The Young Scholars Program for mathematically talented students who have just completed grades 8 and 9 will take place at the University of Chicago from June 30th to July 25th, 2014. This program was founded in the summer of 1988 by the University of Chicago mathematicians Paul J. Sally, Jr. and Diane Herrmann. The program is free to all students; funds for YSP are provided by the Materials Research Science and Engineering Center at the University of Chicago, the National Science Foundation, the Office of Academic Enhancement of the Chicago Public Schools, the Educational Advancement Foundation, the Epsilon Fund of the American Mathematical Society, and the Mathematics Department of the University of Chicago.

The mathematical theme of the program for Summer 2014 will be topics in number theory. The program for ninth and tenth graders will consist of two courses: a course in number theory and cryptography and a course in advanced problem solving, covering ideas in algebra, geometry, number theory, and combinatorics.

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, June 30th, 2014. There will be no class on Friday, July 4th. Students must be able to attend all four weeks of the program.

The program will take place Monday through Friday from 9:30AM to 2:30PM (except on Fridays when the program will end at 12:00 noon). Each morning, the students will be divided into small groups, with each group led by a seminar leader who will discuss problem sets and the ideas underlying the lectures, before attending the number theory course. Students will be given an hour break during the day for lunch, which will be provided on campus for all participants. The advanced problem solving course will take place in the afternoon.

We will be unable to provide assistance with housing or transportation. 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, you must attend all meetings for the four weeks of the program. If there is any reason for a possible absence, we must be informed of such anticipated absences with the acceptance of admission. Students who accept admission and do not attend every session will not be considered for future programs.

FOR MORE INFORMATION AND APPLICATION FORMS, WRITE OR CALL:

Young Scholars Program e-mail: ysp@math.uchicago.edu
Young Scholars Program phone number: (773) 702-7389

Professor Robert Fefferman
Director of the Young Scholars Program
circular: rfefferm@uchicago.edu

Ms. Julienne Au
Co-Director of the Young Scholars Program
circular: jau@uchicago.edu
The University of Chicago Young Scholars Program
For Mathematically Talented Youth
Summer 2014: June 30 – July 25, 2014
9th and 10th Grade Component

Application Form: (Please PRINT or TYPE)

Name ________________________________ Male____ Female____ Birth Date ______/______/______
(Last, First Middle) (MM/DD/YY)

Permanen Address: ____________________________________________________________________
City: _____________________________________  State: ________  ZIP: ____________

Telephone (________)__________________________ Grade completed by June 2014: _____________

Email: _______________________________________________________________________________

Name of Parent(s) or Guardian: ___________________________________________________________

Name of Math Teacher: _________________________________________________________________

Current Mathematics Course:_____________________________________________________________

School’s Name: _______________________________________________________________________

School’s Address: _____________________________________________________________________

Have you been in YSP before? If so, when? _______________________________________________

Check List for Applicants:

______ Completed and signed application form

______ Teacher recommendation

______ Short essay

______ High school transcript (required for 9th graders) OR
A copy of your most recent standardized test scores (required for 8th graders)

Teacher Recommendation: Please have your mathematics teacher send us a letter of recommendation and fill out the attached form. The letter of recommendation must be sent to us in a signed and sealed envelope.

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

High School Transcript: An official transcript from your high school must be sent to us.

Standardized Test Scores: We accept any standardized test, such as the ISAT, MAP, or NWEA, from your most recent school year. In the event that you do not have access to any standardized score, this is not a requirement. However, it is highly recommended to include standardized test scores.

Send this completed and signed form, along with the accompanying materials, to:

Young Scholars Program
Department of Mathematics (208C), University of Chicago
5734 South University Avenue
Chicago, IL 60637

Applications must be received by May 16, 2014. Late applications may not be considered. All applicants will be notified by mail in early June. We will not notify applicants as to their admission status over the phone.

Applications without an essay or teacher recommendations will NOT be processed.

I understand that if admission into the program is offered and accept, the student must attend all meetings for the four weeks of the program. Students who fail to attend all meetings will not be considered for admissions to future programs.

Signature of parent or guardian _________________________ Date __________