



Pacific Institute *for the*  
Mathematical Sciences

2025

# DIVERSITY IN RESEARCH EXPERIENCES ACROSS MATHEMATICS (DREAMS) INSTITUTE

July 14 –21, 2025 | Online

The PIMS **Diversity in Research Experiences Across Mathematics (DREAMs) Institute** is a **three-week online summer enrichment program** designed to provide **high school students in their last year or two of studies** an opportunity to explore the pursuit of mathematics at the **University level**. Participants will be introduced to **four foundational areas of mathematics** by guest lecturers during the first week and then work on **inquiry based projects** with the support of the lecturers and graduate teaching assistants.

One of the DREAMs Institute's primary goals is to **help students envision a career in mathematics or STEM** more broadly. We recognize that STEM fields continue to not represent the racial and gender diversity of Canadian society and we are committed to supporting students with minoritized identities in this program as they prepare to begin their University education. **We strongly encourage students from underrepresented groups to apply to this program.**

## Guest Lecturers



**JORDAN KOSTIUK**  
BROWN UNIVERSITY



**ALICIA LAMARCHE**  
UNIVERSITY OF UTAH



**STEFAN MENDEZ-DIEZ**  
BARD COLLEGE

## Cost

There is no cost to participate in the DREAMs Institute, but we do expect participants to commit to attending for the full duration of the program.

## Eligibility

Participants should be in their last two years of high school studies with a strong grasp of high school mathematics.

## Deadlines to Apply

**Early-Bird consideration:** Friday, May 2nd

**General consideration:** Friday, June 6th

**Application Form:**

[https://docs.google.com/forms/d/1fTMnYfb8Sks4zy32UjT3mdX4Nc4bwRDFd17UIFBjRCM/viewform?edit\\_requested=true](https://docs.google.com/forms/d/1fTMnYfb8Sks4zy32UjT3mdX4Nc4bwRDFd17UIFBjRCM/viewform?edit_requested=true)

**For more information:**

<https://www.pims.math.ca/events/250714-2direamdi>