



NASA All-Stars Multiwavelength Astronomy Program

Thank you for your interest in our program! We are recruiting 20 Chicago Public Schools earth/space, astronomy, and physics teachers to participate in a peer-led professional development workshop on **Multiwavelength Astronomy** to be held at **The University of Chicago** on weekdays from **July 15-31, 10:00 a.m.-3:45 p.m.**

The purpose of this program is to introduce teachers to a suite of resources on the science, history, tools, and impact of astronomy across the spectrum (from gamma ray to optical); and to support them as they develop an implementation plan for using one or more lessons in their classroom. The workshop will provide peer-led, in-depth content learning, in addition to skill development for using NASA mission data with students.

At the end of the workshop, each teacher will present their lesson/implementation plan to the participants. Five of these plans will be selected to be produced as professional development videos that will be available in Safari/Montage.

Teachers who attend the workshop should select two of their current students to join them. Students will participate on all days of the workshop, but will join the teacher group mid-day. Information for students is appended at the end of this application form.

Upon completion of the workshop, you will receive a \$500 stipend and an iPad mini.

APPLICATION PROCEDURE

HOW TO APPLY

Please complete sections the following form and return electronically to julia@uchicago.edu, or by mail to:

Julia Brazas
The University of Chicago
Astronomy & Astrophysics Center
5640 S. Ellis Ave.
Chicago, IL 60637

APPLICATIONS ARE DUE BY MAY 31, 2013. Notifications will be made on June 7, 2013.



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I. Personal Information and Educational Background (please print clearly or type):

Name _____
First M.I. Last

Home Address _____
Street City Zip Code

Phone (home/cell) _____ Email _____

School _____ Grade Level _____

School Address _____ School Phone _____

Board Certification (circle) Yes / No _____ Program Name _____

Year Certification Completed _____ Years of Teaching Experience _____

Highest Degree Held _____ Teaching Credential _____
(Specify major) (specify type, subject)

Subject(s) taught (please list all that apply) _____

Are you interested in receiving CPDU/Lane credit for your participation? YES / NO



II. Personal Statement:

In an informal and brief statement, please tell us about your personal and educational background and teaching experience, *and describe one of the following strategies that you actually use and find successful: 1) engaging students in scientific inquiry, 2) inspiring students to consider careers in science, 3) motivating your peers to invigorate their practice, or 4) using technology for science teaching.* **Please use the space below for your response.**

Additional questions? Please contact Julia Brazas, julia@uchicago.edu, 773-702-1683.



NASA All-Stars Multiwavelength Astronomy Program Student Participants

Teachers who wish to participate in the workshop should select two students (rising juniors or rising seniors) to join you. Students will participate from 12:30-3:45 p.m. each day, with the exception of the final three days (July 29-31), when presentations will be given. On these dates, we would like students to attend for the full day (10:00 a.m.-3:45 p.m.).

Students will receive CTA transit passes at an orientation session (to be scheduled in advance of our first workshop day); in addition, upon completion of the workshop, students will receive a family membership to the Adler Planetarium and an iPad mini. The iPad mini will be used in the workshop but will remain onsite until the end of the program.

A letter for parents will be made available for you to share details about the program. Parents will also be invited to the orientation session.

Please contact Julia Brazas, julia@uchicago.edu, 773-702-1683, for additional information or in case of questions.