

Mid-Hudson Technical Societies' 2016 Engineering Poster Competition Rules and Information

NOTE: Please note that there have been some changes to this year's poster contest rules. Please read these rules and information carefully and be sure to fill out and submit the poster contest checklist with your poster. Checklist is located at the end of this document.

Who sponsors the competition?

The poster competition is going to be a part of the **2016 Mid-Hudson Engineering Week Dinner**. Mid-Hudson technical Societies include the following Societies:

American Ceramic Society
American Chemical Society
American Institute of Chemical Engineers
American Production & Inventory Control Society
***American Society for Quality – Mid-Hudson Chapter**
***American Society of Civil Engineers – Mid-Hudson Branch**
American Society of Mechanical Engineers
Association for Computing Machinery
Hudson Valley Council of Technical Societies
Hudson Valley Technology Development Center
***Institute of Electrical and Electronic Engineers – Mid-Hudson Section**
***Institute of Industrial Engineers**
***International Society of Pharmaceutical Engineers**
National Society of Black Engineers
New York State Association of Transportation Engineers
New York State Society of Professional Engineers - Orange/Sullivan
***New York Water Environment Association – Lower Hudson Chapter**
Society of American Military Engineers
***Society of Manufacturing Engineers – Mid-Hudson Chapter**
Society of Plastic Engineers
***Society of Women Engineers**
SUNY Dutchess Community College
SUNY New Paltz-School of Science and Engineering
SUNY Orange County Community College
SUNY Ulster Community College
* Denotes societies on the planning committee

What is the purpose of the competition?

The sponsors of this competition would like to promote and develop math, engineering and science in the middle, and high school grades. They are tomorrow's leaders and the world is dependent on their bright minds and creative spirit. This competition provides students with an opportunity to express their creativity in a problem-solving world.

What is on the poster?

Posters should portray / display your process, product or idea. Focus should be on a visual presentation versus a written one. Posters must relate to this year's theme:

"CLIMATE CHANGE AFFECTING OUR FUTURE"

Note that homemade posters will score higher. Some examples, for reference can be found here:

<http://climate.nasa.gov/effects/>

<http://www.nature.org/ourinitiatives/urgentissues/global-warming-climate-change/threats-impacts/>

Who may enter the competition?

All students in grades 6 through 12 in the Hudson Valley are eligible to enter. Entries are judged in three grade categories:

- Category 1: 6-8
- Category 2: 9-10
- Category 3: 11-12

Who will judge the entries?

A select group of engineers & technical professionals.

What are the judging criteria?

- *Appropriateness* and *Creativity* of the idea.
- *Overall impact* of the display for eye-catching appeal and visual attractiveness; for its ability to draw in the viewer.
- *Adherence to the theme.*

What prizes are awarded?

In each of the three grade-level categories cash prizes will be awarded for a minimum amount of 1st (\$100.00), 2nd (\$75.00), and 3rd (\$50.00), place (one winning poster per grade-level category). Other awards of recognition will also be presented and every participant will receive a certificate of merit that acknowledges that they were part of the poster competition. Prize winners will be announced prior to the closing of the dinner to be held on **Tuesday, February 23, 2016**.

Deadline? Participants must register by email or letter to the contact person listed below no later than **Monday, January 18, 2016**. All posters must be received at Tectonic Engineering, 1279 Route 300, Level G, Newburgh, NY 12550 by no later than 5:00pm, **Friday, January 29, 2016**.

What are the rules?

The following rules must be strictly followed or the poster will be disqualified:

- *The poster content must give no information that identifies the participant(s), team, or school. There shall be no names displayed on the poster.*
- ***Two copies*** of the entry form must be completed and placed in a 9" x 12" envelope affixed securely to the back of the poster.
- Posters must measure exactly **22 inches wide x 28 inches high**, and be of **Portrait orientation** (short sides top and bottom). *No landscape orientation accepted.*
- Posters must be done on, or securely affixed to, poster board (standard 22x28 poster board can be found at Staples, Office Depot, Michaels, Walmart, etc.)
- Any layers of paper on posters must be affixed securely. Building a third dimension on the poster with paper or other objects is allowed.
- Posters must be the original design and creation of the entrants themselves. Computer graphics may be used.
- Students may work individually or in teams. There is no restriction on the size of the team; it may be as large as the entire class. For teams with members from different grade levels, the highest grade level represented determines the entry category.
- Inappropriate posters will be removed at the discretion of the Committee.

What permissions do participants grant?

All posters become property of the competition organizers and will be returned to teachers/participants at the dinner. By submitting a poster, students give permission for their work to be displayed at conferences and events, in publications and promotional material, and in electronic format on the Internet. If any posters are left at the event, they must be picked up by no later than Friday, March 11, 2016 at Tectonic Engineering (address below).

Who should be contacted for further information?

Anthony Botta, ASCE
Tectonic Engineering & Surveying Consultants, P.C.
1279 Route 300 - Level G
Newburgh, NY 12550
(845) 567-6656 ext. 2814 (Office)
(914) 475-7984 (Cell)
(845) 567-8703 (Fax)
APBotta@tectonicengineering.com

These rules can be downloaded at the site below. Click on **Poster Contest Rules** at left.
<http://midhudsoneweek.cfsites.org/index.php>

Entry Form

Please **print clearly** or **type**.

Please **fill in all information**.

Grade Category: 6-8 _____ 9-10 _____ 11-12 _____ (check highest grade of participating students)

Title of Poster: _____

Name of School/Organization: _____

School/Organization Address: _____

City/State/ZIP: _____ County: _____

Name of Teacher(s)/Adult Advisor(s)/Scout or Youth Leader(s)/Parent(s)/etc:

E-mail address(s) of Teacher(s)/Adult Advisor(s)/Scout or Youth Leader(s)/Parent(s)/etc:

Phone Number: _____

Student(s) Full Name(s) and Grade Level(s) - also include **phone number** and/or **e-mail** for student or parent.
PRINT CLEARLY: (if a group is larger than five students, use additional forms)

1. **Student Name:** _____ Grade: _____

Contact Information: Phone: _____ Email: _____

2. **Student Name:** _____ Grade: _____

Contact Information: Phone: _____ Email: _____

3. **Student Name:** _____ Grade: _____

Contact Information: Phone: _____ Email: _____

4. **Student Name:** _____ Grade: _____

Contact Information: Phone: _____ Email: _____

5. **Student Name:** _____ Grade: _____

Contact Information: Phone: _____ Email: _____

I/we verify that this is my/our original work. I/we understand that my/our entry becomes the property of the competition organizers and I/we understand that it may be submitted to the **2016 Mid-Hudson Technical Society Engineering Week Poster Competition**.

Student signature(s):

Signature(s) of Teacher(s)/Adult Advisor(s)/Scout or Youth Leader(s)/Parent(s)/etc:

Deadline: Participants must mail, fax or email one copy of this completed entry form to the contact listed above (Anthony Botta) for entry registration no later than **Monday, January 18, 2016**. All posters must be received at Tectonic Engineering, 1279 Route 300, Level G, Newburgh, NY 12550 no later than 5:00pm, **Friday, January 29, 2016** (ask for Anthony Botta once you arrive at the office). A second copy of the completed form must be placed in a 9" x 12" envelope affixed to the back of the poster prior to delivery at Tectonic.

POSTER CHECKLIST

- This checklist should be completed and enclosed with your poster -

(ensure that all listed items are completed in order to avoid being disqualified)

- _____ **Two (2) copies** of the entry form are completed and have been placed in a 9" x 12" envelope which is affixed securely to the back of the poster.

- _____ The poster does not give any information that identifies the participant(s), team, or school. There are no names displayed on the poster.

- _____ The poster measures exactly 22 inches wide x 28 inches high, and is of **Portrait orientation** (short sides top and bottom). Landscape orientation is not acceptable.

- _____ Poster has been completed on, or is securely affixed to, 22"x28" poster board.

- _____ Any layers of paper or three dimensional objects on the poster are affixed securely. Ensure that all items are securely attached to the poster to prevent any damage/loss during transport.

- _____ Poster is of original design and creation of the participants.

- _____ There is no inappropriate material displayed on the poster.

ENTRY FORM DEADLINE: **Monday, January 18, 2016.**

POSTER DEADLINE: **Friday, January 29, 2016**

EWEEK DINNER/POSTER WINNER ANNOUNCEMENTS: **Tuesday, February 23, 2016**

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