



Clinical & Translational Research Seed Grant Awards Guidelines

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Clinical & Translational Research Seed Grants are funded by BC Children's Hospital Foundation.

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Clinical & Translational Research Seed Grants

Target Audience – Postdoctoral Fellows and Clinical Partners, Oak Street Campus

Award Value – Up to \$10,000, non-renewable

Award Term – 2 years; March 1, 2022 – February 28, 2024

Application Deadline – Friday, October 29, 2021

Most Recent Application Form & Guidelines – <https://bcchr.ca/seed-grants>

Questions or Concerns: resinfo@bcchr.ca

Award Description

The Clinical & Translational Research Seed Grant has been developed to promote research collaborations between a postdoctoral fellow and clinical partner on the Oak Street Campus in clinical and translational research projects.

Applicant Eligibility

An application for a Clinical & Translational Research Seed Grant must include a postdoctoral fellow and clinical partner based on the Oak Street Campus.

- A **Postdoctoral Fellow** is defined as: A research trainee (not employee) supervised by a research Investigator (holding a full-time academic appointment at a British Columbia University) at BC Children's Hospital, whose area of investigation has direct relevance to improving the health of children and families.

A research associate may apply in place of a postdoctoral fellow if they have completed a PhD within 6 years of the application deadline date. If leave time was taken and extended this period, please contact resinfo@bcchr.ca to discuss eligibility.

- A **Clinical Partner** is defined as: A resident, subspecialty resident/fellow or other health professional (e.g. nurse, rehabilitation therapist, social worker, etc.) based at either BC Children's Hospital or BC Women's Hospital & Health Centre.

A physician is eligible to be the clinical partner if they are within 5 years of completing their residency by the application deadline date. A new investigator is eligible to be the clinical partner if their first academic position or research-related appointment is within 5 years of the application deadline date. If leave time was taken and extended this period, please contact resinfo@bcchr.ca to discuss eligibility.

The postdoctoral fellow and clinical partner may have the same supervisor; however, funding priority will be given to projects with newly established partnerships that aim to explore novel ideas and require multi-disciplinary expertise.

The postdoctoral fellow and clinical partner may only be listed on one application per competition.

If funding is received, the same postdoctoral fellow and clinical partner are eligible to re-apply for a future Clinical & Translational Research Seed Grant, but the project must differ from the originally funded project.

If funding is not received, the postdoctoral fellow and clinical partner are eligible to re-submit the same application for a future deadline date if they continue to meet application eligibility.

Project Eligibility

The intent of the seed grant is to support well-defined research projects that foster new areas of research, enhance research partnerships, and build leadership capacity and career development for both research and clinical trainees.

Funding for new initiatives OR developments within an existing research program may be supported. Priority will be given to projects with newly established partnerships that aim to explore novel ideas and require multi-disciplinary expertise. A tangible outcome within the funding period and potential to seed longer initiatives and/or translational partnerships should be demonstrated.

The project must have a specified benefit for improving the health of children and families. An application for a project focused on healthy pregnancy may be submitted as long as the applicants demonstrate how the project also provides a benefit to the long-term health of children and families.

Funded projects require ethics approval by the UBC/C&W Research Ethics Board and must be completed within one year following the award period start date.

Protecting the safety of the research community on the Oak Street Campus is a top priority. All projects must comply with the policies and directives established for the [resumption of research activities onsite](#).

Application Requirements

The application must be assembled and submitted electronically as an email attachment(s) to resinfo@bcchr.ca. The application must be received by 4:30pm PST on **Friday, October 29, 2021**. Incomplete or late applications will not be accepted.

The application package can be submitted by either the postdoctoral fellow or clinical partner.

A complete application package consists of the following:

1	UBC Research Project Information Form (RPIF)*	Download Form – www.ors.ubc.ca/contents/electronic-forms If funded, the individual listed on the RPIF as the 'UBC Principal Investigator' will have signing authority on the grant. This can be either the postdoctoral fellow's supervisor or the clinical partner (if applicable). The postdoctoral fellow on the application cannot be the 'UBC Principal Investigator'. The date for submitting the RPIF to UBC ORS for signatures is at least 3 days before the deadline date. For more information, contact Nur Eisma at neisma@bcchr.ubc.ca .
2	Application Form	Download Form – https://bcchr.ca/seed-grants
<i>From the Postdoctoral Fellow</i>		
3	CV	CIHR Academic Format – If you have not submitted to CIHR before, you do not need to apply for a PIN. A draft CV is acceptable.
4	Letter of Support	From the postdoctoral fellow supervisor.
<i>From the Clinical Partner</i>		
5	CV	Any format is acceptable.
6	Letter of Support	From the clinical partner's research supervisor, department head, resident program director or division head.

*For BCCHR Investigators affiliated with a university other than UBC, an RPIF is not required for the application package.

Review Process

All eligible applications are reviewed by a rotating committee selected by the Research Education & Services Team. This multi-disciplinary committee includes representation from each of the Research Themes covering a broad range of areas in basic and clinical research. Similar to CIHR, applicants should assume some reviewers will have expertise outside their research area when writing their application.

The assessment process for each application includes an individual review as well as a full committee review. Applications are ranked based on the following criteria:

- Innovative research project with direct relevance to improving the health of children and families
- Demonstrates interdisciplinary collaboration between departments and/or existing research groups
- Demonstrates opportunity for applicants to build leadership capacity and career development
- Research objectives and strategies are clearly articulated
- Key activities are clearly described and feasible for the funding period
- Roles and responsibilities of each team member are clearly stated
- Budget and resources required are defined and appropriate
- Dissemination plan is clearly described and includes multiple strategies

Funding is allocated to top ranked applicants. Applicants are provided with a short assessment and given a final ranking after the review process.

Timeline & Funding

Clinical & Translational Research Seed Grants are valued at up to \$10,000 and are non-renewable. The final amount is contingent on what was requested in the application form within 'Section 2: Budget & Resources'.

If funded, the individual listed on the RPIF as the 'UBC Principal Investigator' will have signing authority on the grant. All spending must comply with [UBC Research Finance guidelines and policies](#).

The award period is 2 years from March 1, 2022 to February 28, 2024.

Results of the Clinical & Translational Research Seed Grants will be sent to the postdoctoral fellow and clinical partner by March 1.

Changes to the Award Terms

If funded, the postdoctoral fellow and clinical partner must adhere to the project and personnel listed in the application. Under special circumstances, consideration may be given to make minor modifications. This will be assessed on a case-by-case basis and reviewed by the Clinical & Translational Research Seed Grant Chair. For more information contact resinfo@bcchr.ca.

Recognition & Reporting Requirements

Award recipients are expected to acknowledge the assistance given by BC Children's Hospital in any publication or public presentation made during or resulting from the tenure of the award. Copies of these publications are not required.

All recipients funded by BC Children's Hospital are required to complete a final report after funding has concluded. Providing information on your research accomplishments help the Institute track the impact of trainee funding. Information gained from these reports will allow us to promote research excellence while demonstrating the return on investment for BC Children's Hospital Foundation donors. The report will be emailed 4-6 weeks prior to the award end date. In addition, all award recipients may be asked to present their research.

Application Deadline

Deadline for receipt of completed applications is **Friday, October 29, 2021**. Incomplete or late applications will not be accepted.

For further information, please contact resinfo@bcchr.ca.

Appendix #1: Application Stats

The information below is meant as a guide to help with the application process. The total number of applications received and available funding varies yearly.

Deadline Year	# of Applications Submitted	# of Applications Funded
2022	<i>As of Spring 2021, funding is available to support 3 Clinical & Translational Research Seed Grants valued at \$10,000 each</i>	
2021	7	3
2020	11	3; 1 application supported by BC Women's Health Foundation
2019	9	4; 2 applications supported by the BCCHR Clinical Research Support Unit
2018	9	3

Funded Projects:

2021	<ul style="list-style-type: none"> • Katelynn Boerner, Postdoctoral Fellow, Oberlander Research Team & Danya Fox, New Investigator. <i>Understanding the perspectives and experiences of gender diverse youth living with chronic pain.</i> • Wan-Chung Chang, Postdoctoral Fellow, Carleton Research Team & Sarah Felton, New Investigator. <i>Implementation of Pharmacogenetics into Clinical Practice-A Rapid Pharmacogenetic Test Panel for Cutaneous Adverse Drug Reactions.</i> • Julie Jesson, Postdoctoral Fellow, Sauve Research Team & Tatiana Sotindjo, New Investigator. <i>Puberty development of adolescents living with perinatally-acquired HIV in Canada: description of the peak height velocity.</i>
2020	<ul style="list-style-type: none"> • Joannie Allaire, Postdoctoral Fellow, Vallance Research Team & Felipe S. Briglia, Subspecialty Resident/Fellow, Jacobson Research Team. <i>Modeling neonatal gut-immune cell interactions using enteroids.</i> • Amelie Boutin, Postdoctoral Fellow, Joseph Research Team & Vilte Barakauskas, Clinical Biochemist, Vercauteren Research Team. <i>Mining the gap: Leveraging laboratory and provincial databases to improve assessment of thyroid hormone testing in pregnancy.</i> • Laura Schummers, Postdoctoral Fellow, Norman Research Team & Jessica Liauw, Clinical Investigator. <i>Interpregnancy interval and adverse outcomes: defining optimal intervals for high-risk populations.</i>
2019	<ul style="list-style-type: none"> • Ali Farrokhi, Postdoctoral Fellow, Reid Research Team & Sally Hynes, New Investigator. <i>Identification of rejection-resistant fibroblasts for the improvement of transplantation outcomes and wound healing.</i> • Bhavi Modi, Postdoctoral Fellow, Wasserman Research Team & Catherine Biggs, New Investigator. <i>Developing a screening tool for early identification of inborn errors of immunity using Whole Exome Sequencing.</i> • Moe Elgendi, Postdoctoral Fellow, Lim Research Team & Brandon Chalazan, Resident. <i>Individualized Risk Assessment for Tyrosine Kinase Inhibitors Induced Cardiotoxicities: A Pilot Study.</i> • Sarah Moore, Postdoctoral Fellow, Kobor Research Team & Eric Cattoni, New Investigator, <i>Early Epigenetic Traces of Neonatal Abstinence Syndrome.</i>

Funded Projects:

2018	<ul style="list-style-type: none">• Hyungjun Yang, Postdoctoral Fellow, Vallance Research Team & Jonathan Bush, New Investigator. <i>Comparing Serum Immunoglobulin G4 to Esophageal Biopsy Samples in a Prospective Cohort of Pediatric Eosinophilic Esophagitis Patients.</i>• Sarah Hutchison, Postdoctoral Fellow, Oberlander Research Team & Steven Rathgeber, Subspecialty Resident/Fellow. <i>Let's Text: Engaging Adolescent Solid Organ Transplant Patients in Managing their Health.</i>• Yi-Chun Chen, Postdoctoral Fellow, Verchere Research Team & Rebecca Ronsley, Subspecialty Resident/Fellow. <i>Pancreatic hormones as predictive biomarkers for type 2 diabetes in children and youth.</i>
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