

Advance Science Academy (ASA)

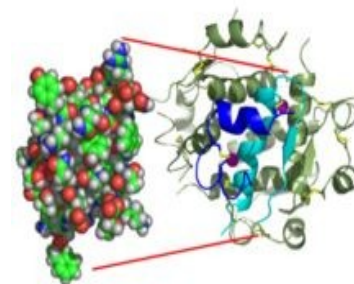
2011/2012

UNC PEMBROKE
REGIONAL CENTER FOR
ECONOMIC, COMMUNITY &
PROFESSIONAL DEVELOPMENT

DECEMBER 2011 - JUNE 2012

Academy Dates:

December 10, 2011
January 14, 2012
February 11, 2012
March 10, 2012
April 14, 2012
May 12, 2012
June 09, 2012



UNC Pembroke's Regional Center is offering a year-round Advance Science Academy(ASA) for **30 high school students** interested in careers in the field of science. This program is sponsored through a grant from the Burroughs Wellcome Fund and provides monthly (9:00 am-4:00 pm), hands-on workshops to help broaden the understanding of science and its content and will improve student's experience in scientific techniques. Participants will gain experience in experimenting, analyzing investigations, formulating models, forming hypotheses and making scientific inquiry.

Scholarship Includes:

Registration Fee	Workshops and handouts
Equipment and supplies	Facility Usage
Travel for Any Field Trips	Guest Speakers
Snacks	Incentive Stipend (\$25/Saturday Academy)

Eligibility Criteria:

- ◆ High School students for 2011/2012 school year
- ◆ Minimum cumulative grade point average of 2.5
- ◆ Interest in the science field as a possible career option
- ◆ Written Letter of recommendation from high school teacher or guidance counselor
- ◆ Written essay explaining your interest in Science Field emphasizing career goals, particularly related to science
- ◆ Completed application package with official transcript

Activities: Workshops will reflect current events connected to specific science disciplines such as:

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|-----------------------------------|-------------------------------------|
| Biotechnology and Plants | Biotechnology and Animals |
| Biotechnology and the Environment | Geology (pertaining to agriculture) |
| Nanotechnology | Biology |
- ◆ Internet Lab Topics include: Minorities in Science History and Ethics in Scientific Research
 - ◆ Career Guidance in scientific disciplines
 - ◆ Based on school year experience, 15 participants will be selected to continue with a Advanced Science Scholar program to serve as peer mentors to middle school students. (will be provided \$25/session stipend)

Contact: Allan Collins for more information at 910/775-4000 or email at: amc024@bravemail.uncp.edu



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