will be judged ineligible for consideration.

The completed proposal must include the following:

1. Completed cover sheet including required signatures.
2. Table of contents for the application.
3. Description (abstract) of the proposed research (not to exceed 250 words).
4. Detailed budget for the entire period of support.
5. Curriculum Vitae of Principal Investigator.
6. Description of other research support. Provide a description of any active and pending research support.
 - a. List the title of the project.
 - b. Period of the funding.
 - c. Total funding awarded/requested.
 - d. Principal Investigator's role and effort in the project.
 - e. Areas of overlap between the proposal and active or pending projects must be identified and addressed.
7. Resources. Provide a complete description of the resources available to support completion of the project. Include a description of the facilities, computer support, and necessary major equipment.
8. Research plan. The research plan must not exceed 12 pages, not including references. It should contain the following sections:

- a. Specific aims of the project.
 - b. Description of the significance of the project with appropriate background information.
 - c. Discussion of the Principal Investigator's preliminary investigations and findings.
 - d. Description of the proposed research including design and methodology.
9. List of the references cited.
10. Supporting documents. Supporting documents may include the following:
- a. Human certification. Projects proposing investigation involving human subjects must obtain appropriate Institutional Review Board (IRB) approvals. A letter of intent to seek IRB approval must be submitted with the application.
 - b. Letters from mentors. Letters from proposed collaborators or consultants must be included.
 - c. Letters of support. The application may include up to three letters of support obtained from senior faculty members.

Acknowledgment of Support

Any publications resulting from this research must acknowledge financial support:
"This work was supported by the Barbara Buchbinder Nurse Research Program which is funded through the NMDP FoundationSM."

Selection Procedure

Applications will be evaluated by a review panel who will chose the winner based upon the merit of the application and applicant.

The Buchbinder Scholar will be awarded and announced at the **2025 Tandem Meetings | Transplantation & Cellular Therapy Meetings of ASTCT and CIBMTR** held February 12 - 15, 2025.