



**JUNIOR SCIENCE AND
HUMANITIES SYMPOSIUM
CHICAGO REGION**

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Dear Colleague:

It is with great enthusiasm that we invite your students to participate in the 43rd annual Chicago Region *Junior Science and Humanities Symposium* (JSHS). This event is sponsored by the U.S. Army/Navy/Air Force and Loyola University Chicago to promote research and experimentation in the sciences, mathematics, engineering and technology (STEM) at the high school level.

Ten selected students who submit research projects will present their research in a 12 minute talk or poster presentation and ten selected students will present their research in poster presentations on **Saturday, March 10, 2018**. The top three oral presenters (1st, 2nd, and 3rd, places) and the top two poster presenters (4th and 5th places) selected by a panel of judges will receive an all-expense paid trip to the National JSHS meeting in Hunt Valley, Maryland on May 02-05, 2018. The top two student presenters at the Chicago regional competition will compete at the National meeting in the oral presentations division. The third, fourth, and fifth place winners in the regional competition will be eligible to present his/her work in a poster session at the national symposium. In addition, the regional winner will receive a \$2,000 scholarship award to the college or university of his/her choice. The second place finisher at the regional will receive a \$1500 scholarship and the third place finisher will receive a \$1000 scholarship. Fourth and fifth place regional winners do not receive a cash scholarship, but are fully eligible for scholarship awards offered at the National symposium as part of the poster competition. At the national competition the eight first place presenters in their respective sections will receive an additional \$12,000 scholarship, second place finishers will receive an additional \$8,000 and third place finishers an additional \$4,000. Poster competition winners at the National symposium also receive cash awards. In the last ten years the Chicago Region has produced three third place winners at Nationals, four second place winners, most recently, Pranav Sivakumar (2016) and four first place winners, including Debarshi Mustafi of Kenwood Academy (2002), Seth Flaxman of Evanston Township (2004) and Marissa Suchyta of University of Chicago Laboratory Schools (2010). Chicago area high school student-scientists have represented the region quite well.

New to the regional competition is a poster competition. Six research projects selected from submitted papers will be invited to the regional symposium to present their work in a poster session that is part of the full symposium day.

We also ask you to encourage students who are not ready to give a presentation to take part in the Symposium. You and your students will have an opportunity to meet peers, to discuss careers in science with active research scientists, and take part in a "real-life" scientific meeting.

The deadline to submit papers is February 02, 2018. If not selected to present, students' papers will be returned with feedback and constructive comments from the reviewer. We especially encourage these students to attend the Symposium so they may discuss with peers and professors the weaknesses and problems of their research, to aid them as developing scientists and to help them pursue research suitable for competition.

If you have any questions, need mentoring assistance for your project, or would like additional information about the Chicago Region JSHS please feel free to call me or email me. Other information can also be found on our website: <https://www.luc.edu/chemistry/events/chicagojshs/> as well as on the National JSHS website: or you can check out our website: <https://www.jshs.org/>

Please pass this document on to other interested teachers in the sciences and humanities. You have the only copy sent to your school.

Sincerely,



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IF YOU HAVE STUDENTS WHO ARE INTERESTED IN SCIENCE, THE *JUNIOR SCIENCE AND HUMANITIES SYMPOSIUM* IS A GREAT WAY TO ENCOURAGE AND SUPPORT THEM.