

# ALCOSAN Summer Science Camp



**Position:** Summer Science Intern  
**Salary:** Up to **\$1,875** (\$ 10.00/hr)  
**Hours:** 8:30 a.m. – 4:00 p.m. (Mon – Fri)

**Staff Training:** *June 11, 2012 – June 15, 2012 (Mandatory)*

**Sessions:** *Session #1 June 18 – June 22, 2012*

*Session #2 June 25 – June 29, 2012*

*Session #3 July 16 – July 20, 2012*

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## **Program Description:**

The Allegheny County Sanitary Authority (ALCOSAN) will host its annual Summer Science Camps for students in grades 4-8. The program strives to draw connections between the importance of wastewater treatment, current environmental issues, and technological advances in society. A core focus of the camp is to facilitate positive learning experiences that enable students to better understand their surroundings and to make connections to the environment. Additionally, students will identify consequences related to non-treatment of wastewater and its impact on local and regional waterways.

- **Enrollment will be open to 30 students for each session of camp.**

*\*Students are selected to participate by their teachers, school administrators, and parents\**

## **Requirements for Summer Science Interns:**

1. Must possess PA Act 33, 34, & 114 clearances
2. Full or part-time student seeking a minimum of a bachelor's degree in the field of education, or K-12 teaching certification. Also students pursuing degrees in engineering, biology, earth science and technology fields.
3. Must be familiar with PA Department of Education's academic standards for:  
  
Environment & Ecology  
Science and Technology and Engineering Education

4. Ability to explain and demonstrate tasks clearly with specific expectations for outcomes.
5. Experience designing lesson plans, or writing curriculum linked to academic standards.
6. Experience with developing formative, diagnostic and summative assessment tools.
7. Desire to work with middle school population (ages 9-14).
8. Must have reliable transportation.
9. Must have the ability to manage a middle school classroom, and not be offended by typical adolescent behavior.
10. Must have the ability to redirect negative behavior, while maintaining an appropriate relationship with students.

***Physical Requirements:***

11. Must be able to stand and walk for a minimum of 1.5 hours at various intervals.
12. Must be able to lift 5-10 lbs. without assistance.

**Description of Duties for Summer Science Interns:**

1. Assist with **all** aspects of Summer Science Camp including, but not limited to, serving snacks and lunch, coordinating student bathroom breaks, and hands-on activities involving outdoor work with an environmental focus.
2. Provide assistance with development of program content, and modify existing activities and instructional materials for Summer Science Camp as needed.
3. Appropriately redirect negative behavior as needed without prompting.
4. Assist students with individual tasks, as well as provide hands-on assistance with group activities.
5. Understand program goals and objectives for appropriate implementation of activities and adequately respond to students' questions.
6. Act as a resource for students' preparation of portfolios and culminating projects.
7. Other duties as needed.