

PAN @ ND 2012

Physics of Atomic Nuclei @ Notre Dame (formerly PIXE-PAN) hosted 15 high school students from 9 different states in its 6th year. Over the course of the week, students were presented with lectures by faculty in nuclear physics and astrophysics, performed modern lab experiments in the state of the art Jordan Hall of Science, and presented their findings in a poster presentation to parents and members of the physics department.

The students entered the program with a high interest in science, and nuclear astrophysics in particular, and their interest remained high after. However, gains were seen in their attitudes towards basic nuclear research, and an understanding of what a career in research entails.

"I am really much more interested in nuclear science in general now"

The average score on the knowledge test, which covered lecture material as well as experimental concepts, rose from 47% to 73% after the week-long program. The students also found the program immensely enjoyable.

"Learning with a group of peers interested in science the way I am was one of the best educational experiences I've had so far"

Contact Information:
JINA Outreach University of Notre Dame
(574) 631-5326 jinaout@nd.edu
www.jinaweb.org/outreach/PAN_ND/

