The Young Scholars Program (YSP) summer math camp for mathematically talented Chicago area students who have just completed grades 6 and 7 will take place at the University of Chicago from July 5 through July 29, 2022. 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 mathematical theme for this summer’s program is number theory. 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 Tuesday, July 5, during which students will take a diagnostic exam. Students must be able to attend all four weeks of the program. The Summer 2022 Young Scholars Program will take place 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. During a day's session (non-Friday), a 7-8 component young scholar's day is broken into four 75-minute components: one lecture-based classes led by a faculty member, one break-out problem session in small groups led by undergraduate math majors, one lunch/recess period, and another faculty led class.

YSP is back to being run in-person in Summer 2022! Thus, it is open to students in Chicago, the surrounding suburbs, and Northwest Indiana because students need to get to our Hyde Park campus on a daily basis. Applicants outside this area are welcome to apply, however, parents or guardians are responsible for all lodging, transportation to and from campus, and meals. Students are also encouraged to bring water bottles and snacks with them each day. The University of Chicago does not provide housing for YSP participants.

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>
</tr>
</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>

Space in the program is 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.

Application deadline: Friday, June 17

QUESTIONS? Email: ysp@math.uchicago.edu

Professor John Boller
Director of the Young Scholars Program
boller@math.uchicago.edu

Julienne Au
Co-Director of the Young Scholars Program
jau@cps.edu
Name _________________________________ Birth Date ____/____/________
(Last, First, Middle) (MM/DD/YYYY)

Permanent Address: __________________________________________________________
City: ___________________________ State: ___________ ZIP: ___________
Email: ___________________________ Grade completed by June 2022: ______________
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.

We encourage the electronic submission (ysp@math.uchicago.edu) of all application materials, but if necessary, please send paper copies to:

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

Applications should be emailed/mailed by Friday, June 17th. We will NOT notify applicants as to their admission status over the phone. Instead, we will send a letter and/or 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 ____________