



Developing a Competitive Teacher Award Application

Presented by: Sheila Smith

November 16, 2016

6:30 p.m. ET / 5:30 p.m. CT / 4:30 p.m. MT / 3:30 p.m. PT



Introducing today's presenter...

Sheila Smith

Chair, NSTA Teacher Awards and Recognition
Committee



NSTA Teacher Award Programs



- Over 20 awards offered
 - Honoring teachers and students
 - Pre-K – College

Award Applications



- Make sure application is complete.
- Complete application using on-line software at www.nsta.org/awards
- You may nominate a colleague!
- Submit your application by the specified deadline.
 - Most deadlines are **12/15/2016**



Poll



Are you planning to apply for an award?

- A. Yes, definitely!
- B. Maybe
- C. No, not this year



Chat Discussion



Have you previously applied for an award?
If so, use the chat to share which one(s).



Awards in Detail

“Angela” Award



- Recognizes an outstanding middle school female student who has a strong interest in science
- Include an essay, two pages of documentation, letter of recommendation
- Prize: \$1000 savings bond



Ron Mardigian Memorial Biotechnology Explorer Award



- Recognizes an outstanding high school **teacher who has made biotechnology learning accessible to the classroom**
- Teachers of grades 9-12, with 2+ years of experience teaching biotechnology are eligible.
- Include **narrative of how you teach biotechnology, summary of one project, resume, letters of recommendation**
- Prize: \$750 in products, \$1000 in expense money
- *Additional opportunity to apply for \$2K in teacher grant materials from BioRad*



Distinguished Informal Science Award



- Honors NSTA members who have made **extraordinary contributions to the advancement of science education in an informal or nontraditional school setting**
- Include an abstract, narrative, and vita
- Prize: \$500 and three nights lodging at NSTA National Conference on Science Education

Distinguished Service to Science Education Award



- Honors NSTA members demonstrating active leadership and scholarly endeavor over a significant period of time
- Include a vita, abstract, narrative of accomplishments
- Prize: \$500 and three nights lodging at the NSTA National Conference on Science Education

Distinguished Teaching Award

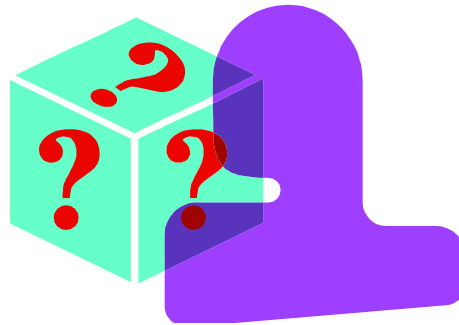


- Honors NSTA members who have made extraordinary contributions to the field of science teaching
- Include a narrative, vita, lesson plan
- Prize: \$500 and three nights lodging at the NSTA National Conference on Science Education

DuPont Pioneer Excellence in Agricultural Science Education Award



- Recognizes excellence and innovation in the field of agricultural science education
- 5-12 classroom **teachers who implement agricultural science in their classroom are eligible; include your lesson describing your innovative agricultural science practices**
- Prize: \$2500 in classroom expenses for resources from DuPont Pioneer and access to a DuPont Pioneer product plant or research facility, plus up to \$1000 in expenses paid trip to the NSTA National Conference on Science Education



Let's pause for questions
from the audience

Faraday Science Communicator Award



- Recognizes and rewards an individual or organization that has inspired and elevated the public's interest in an appreciation of science
- **Include a narrative describing active leadership in science communication, supporting materials, and vita**
- Prize: \$2500 to attend the NSTA National Conference on Science Education
- Recent past winners include: Ira Flatow of Science Friday, WGBH Boston, Anaheim Ducks SCORE Program, Andrew Fraknoi of Foothill College

Fellow Award



- Recognizes NSTA members who have made extraordinary contributions to science education through personal commitment to education
- **Include a vita, letter of support, narrative of accomplishments in teaching, service, or research**
- Prize: citation, pin, and one night lodging to attend the NSTA National Conference on Science Education

Legacy Award

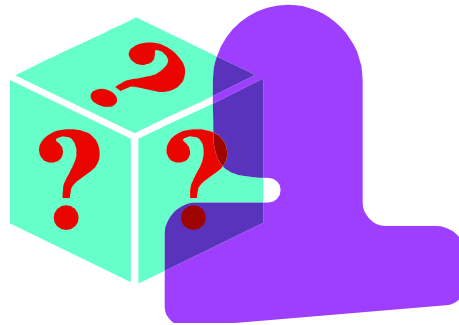


- Posthumously recognizes long-standing members of NSTA for significant lifelong service to NSTA and contributions to science education
- Include **a narrative of their contributions and letters of support**
- Prize: \$500 in expenses and two nights lodging to attend the NSTA National Conference on Science Education

Maitland P. Simmons Memorial Award for New Teachers



- Scholarship provides selected K-12 teachers (up to 25) in their first five years of teaching with funds to attend the NSTA national conference
- Submit a **narrative describing your plans to attend the national conference** (*use prior conference sessions as basis of your plan*), resume, most recent college transcript, letter of recommendation
- Prize: \$1000 to attend the NSTA National Conference on Science Education



Let's pause for questions
from the audience



Poll



How many years of science teaching experience do you have?

- A. 0 – 5 years
- B. 6 – 9 years
- C. 10 – 14 years
- D. 15+ years

Wendell G. Mohling Outstanding Aerospace Educator Award



- Recognizes excellence in the field of aerospace education; open to formal teachers
- Include **narrative describing your aerospace teaching practices, lesson plan, supporting material, letters of support**
- Prize: \$3000 and \$2000 in expenses to attend the NSTA National Conference on Science Education

Northrop Grumman Foundation Excellence in Engineering Award



- This award recognizes excellence in the field of engineering education
- The applicant must be a K-12 public school science/technology teacher. Individuals must have a minimum of 3 years teaching experience. Awardees will have exhibited excellence in engineering science and demonstrate:
 - Active leadership in engineering education
 - Foster observation, investigation, and creative thinking
 - Promote scientific inquiry
 - Provide opportunities to connect science educators and their students with the broader engineering science and technology community

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NORTHROP GRUMMAN
Foundation



Northrop Grumman Foundation Excellence in Engineering Award



- Provide students with interdisciplinary, multicultural, and multi-perspective viewpoints to demonstrate how engineering transcends STEM boundaries
- Use appropriate technologies such as modeling, simulation, and distance learning to enhance engineering education learning experiences and investigations
- Support of the NSTA Position Statement on the Next Generation Science Standards as they relate to engineering
- The award consists of \$5000 for classroom materials and equipment, a cash prize of \$3000, and \$2000 to attend the NSTA National Conference on Science Education. The recipient of the Award will be honored during the Awards Banquet at the NSTA Conference.

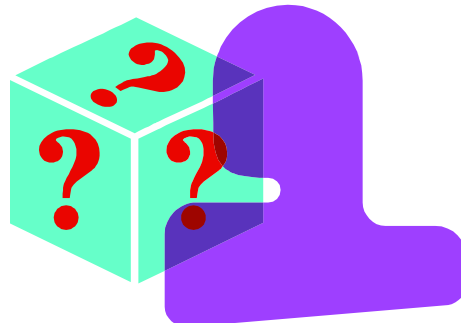
NORTHROP GRUMMAN
Foundation



Robert E. Yager Excellence in Teaching Award



- Recognizes six full-time K–12 teachers of science who successfully **use innovation and excellence in their classroom**
- Include a summary, abstract, narrative, and vita **describing your outstanding nature contributions in science teaching with specific examples**
- Prize: \$1,000 towards expenses to attend the NSTA National Congress on Science Education held each summer and \$1,000 for the awardee.
 - An identified Yager Scholar from the six awardees will be given additional support up to \$1,500 to present at a future NSTA National Conference on Science Education.



Let's pause for questions
from the audience

Robert H. Carleton Award



- Recognizes one individual who has made outstanding contributions to, and provided leadership in, science education at the national level and to NSTA in particular
- Include an abstract, narrative, and vita **describing your significant contributions in science education**
- Prize: \$5000 and expense paid trip to the NSTA National Conference on Science Education

PASCO STEM Educator Awards



- Recognize excellence and innovation in the field of STEM education at the middle, and high school levels
- A total of 3 awardees
 - one middle school
 - two high school
- Include **narrative of how you implement STEM, with student examples**, one page resume, letters of recommendation
- Prize: \$500, \$1,000 in expenses, and \$5,000 in PASCO products

PASCO®

SeaWorld Parks and Entertainment Environmental Educator of the Year Award



- Recognizes one outstanding teacher working at the grass roots level to protect and preserve the environment
- Submit a five minute video clip, application, narrative of your replicable environmental science innovation
- Prize: \$10,000 and an expense paid trip to the NSTA National Conference on Science Education



Shell Science Teaching Award



- Recognizes one outstanding classroom science teacher (K-12) who has had a positive impact on his or her students, school, and community through exemplary classroom science teaching
- Include resume, teaching schedule, narrative of your exemplary teaching and community support, nomination and letters of recommendation
- Prize: \$10,000 expense paid trip to the NSTA National Conference on Science Education; two national finalists receive expense paid trip
- **Deadline: January 6, 2017**



Shell Urban Science Educators Development Award



- Recognizes seven urban classroom science teachers (K-12)
- Include:
 - Narrative describing a plan of attendance at the national conference. Based on the previous year's national conference
 - Resume and letters of recommendation
- Prize: \$1800 for expenses to attend the NSTA National Conference on Science Education; mentoring; additional membership in AMSE



Sylvia Shugrue Award



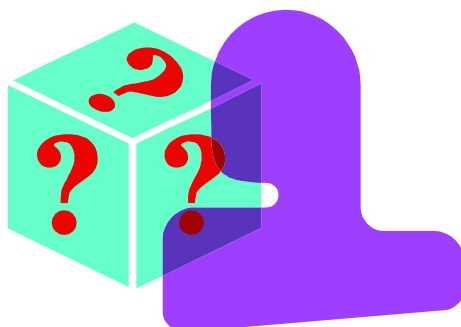
- Honors one elementary school teacher who has established (or is establishing) an interdisciplinary, inquiry-based lesson plan
- Include narrative describing extraordinary science teaching, lesson plan, vita
- Prize: \$1,000, \$500 in expenses to attend the NSTA National Conference on Science Education

Vernier Software & Technology Awards



- Recognizes innovative use of data collection technology using a computer, graphing calculator, or other handheld device in the science classroom
- Four levels
 - One elementary
 - Two middle school
 - Three high school
 - One college
- Include: abstract of program, lab activity or virtual lab activity, vita, letters of recommendation
- Prize: \$1,000, \$1,500 in expenses, and \$3,000 in Vernier products





Let's pause for three
questions from the
audience



Poll



What is the most challenging part of applying for an award?

- A. Meeting parameters (years teaching, subject taught, etc.)
- B. Writing an effective narrative
- C. Getting good letters of support
- D. Finding the time to do it
- E. Other (share in the chat)



Chat Discussion

How can we get more teachers to apply?
What ideas do you have for spreading the word?

Share your ideas in the chat.

Summary of Awards and Recognitions



- “Angela” Award: \$1,000 scholarship for 5-8th grade female student
- Ron Mardigian Memorial Biotechnology Explorer Award: \$750 products/\$1000 towards expenses (*additional \$2K grant opportunity*)
- Distinguished Informal Science Award: citation/3 nights lodging/\$500 towards expenses

Summary of Awards and Recognitions



- Distinguished Service to Science Award: citation/3 nights lodging/\$500 towards expenses
- Distinguished Teaching Award: citation/3 nights lodging/\$500 towards expenses
- DuPont Pioneer Excellence in Agricultural Science Education Award (2): \$2500 in classroom resources/\$1000 expenses
- Faraday Science Communicator Award: plaque/up to \$2500 expenses

Summary of Awards and Recognitions



- NSTA Fellow Award: citation & pin/1 night lodging
- Legacy Award: plaque/2 nights lodging/ \$500 towards family member expenses
- Maitland P. Simmons Memorial Award for New Teachers (25): up to \$1000 expenses
- Wendell G. Mohling Aerospace Award: plaque/\$3000 prize/\$2000 expenses

Summary of Awards and Recognitions



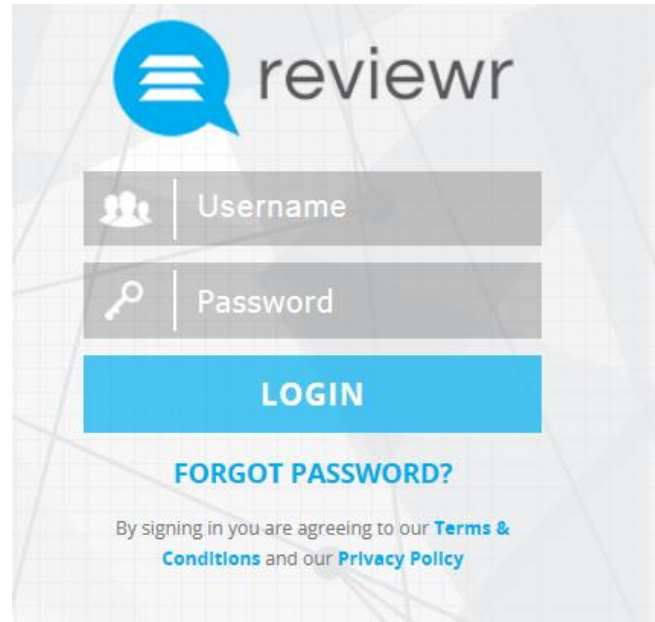
- Robert E. Yager Awards (6): \$1000 prize/\$1000 expenses to attend NCSE (Summer Congress)
- Robert H. Carleton Award: citation/\$5000 prize/all expense paid trip
- PASCO STEM Educator Awards (3): \$500 prize/\$1000 expenses/\$5000 PASCO products
- SeaWorld/Busch Gardens Award: \$10,000 prize/all expense paid trip

Summary of Awards and Recognitions



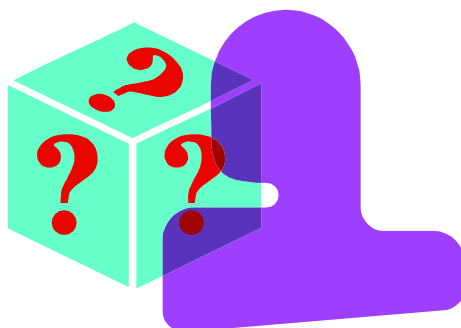
- Shell Teaching Award: \$10,000 prize/all expense paid trip and 2 finalists receive all expense paid trip
- Shell Urban Science Educators Development Award (7): \$1800 expenses
- Sylvia Shugrue Award: \$1000 prize/\$500 towards expenses
- Vernier Technology Awards (7): \$1000 prize/\$1500 towards expenses/\$3000 of Vernier products
- **All expense money is for attendance at the NSTA National Conference on Science Education (except for Yager Award which is for Summer Congress)**

Online Application



To create an account you will need to click on the **Apply** button at www.nsta.org/awards then use your e-mail to create your login, and generate a password you will remember.

<https://app.reviewr.co/login>



What other questions do
you have?

You can't win if you
don't apply!



Thank you and have a rewarding
school year.



Thanks to today's presenter!

Sheila Smith

Chair, NSTA Teacher Awards and Recognition
Committee





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