

NATIONAL ASTRONOMY & IONOSPHERE CENTER/ARECIBO OBSERVATORY
Summer Student Program

Dear Applicant:

We generally look for students who are majoring in astronomy or physics, with good math and computing background. The reviewer does not just look at grades, but also at students' enthusiasm, initiative, and future goals. If you are able to get involved in any research projects at school, please do so – this could be a beneficial part of your application.

The most useful computer languages/packages seem to be: Mathematica, Fortran, C, C++, AIPS, IRAF, CLASS, Unipops, IDL, Matlab. It all depends on the projects. Usually, if the student has some experience with computer languages, he/she can learn whatever is necessary for a new language.

Please complete the attached application and return it to the address below, along with your letter of interest, official transcripts and 3 letters of reference from academic staff from current or past schools. Obtaining transcripts can take some time, so please put in your request early. It's not necessary for you to send all the materials in one package – transcripts and reference letters can be sent separately as they become available.

DEADLINE: Your application form and letter of interest have to be in my office by **February 6** in order to be considered. If you become pressed for time, you may send it to me by fax (607-255-8803) or by email (jtm14@cornell.edu), but the original must follow by mail.

First offers will be made by March 1 via email. Alternates will be held until all positions are filled.

If you have any questions, just let me know.

Jill Tarbell
NAIC, 504 Space Sciences Bldg
Cornell University
Ithaca, NY 14853-6801
Tel: 607-255-3735
Fax: 607-255-8803
jtm14@cornell.edu

APPLICATION RECEIPT DEADLINE: FEBRUARY 6, 2008

1. Name: _____ US Citizenship / Permanent Residency / Other _____
2. Campus Address: _____ Email: _____
 _____ Telephone: _____
3. Permanent Home Address: _____
 _____ Telephone: _____
4. **Official Transcripts:** Please list universities attended and provide original official transcripts from each. Also provide a list of courses currently enrolled in. Please circle current academic level: 1st yr. / 2nd yr. / 3rd / 4th yr. Undergraduate // 1st yr. / 2nd yr. Graduate

University	Major(s)	Dates Attended	Degree and Date Received or Expected

5. Dates available for program: _____
6. **Academic References:** Please ask 3 individuals (listing them below) to provide a letter evaluating your ability, experience and potential.

Name & Title	Institution	Telephone & Email Address

7. Areas of Interest (**number in order of preference**):
- ___ Radio Astronomy ___ Solar System Radar ___ Atmospheric Sciences ___ Computing ___ Electronics

8. Programming Experience (although not necessary for some assignments):

Machine/Language	Months of Experience	Brief Description of Project

9. Scientific or Related Employment (including assistantships since graduating from high school):

Dates of Employment	Employer's Name & Address	Job Title	Brief Description of Major Duties

10. Publications and Honors: _____

11: **Letter of Interest:** An important part of this application is a letter describing your educational background and goals, and your scientific interests and experience. Please include any information relevant to the evaluation of your potential for success as a research assistant in the NAIC Summer Student Program.

12. How did you learn about our program? _____

13. I hereby authorize investigation of all statements contained in this application, and I release from all liability or responsibility all persons, corporations, or other organizations furnishing supplemental information to that provided above. If accepted into this program, I agree to abide by all rules and regulations that are in effect or may be established in the future, and I understand that I might be required to sign a patent agreement.

Signature: _____ Date: _____

*In accordance with the **Family Education Rights and Privacy Act of 1974**, you may waive your right to inspect the letters provided by your References listed above by checking the box below. Should you decide not to waive your right, you will have access to the letters if you are chosen as a participant in the NAIC Summer Student Program.*

"I hereby waive my right to access of my reference letters."