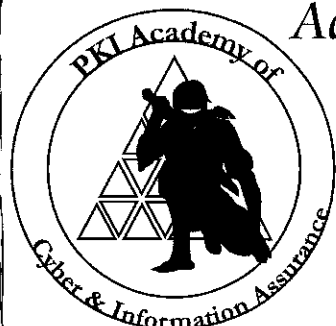


UNIVERSITY OF  
**Nebraska**



Summer  
*cademies* ★



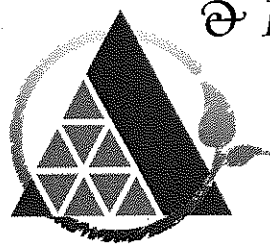
### *Academy of Cyber and Information Security*

Target Group = Rising Seniors

3 day *on-campus* experience

focused on *defense* of our  
Nation's *critical infrastructure*

Workshops include:  
*cryptography*  
*digital forensics*  
*disaster recovery*



### *Academy of Sustainable Environments & Renewable Energy*

Target Group = Rising Juniors  
and Seniors

Interactive workshops include:

*solar cookers*  
*sustainable agriculture*  
*building a solar panel*  
*sustainable lighting*

If you would like to learn more about the academies or the Peter Kiewit Institute, please visit [www.pki.nebraska.edu](http://www.pki.nebraska.edu) or give us a call at 402-554-3333.

#### 2012 Summer Academy Tentative Dates:

Academy of Excellence - June 10 - 13

Academy of Modeling and Simulation - July 9 - 12

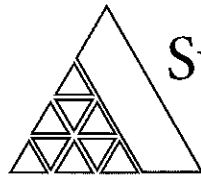
Academy of Cyber and Information Security - July 16 - 19

Academy of Sustainable Environments and Renewable Energy - July 23 - 26



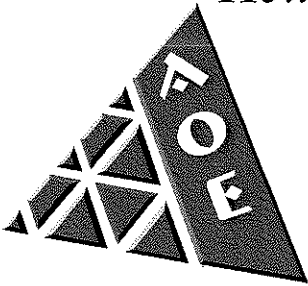
*The Peter Kiewit*  
**INSTITUTE**

1110 S. 67th Street  
Omaha, NE 68182  
402.554.3333  
<http://www.pki.nebraska.edu>



The Peter Kiewit Institute established the Summer High School Academies as an outreach initiative to actively engage high school students interested in engineering and technology. The academies that we offer are NOT classroom sessions where students just learn about engineering and technology concepts, but apply them. Attendees will find themselves immersed in an exciting environment centered on creative innovation, teamwork, and witty competition. It is also a great chance for students to experience a college atmosphere as they stay and dine in our university residence halls. Thanks to the generous gifts from our sponsors, there is no cost to attend the summer academies.

## Holland Academy of Excellence



Target Group = Rising Juniors

Sponsored by the Holland Foundation

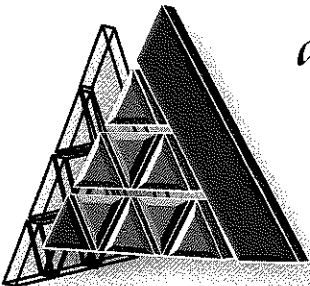
Students who excel in: **Math  
Science**

3 day *on-campus* experience

Workshops include:

*visual animation  
civil engineering  
bridge construction*

## Academy of Modeling and Simulation



Target Group = Rising Seniors

3 day *on-campus* experience

Application of modeling and simulation  
*using real world challenges* of today

Students explore: *avatars  
game-based learning  
virtual environments*



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