



## **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](mailto: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.**



## NASA All-Stars Multiwavelength Astronomy Program

### 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](mailto: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](mailto:julia@uchicago.edu), 773-702-1683, for additional information or in case of questions.