

To: College Undergraduates

**From: Joan Conway, Special Projects Coordinator
Appalachia IU 8, Altoona Exec. Office**

Date: February 1, 2006

Dear Students:

The Appalachia Intermediate Unit conducts a summer school experience entitled the: Advanced Training for Outstanding Mathematics and Science (ATOMS) Scholars Program. This program enables us to offer high-level, hands-on classes in Zoology, Botany, Astronomy, Environmental Ed., Forestry, Statistics, Physics, Chemistry, Mathematics, and Computer for students in grades 2 through 8. The students attending these classes are selected for the program, based on their high academic performance, intense interest in science and/or mathematics and teacher recommendation.

We are in need of **Lab Assistants** who are willing to provide support for the instructors in these classes as well as periodically teach a portion of a class. A keen interest and optimism for Math, Science, and/or Computer Science is necessary for assisting with these classes. All assistants hired will be expected to possess a desire to work with children and show a willingness to be actively involved in the teaching and learning process. You might want to check with the Service Learning Department to see if participation in this program applies toward your requirements.

There are thirteen ATOMS sites being offered during this summer and 2 types of programs scheduled: ATOMS Mini programs which last three full days or four mornings and ATOMS Basic programs which run five full days. Approximately three to five Lab Assistants will be needed in each location. Applicants are encouraged to assist in more than one location. Directions to each site are listed on the back of the attached duties sheet. It is not necessary for you to provide your own transportation most sites. Carpooling is available. The sites, dates, and times for this year's program are as follows:

2006 ATOMS Programs:

| Site and Location | Dates of operation | Time of operation |
|--|---------------------------|--------------------------|
| Mini Programs: | | |
| Northern Cambria H.S. (Barnesboro, PA) | June 7, 8, 9 | 8:45 AM – 2:30 PM |
| Rockwood High School (Rockwood, PA) | June 13, 14, 15 | 8:45 AM – 2:30 PM |
| Blacklick Valley H.S. (Nanty Glo, PA) | June 20 – 23 | 8:45 AM – 12:40 PM |
| Penn Cambria Middle School (Gallitzin, PA) | June 27 - 30 | 8:45 AM – 12:40 PM |
| Northern Bedford High School (Loysburg, PA) | July 11 – 14 | 8:45 AM – 12:40 PM |
| Spring Cove (Central) H.S. (Martinsburg, PA) | July 18, 19, 20 | 8:45 AM – 2:30 PM |
| Shade/Central City Elem. School (Cairnbrook, PA) | July 25, 26, 27 | 8:45 AM – 2:30 PM |
| Tyrone Area High School (Tyrone, PA) | July 31 – August 3 | 8:45 AM – 12:40 PM |
| Basic Programs: | | |
| Hollidaysburg Area H. S. (Hollidaysburg, PA) | June 19 - 23 | 8:20 AM – 3:00 PM |
| Bedford Area Middle School (Bedford, PA) | June 26 – 30 | 8:20 AM – 3:00 PM |
| Berlin Brothersvalley Middle School (Berlin, PA) | July 10 – 14 | 8:20 AM – 3:00 PM |
| Westmont Hilltop High School (Johnstown, PA) | July 17 - 21 | 8:20 AM – 3:00 PM |
| Conemaugh Township Jr/Sr H.S. (Davidsville, PA) | July 24 – 28 | 8:20 AM – 3:00 PM |

Lab assistants will be paid a stipend of \$150 for participation in an ATOMS Basic program and \$100 for participating in a Mini program. Checks will be mailed after the completion of the program(s) you are scheduled to assist. Because assistants will be working with children in a school setting, all Lab Assistants are required to provide copies of their last physical and TB test (within one year) as well as current Act 34 and Act 151 Criminal Clearances from the state. Applicants, selected for participation in the program, who do not have current clearances can obtain the forms from Appalachia IU8. The clearances will be paid by Appalachia IU 8. Participation in this program provides ideal work experience for aspiring teachers and will be a great asset when included on a teaching application or resume.

Applications are available on-line at www.iu08.org then click on the link for Curriculum or contact Joan Conway, at the IU8 Executive Offices in Altoona (814) 940-0223 ext. 393, e-mail jconway@iu08.org.

All interested applicants should complete and return an application no later than Friday, April 7, 2006.

2006 ATOMS Teaching Assistant Application

Date of Application: _____ College/Univ. you attend: _____

Applicant's Name: _____

Social Security Number: _____

School Address: _____
(If living away from home) _____ Zip Code: _____

School Phone: () _____ Home Phone: () _____ e-mail: _____

Home Address: _____
_____ Zip Code: _____

What adult size T-Shirt would you want to wear? (Circle One) Small Medium Large X-Lg. XX-Lg.

Which sites would you like to be assigned to: (Circle all that you are available to work.)

Note: Lab Assistants can car pool with the teachers to ATOMS sites out of their home town area.

ATOMS Sites weekly breakdown:

| Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 |
|---------------------|----------|--------------------|-----------------|---------------------|----------------|-----------------------|--------|
| Northern Cambria | Rockwood | Hollidays- burg | Bedford | Berlin | Westmont | Conemaugh Township | Tyrone |
| | | Blacklick | Penn Cambria | Northern Bedford | Spring Cove | Shade | |

Status as of May, 2006 (Please circle one): Freshman Sophomore Junior Senior

Semester (Please Circle one): First Second

Major: _____ Minor or Area of Emphasis: _____

Overall G.P.A.: _____ G.P.A. in Major: _____

Note: If you served as a lab assistant last year & your information is the same, you can stop here. If not, please continue.

Are there any Science/Math subjects do you have a particular interest in (Biology, Chemistry, Computers, Mathematics, Engineering, Geometry, Astronomy, etc.)? List on order of preference.

What Math, Science, & Computer classes have you successfully finished in High School and college?

List any extracurricular, community, and personal projects that you have been involved in relating to Computer Science, Mathematics, and/or Science. (Use back of paper if necessary.)

List any awards or honors you have received in Academics, Math or Science. (Use back if necessary.)

Reference: Name: _____ Position: _____

Address: _____ City & Zip: _____

Office Phone: () _____ Home Phone: () _____

Return this form by Friday, April 7, 2006 to:

Appalachia IU8, Attn: Joan Conway
4500 Sixth Avenue
Altoona, PA 16602
Fax: 814-949-0984