

APPLICATION FORM

(Return this form to your school office no later than Friday, May 11, 2007)



HIGH SCHOOL: _____

NAME: _____

CHECK ONE (CURRENTLY): SOPHOMORE JUNIOR

HOME ADDRESS: _____

CITY, STATE, ZIP CODE: _____

HOME PHONE NUMBER: _____

1) Why would you like to attend the Regional Summer School of Excellence?

2) How will you use the skills and knowledge you gain from your experiences at the Regional Summer School of Excellence?

3) Why should the committee choose you to attend the Regional Summer School of Excellence?

4) Are you willing to share your experiences at the Regional Summer School of Excellence with teachers and other students in your high school next fall?

YES NO

5) I will be able to attend all ten (10) days of the Regional Summer School of Excellence, July 9-13 & 16-20, 2007 and will be able to find my own transportation to Gannon University and home each day.

YES NO

REGIONAL SUMMER SCHOOL OF EXCELLENCE

Gannon University
July 9-13 & 16-20, 2007

Sponsored by

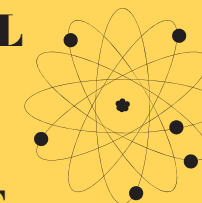
- Gannon University
- The Northwest Tri-County Intermediate Unit
- The Pennsylvania Governor's Schools of Excellence

It is the policy of the Northwest Tri-County Intermediate Unit not to discriminate on the basis of age, religion, sex, race, color, national origin, ancestry, disability, or non-job related disability in the admission or access to, or in the provision of services, programs, or employment in compliance with Title VI, Title IX, Section 504 of the Rehabilitation Act of 1973 as amended, the Americans With Disabilities Act of 1990, and the Pennsylvania Human Relations Act. For information relevant to this policy, contact Dr. Dennis Valone, 504 Coordinator and ADA Coordinator, or Dr. Marjorie A. Wallace, Title IX Coordinator, 252 Waterford Street, Edinboro, PA 16412; Phone (814) 734-5610, or TDD (814) 734-1098.

R E G I O N A L



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E X C E L L E N C E

Gannon University
July 9-13 & 16-20, 2007

Investigating & Researching Environmental Health Problems

- *Two weeks of intensive laboratory and field site study in the life sciences*
- *For outstanding sophomore and junior science students in Crawford, Erie, and Warren Counties*

PROGRAM DETAILS

9:00 AM - 4:00 PM
July 9-13 & 16-20, 2007

Zurn Science Center
GANNON UNIVERSITY

No cost, lunches provided.

Students must find daily transportation to and from Gannon University.



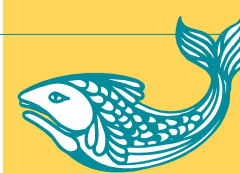
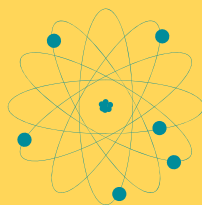
Stanley Zagorski,
*Former Dean of the College of
Science and Engineering*

Dr. Gregory Andraso,
Associate Professor of Biology

Dr. Michael Bucholtz,
Chemistry Professor

OBJECTIVES

1. To provide these students with an opportunity to work collaboratively with their like-minded peers
2. To help these students prepare for their upcoming college/university experience
3. To provide these talented students with the challenge that a variety of sciences has to offer, the stimulation of doing field research on environmental problems, and the excitement of helping to understand and solve those problems through evaluation, synthesis, and creativity
4. To conduct the program in such a manner that the students become more familiar with the applications of the life sciences in the fields of medicine, public health, epidemiology, toxicology, environmental health, zoology, ecology, limnology, histology, analytical chemistry, biochemistry, microbiology, physics, and embryology
5. To introduce to students standard methods used in researching environmental health problems
6. To make the students aware that man's greatest tool is his mind and how this tool can be used in finding new ways to cure diseases that have plagued human beings for generations
7. To help the students relate technology, engineering, chemistry, and biological science and how each plays a vital role in understanding environmental issues
8. To introduce students to current ideas, methods, and techniques of studying environmental science (e.g., ecological sampling techniques, water chemistry, lake pollution and population dynamics, air pollution, acid rains, and eutrophication) in a modern laboratory setting with current equipment
9. To acquaint students with career opportunities in the fields of chemistry, engineering, biological sciences, mathematics, medicine, toxicology, and public health
10. To introduce students to "college type" laboratory and research projects which will enable them to understand more fully and appreciate the continuing rapid development of the sciences



APPLICATION PROCESS

- 1) Complete the application form in this brochure and return it to your high school office by May 11, 2007.
- 2) A committee consisting of your principal, guidance counselor, and several teachers will select participants from your school based on a ranking of the items on the application form. This committee will inform you if you are a participant, alternate, or unsuccessful candidate.
- 3) Participants will receive details on the program during the week of May 28, 2007. At that time, they will also be asked to make a final commitment to attendance. If they are unable to participate, alternates will be contacted and asked if they would like to participate.

