

Fall 2012 Youth Science Discovery Experience

A program of the National Youth Science Foundation®

General Information and Instructions

- Youth Science Discovery Experience** The Youth Science Discovery Experience (YSDE) is a semi-residential science education program that offers a scientific research experience for high school students and teachers. Each research team will consist of six students and one teacher, with technical guidance from a professional scientist. Each team will investigate its topic through a combination of residential visits and remote work between sessions. Residential visits will take place in Davis, WV at the Canaan Valley Institute Research and Education Center. Contact Josh Stevens at josh.stevens@nysf.com for further information.
- Dates** Participants must commit to full participation in both visits to the YSDE program as well as continuing research activities between residential sessions as their projects require. Dates for the spring 2013 program are:
March 20-24
April 24-28
- Cost** The Youth Science Discovery Experience is offered at no cost to its participants so that selected students may attend regardless of their financial status. All educational and recreational programming, as well as meals and lodging, are provided free of charge to participants. Participants are responsible only for their transportation to and from Canaan Valley Institute.
- Eligibility Criteria**
- High School math/science teachers and current high school students during the 2012-2013 academic year may apply. Pre-service teachers and individuals with alternative education experience may apply as YSDE staff as well.
 - Academic proficiency, particularly in math and sciences
 - Demonstration of leadership abilities and social maturity through involvement in school and community activities
 - Skills and achievements outside the realm of science and academic pursuits
 - Curiosity and eagerness to explore
- Application Criteria** A complete application consists of the following:
1. General Application: Complete online at http://nysfoffice.org/YSDE_App/addrecord (*address is case-sensitive)
 2. Personal statement detailing your qualifications and motivations for applying (email to josh.stevens@nysf.com)
 3. A concise resume highlighting your academic achievements, coursework, and extra-curricular activities—*no transcript necessary* (email to josh.stevens@nysf.com)
 4. A letter of support from a teacher or research mentor (for students) or from a principal or superintendent (for teachers). This should be sent directly by the author, either emailed to josh.stevens@nysf.com or mailed to:
YSDE Applications
PO Box 82
Thomas, WV 26292
- Questions** For answers to questions about the application and selection process, please contact YSDE director Josh Stevens at (304) 550-3421 or at josh.stevens@nysf.com.