

From: Michael Jones <mdj@phys.hawaii.edu>
Subject: Summer Programs: 2009 HI STAR and 2009 ALI'I at UH Manoa (fwd)
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Date: Tue, 3 Mar 2009 18:33:55 -1000
From: kadooka <kadooka@IfA.Hawaii.Edu>
To: MJones <mdj@phys.hawaii.edu>
Subject: Summer Programs: 2009 HI STAR and 2009 ALI'I at UH Manoa

Please send to all on the AAPT list. Thanks!

Website for both programs: www.ifa.hawaii.edu/UHNAI/epo.htm

HI STAR (Hawaii Student/Teacher Astronomy Research), June 12-18, 2009

Are you passionate about astronomy? Would you like to work with an astronomer to do research? If so, this one week residential summer astronomy boot camp is designed for you. Grade 7-11 students and their teachers can apply. HI STAR develops astronomy research skills and provides background for conducting original research projects. Besides physics and astronomy lectures, participants will work in a computer lab to do image processing, use software to measure position and brightness of objects and do remote observing with 2 meter Faulkes Telescope on Haleakala, Maui and 16 inch DeKalb Observatory Telescope in Auburn, Indiana. You would work with astronomer mentors on comets and asteroids, galaxies, stars and protostars, or extrasolar planet group projects, depending upon your interest. You must have a commitment to continue working on an astronomy project with your mentors. Registration fee is \$100. \$300 room and board costs are subsidized for Hawaii students, except those returning for this program and continental US students. Airfare is funded for outer island students and teachers. Continental US students and teachers are invited to apply for this program and attend at their own expense

(Deadline for application online: March 31, 2009.)

ALI'I National Summer Teacher Workshop (July 6-11, 2009)
Investigating Astrobiology Research Topics through Scientific Inquiry
Astrobiology is an integrative science with the theme of searching for the signatures of life in the universe. Investigations are done comparing the geology of rocks and minerals on our Earth with other planets, the astronomy of small solar bodies such as comets and meteorites delivering water and hydrocarbons to our world, and the quest for extra solar planets orbiting other stars being terrestrial. This workshop designed for secondary science teachers will emphasize professional development with the use of learning cycles for concept development, lectures and activities led by scientists and state-of-the-art lab tours. Registration fee is \$50. Because of a tuition waiver, 2 University of Hawaii graduate education credits will be offered for only an administrative fee of \$110. A limited number of teachers from continental US will receive a subsidy of \$750 for room and board to defray expenses. Accepted Hawaii teachers will be fully subsidized.

(Deadline for online application: March 27 , 2009.)

Schedules and evaluations from past summers can be reviewed at the website.

Thanks for considering these programs.

Mary

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