The Young Scholars Program (YSP) summer math camp for mathematically talented Chicago area students who have just completed grades 8 and 9 will take place at the University of Chicago from July 6 through July 31, 2020. The program began in the summer of 1988 under Paul J. Sally Jr. and Diane Herrmann in order to further Paul’s vision of teaching young talented students some “real” mathematics, and it continues to honor that vision and serves a diverse group of students.

The aim of the program is to strengthen the participants’ mathematical powers through a deep experience in mathematical thought and effort. Our intention is to broaden and enrich the students’ understanding of mathematics rather than to accelerate them through the standard high school curriculum.

The first day of the program will be Monday, July 6, during which students will take a diagnostic exam. Students must be able to attend all four weeks of the program. The program will meet Monday through Friday from 9:30 A.M. to 2:30 P.M. (except on Fridays when the program will end at 12:00 noon).

The mathematical content of the program for Summer 2020 will be topics in number theory. Mornings are lecture-based classes. Afterward, the students divide into small groups, with each group conducted by a seminar leader who will discuss homework problems and the ideas underlying the day's lectures. Students have an hour break for lunch. We will have counselors supervising the students during the break. Parents/Guardians are responsible for all meals, transportation, and lodging. Students are also encouraged to bring water bottles and snacks.

YSP is generously supported from various sources, but these do not cover the full cost of the program. We have instituted a tiered participation fee based on household income. Please note that ability to pay does not affect the application process in any way. Financial assistance is available to qualifying students. The participation fees are as follows:

<table>
<thead>
<tr>
<th>Household Income</th>
<th>Participation Fee</th>
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</thead>
<tbody>
<tr>
<td>&gt; $150,000/year</td>
<td>$1,000</td>
</tr>
<tr>
<td>$75,000-$150,000/year</td>
<td>$600</td>
</tr>
<tr>
<td>&lt;$75,000/year</td>
<td>$250 (Scholarships are available)</td>
</tr>
</tbody>
</table>

We cannot provide assistance with lodging, transportation, and meals. Space in the program is extremely limited. Because of the highly competitive nature of the program, if you are offered admission into the program and accept, then you must be able attend all meetings for all four weeks. If there is any reason for a possible absence, we must be informed upon acceptance of admission.

QUESTIONS? Email: ysp@math.uchicago.edu Phone: (773) 702-7389

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UNIVERSITY OF CHICAGO · YOUNG SCHOLARS PROGRAM
Summer 2020: July 6 – July 31
9th and 10th Grade Component - Application Form

Name _________________________________ Male/F emale_______ Birth Date ____/____/________
(Last, First, Middle) (MM/DD/YYYY)
Permanent Address: ____________________________________________________________________
City: __________________________________________  State: ____________  ZIP: _______________
Email: __________________________________        Grade completed by June 2020: _______________

Parent(s) or Guardian NAME: ___________________________________________________________
Parent(s) or Guardian EMAIL: ___________________________________________________________
Parent(s) or Guardian PHONE NUMBER: (________)________________________________________

Name of Math Teacher: _________________________________________________________________
Current Mathematics Course: _____________________________________________________________
School’s Name: ________________________________________________________________________
School’s Address: ______________________________________________________________________
Have you been in YSP or Math Circles of Chicago before? If so, when? ____________________________

Check List for Applicants
______ Completed and signed student application form
______ Student’s short essay
______ Completed teacher questionnaire
______ Teacher recommendation letter
______ Transcript or grade report

Student's Short Essay On a separate sheet of paper, write us a short essay about your interest in mathematics.

Teacher Recommendation Please have your current mathematics teacher send us a letter of recommendation ACCOMPANIED with the completed Teacher Questionnaire. The letter and questionnaire must be submitted in a sealed envelope. Emailed versions are accepted if they are sent directly from the teacher’s email account.

Send all materials to:

Young Scholars Program
Department of Mathematics, University of Chicago
Eckhart Hall 214
5734 South University Avenue
Chicago, IL 60637

or to: ysp@math.uchicago.edu

Applications should be emailed/faxed/mailed by Friday, March 27th. Late applications may not be considered. We will NOT notify applicants as to their admission status over the phone. Instead, we will send a letter and email.

I, the Parent/Guardian, understand that if admission into the program is offered, the student will attend all meetings for the four weeks of the program. Students who fail to attend all meetings will not be considered for admission to future programs. I am also responsible for my child’s meals, transportation, and lodging.

Signature of parent or guardian __________________________________________  Date ____________