

## High School Scholars Program for Future Engineers and Technology Teachers Nomination Form

### Principal's Nomination

I wish to nominate the student listed below to be a participant in Rowan University's High School Scholars Program for Future Engineers and Teachers of Math, Science and Technology for the 2011-2012 school year. This participation will include a week long experience from July 10-14, 2011 on Rowan's Glassboro campus, a one-day workshop in Fall 2011 and another one-day workshop in Spring 2012. I will support this professional development effort and allow the student to attend and to encourage engineering or teaching as a career.

### Student's Acceptance

I accept my principal's nomination and will participate in the July 10th-14th week long experience and the two follow-up workshops in Fall 2011 and Spring 2012. I also understand that meals are provided, and will accept the \$300 honorarium, paid in increments, to defray my travel costs for all three activities.

Student's Name (Please Print)

Student's Signature

Date

Principal's Name (Please Print)

Principal's Signature

Date

Parent/Guardian's Signature

Date



### A Partnership Between the Rowan University Colleges of Engineering, Education, and Graduate & Continuing Education

#### Project Director

Dr. Kauser Jahan  
Department of Civil and Environmental Engineering

#### Project Co-Director

Dr. Issam Abi-El-Mona  
Department of Teacher Education

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High School Scholars Program for Future Engineers and Teachers of math, science, and technology sponsored by the Edison Venture Fund  
[www.edisonventure.com](http://www.edisonventure.com)

# High School Scholars Program for Future Engineers and Technology Teachers



**Sunday, July 10, 2011  
through Thursday, July 14, 2011**

**Registration/nomination deadline:  
May 5, 2011**

**Rowan University**  
College of Graduate & Continuing Education

## Overview

High School Seniors for School Year 2011-2012 are being given the opportunity to participate in Rowan University's Annual Engineering Clinics for Teachers (ECT). Originally designed to assist Middle School Teachers in assuming a more active role in the implementation/delivery of engineering educational experiences, this year's ECT will again allow high school seniors to explore careers as future engineers, or teachers of math, science, or technology.

The Rowan University ECT is designed as a week long experience offered through a collaboration between the Colleges of Engineering and Education that utilizes problem-based learning projects and innovative measures.

The major objective for the high school senior is to give them a better understanding of what a technical career might entail as they experience presentations from guest speakers, field trips and interactive projects with Rowan's highly ranked engineering faculty.

## Features

- Participants will work with Rowan's renowned College of Engineering faculty on experiments that exemplify the roles of engineers
- Planned recreational activities
- Meals provided as well as access to Rowan University's Recreational Center
- Materials provided
- A certificate will be awarded upon completion of the ECT
- A \$300 stipend, paid in three increments, is available for those who participate in each summer session and the two follow-up workshops

## Agenda

**Sunday, July 10** Orientation Dinner

**Monday, July 11** Opening Ceremony

**Session:** "Bridges"  
**Session:** "Chemicals"

**Tuesday, July 12**

**Session:** "Robots"  
**Session:** "Energy"

**Wednesday, July 13**

Field trip to Atlantic County Utilities Authority's Wind Farm and Wastewater Treatment Facility

**Thursday, July 14** Program recap

Presentations and demonstrations

Closing ceremony & certificate distribution



## High School Scholars Program for Future Engineers and Technology Teachers Registration Form

This experience is recommended for high school students who will be graduating in June 2012 and are considering a career as an engineer, or teacher of math, science, or technology.

**Please return completed registration and nomination form along with a copy of your transcript with math and science scores present and TWO letters of recommendation no later than Wednesday, May 5, 2011.**

**If accepted a confirmation letter and detailed program information will be forwarded on May 27, 2011.**

NAME

ADDRESS

CITY

STATE

ZIP

HOME PHONE

CELL PHONE

E-MAIL

SCHOOL

Use any of these convenient methods to return your completed registration/nomination form.

**Fax:** 856-256-5607

**Mail:** Office of Professional Development/CGCE  
South Jersey Technology Park at Rowan University  
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Mullica Hill, New Jersey 08062

**Questions:** Please call 856-256-4715