

THE UNIVERSITY OF CHICAGO MATHEMATICS REU

This is a call for applicants to the University of Chicago Mathematics summer REU. Our REU has been in operation since 2000, but before 2015 it was limited to University of Chicago participants. It is considerably larger than others, with around 100 participants the last few summers. Using NSF RTG funding, we opened it to the wider community starting in 2015, but we do not have renewed funding and will run on a shoestring in 2020. Acceptance will be on a need blind basis.

The REU is run by University of Chicago faculty members and graduate students and is focused on exposing participants to a broad swathe of mathematics at the highest level. It is likely that there will be some participation by Peking University faculty in 2020. The REU is not focused on original undergraduate research per se, but all participants must write a paper on a topic of their choice; the papers are usually expository but often are original research. Participants are closely mentored, primarily by graduate students.

Chicago's REU has served as a springboard for current graduate students at nearly all of the top departments of mathematics in the United States. We are now using the resources of Chicago's research community to reach out to a few ambitious undergraduates with talent and a love of mathematics, especially those without current direct access to such a research community.

In 2020, as in the previous three years, we are using the AMS application service.

<https://www.mathprograms.org/db>

Required information includes:

Whatever the AMS website prescribes, including a CV;

Research Statement (This should be a statement of purpose along with some description of your mathematics background);

Transcript;

At least two reference letters

In view of the number of participants and the lack of further outside funding, the level of individual support must be lower than at other REUs. Non-U.S. citizens are welcome to apply, although financial support cannot be offered at this time.

Address all inquiries to
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