

PRINCETON UNIVERSITY: Mathematics Department

To: Undergraduate Math Majors
Date: January 30, 2014
Subject: *Summer Program Funding Requests.*
From: Scott Kenney, Special Projects Manager
320 Fine Hall/e-mail: skenney@princeton.edu

Dear Math Majors: The purpose of this memo is to advise you of two summer research funding opportunities for Princeton University math majors. The first is for a summer research program here and the second is to support a summer research program (e.g., REU's at other schools) elsewhere. Please review the following:

1. SUMMER PROGRAM FOR MATHEMATICS MAJORS, 2014:

Once again, the Princeton University Mathematics Department expects to support approximately 10 undergraduate mathematics majors for a research program this summer. Participating students will be required to be on campus for a total of 8 weeks during the summer period, where the total period of time could be split into two or three shorter periods, if approved. Students will receive grants of \$4,000 apiece for living expenses during the summer program.

The goal of this program is to provide math majors with the opportunity for reading and study in some areas of mathematics that are not part of the regular program of courses offered by the Mathematics Department. The requirements are:

- Each student will work under the direction of a faculty member in the Mathematics Department. (Ideally, this would be an opportunity for each student to learn not just a body of mathematics but to also be able to engage in some independent investigation.)
- Students interested in applying to participate in this program ***must*** find a faculty member in the Mathematics Department who agrees to serve as the student's adviser for the period of the program. Before the beginning of the summer program, the faculty adviser and student will outline a program of reading and study on a topic of mutual interest. The faculty adviser will meet regularly with the student during the summer. (The organization and conduct of each student's program will be up to the individual faculty members involved and could vary considerably with the topic and goal that is set for the student.)

2. SUMMER FUNDING REQUESTS : Participation in *other* programs:

For Math Majors who are requesting funding to attend a summer REU that is being held elsewhere, you will need to submit the following:

- a description of the REU program,
- an outline of the proposed activity, and
- a summary of the funds you are requesting.
- Financial information on each REU should also be included in the description of the program.

Interested in applying?

- Math majors (i.e., students who will be either a junior or senior at Princeton University in the fall 2014 and have declared their major as mathematics) who wish to participate in our summer program or are requesting departmental funding to participate in a summer math program outside of Princeton should submit an outline of the proposed activities for Summer 2014 to Scott Kenney. (All applications should be left with Gale Sandor, our office coordinator located in the third floor reception area. Envelopes should be addressed to Scott Kenney.) All proposals will be reviewed by the Chair.
- For those students applying to our summer program, proposals should explicitly indicate the general topics to be pursued and the periods of time that the student expects to be in Princeton during the summer.
- All applications must be accompanied by a note of approval and support from the faculty member who has agreed to be the student's adviser.
- **Deadline for applications: Monday, March 3, 2014**
- Students will be notified by Tuesday, April 1st, if they have been accepted into our summer research program or if funding will be available for your participation in an outside summer program.

HOUSING: Those students who are accepted in our summer program will be responsible for making their own housing and living arrangements for the period of the summer program. The Undergraduate Housing Office has advised us that the summer room draw guide for this summer (which will contain all relevant information and the necessary forms for applying for on-campus summer housing) will not be available until later in February.

To find out when the summer room draw guide will be available, please go to the website at <http://hres.princeton.edu/undergraduates>.

IF ACCEPTED: Participating students will be required to submit a short paper summarizing their summer research activities at the end of the program. This must be e-mailed to Scott Kenney, Special Projects Manager (e-mail: skenney@math.princeton.edu) by Monday, September 15, 2014. (This may be a paper to be submitted for publication; alternatively, it could also be a detailed summary of the student's accomplishments during the course of the program.)

Copies: Professor David Gabai, Chair
 Professor János Kollár, Departmental Representative
 Professor John Mather, Senior Advisor
 Professor Tasho Kaletha, Junior Advisor
 Kathleen Applegate, Department Manager
 Alberta Molnar, Business & Grants Manager
 LeeAnn Coleman, Undergraduate Administrator
 Gale Sandor, Office Coordinator