SHELL SCIENCE TEACHING AWARDS AND
SHELL SCIENCE LAB REGIONAL CHALLENGE
Programs of NSTA
Rochelle L. Darville, MEd, is a middle school teacher at West St. John High School in St. John the Baptist Parish, Louisiana, and mentors new teachers in her district. This Ascension parish native has been teaching science and history for over eight years. She is the sponsor of the S.T.E.M. and Robotics Club at her school. Her honors include 2020 Fulbright awardee, multi-year (2013 and 2018) Teacher of the Year, 2013 N.S.T.A. and Honda New Science Teacher Fellows, 2015 Teacher Efficacy Academy Cohort-DTEC. Rochelle won the Shell Science Lab Regional Challenge national science teacher competition in 2019. She has presented at various state and national conferences. She is a Co-Founder of a 501c3 organization called Community Sisterhood and S.T.E.M. Rochelle served with the Smithsonian Education Center as diversity in S.T.E.M. mentor to school districts.

Amanda Upton, MEd, is currently the senior manager of the Shell Programs at the National Science Teaching Association. She is a current board member of the National Innovation Collaborative a STEAM interdisciplinary forum. She is the chairperson to the NIC Diversity Committee, and co-chairs the K-12 Effective Practices Project. She recently completed a MEd in Interdisciplinary Leadership. Her passion includes collaboration among innovative educators to create intrinsic learning experiences for our future members of society.
SHELL SCIENCE TEACHING AWARD

4

$10K

75th Anniversary

NSTA

4

nsta
MARTHA MCLEOD – FULTON LEARNING CENTER

2020 Shell Science Teaching Award winner
ELIGIBILITY
SHELL SCIENCE TEACHING AWARD

Eight Years

Science

U.S. & its territories, DoD, Canada
TIMELINE TO WIN $10K

1. Submit Application
2. Semi-finalists videos
3. Finalists site visits
4. Winner selected
The Shell Urban Science Educators Development Award has given me opportunities to attend a national science conference so that I could engage in professional development. This professional development has impacted my instructional practice by engaging students in high-quality science learning experiences. It motivated me to do more for my black and brown students and teachers. It has allowed me to create equitable pathways for my school community such as our White Coat Ceremony, STEM Expo, and school-wide project-based learning. This award definitely encouraged me to be an equity champion.
ELIGIBILITY
SHELL URBAN SCIENCE EDUCATORS DEVELOPMENT AWARD

Urban science teachers

Eligible underrepresented groups

U.S. & its territories, DoD, Canada
LET’S PAUSE FOR QUESTIONS
The Challenge

Showcases the work of teachers who have an exemplary approach to teaching science with minimal lab equipment.

Awarding teachers/schools with tools, resources, and rich professional development opportunities.
THE AWARD
SHELL SCIENCE LAB REGIONAL CHALLENGE

Regional Prizes
Elementary/Middle $10k
High School $15k

Grand Prizes
Expense paid trip to NSTA National Conference
APPLICATION PROCEDURE

www.nsta.org/shell
https://www.nsta.org/shell-science-lab-regional-challenge
GETTING STARTED

Go to: [www.nsta.org/shell](http://www.nsta.org/shell) OR [https://www.nsta.org/shell-science-lab-regional-challenge](https://www.nsta.org/shell-science-lab-regional-challenge)
BEGIN YOUR NOMINATION

PLEASE NOTE:

Please note that, for security purposes, this application form has a 2-hour time limit. If you are inactive on this form for 2 hours or more, you will be automatically logged out of the system. You may log back in with your username (email address) and password.

At any time during the application process, you may click the Save & Logout button, located at the top of every screen. This will save the information you have entered thus far and allow you to log back in to complete your form at a later date.

Nominator Information:

* NOMINATOR FIRST NAME
  New

* NOMINATOR LAST NAME
  Teacher

* NOMINATOR EMAIL ADDRESS
  newscience@teacher@yahoo.com

* NOMINATOR TITLE/ROLE
  science teacher
Nominee Information:

- NOMINEE NAME (FIRST AND LAST)
  best administrator

- NOMINEE EMAIL ADDRESS
  anyschool@gmail.com

- NOMINEE PHONE NUMBER
  - US/CANADA
    703-534-7111
  - OUTSIDE US
    US: 402-555-1212

- NOMINEE SCHOOL/ORGANIZATION
  Best school

Category:

- WHICH CATEGORY ARE YOU NOMINATING THIS PERSON IN?
  The Shell Urban Science Educators Development Award

Why?

- WHY ARE YOU NOMINATING THIS PERSON/ORGANIZATION FOR THIS AWARD?
  1935 characters left
  great educator!
PLEASE NOTE:

Please note that, for security purposes, this application form will expire back in with your username (email address) and password.

At any time during the application process, you may click the "Save in Draft" button to complete your form at a later date.

Nominator Information:

- NOMINATOR FIRST NAME
  New

- NOMINATOR LAST NAME
  Teacher

- NOMINATOR EMAIL ADDRESS
  newscienceteacher@yahoo.com

- NOMINATOR TITLE/ROLE
  science teacher

- NOMINATOR SCHOOL/ORGANIZATION
  any school

- NOMINATOR ADDRESS LINE 1
  123 street

- NOMINATOR ADDRESS LINE 2

- NOMINATOR CITY
  my city

- NOMINATOR STATE
  VA

- NOMINATOR ZIP CODE
  22201

- NOMINATOR PHONE NUMBER
  ☐ US/CANADA  ☐ OUTSIDE US
  703-532-1111
SUBMISSION REQUIREMENTS

- Narrative
  - Science teaching philosophy
  - Instructional method
  - Strategies you use to teach science

- Teaching Schedule

- Support Letters

- Curriculum Vitae

Description

- Science teaching philosophy
- Instructional method
- Strategies you use to teach science
Gandhi’s teaching philosophy is “relationship matters more than a set of rules and expectations.” For a student, a positive teacher-student relationship can boost student achievement and help them take ownership of their own academic growth and learning. Gandhi’s teaching approach includes the 5E Model, scientific inquiry and problem-solving methods, and video conference lessons. Gandhi’s students regularly visit NASA, the Houston Museum of Natural Science, the Houston Zoo, Texas Parks and Wildlife, and other local environmental or service-minded non-profit groups. Each year she coordinates a campus science fair family science night and a Family School Adventure to Children’s Museum.
**VITAE/RESUME**

<table>
<thead>
<tr>
<th>RESUME</th>
<th>VS</th>
<th>CURRICULUM VITAE</th>
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</thead>
<tbody>
<tr>
<td>1 page</td>
<td>2+ pages</td>
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<tr>
<td><strong>PURPOSE</strong></td>
<td></td>
<td>Comprehensive history of your educational and professional life</td>
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<td>Highlight reel of your professional and personal accomplishments</td>
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<tr>
<td>• Tailored to a specific job listing</td>
<td>• Sections are organized in reverse-chronological order</td>
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<tr>
<td>• Can take on a variety of formats</td>
<td>• Sections may be moved around based on job listing, but the CV remains comprehensive</td>
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<tr>
<td>Most teachers applying for K-12 teaching positions in the U.S.</td>
<td>• Some teachers applying for positions abroad</td>
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<td>• Teachers applying for research positions or positions in academia.</td>
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- **the bullets beyond employment information in the application are optional, but strongly encouraged to complete for judging information**
JUDGES LOOK FOR

community
safety
outstanding
national innovative
k-12 STEM
exemplary
three-dimensional
assessment
inquiry
science
CRITERIA FOR JUDGING

- Disciplinary Core Ideas
- Authentic Phenomena & Problems
- Crosscutting Concepts
- Science & Engineering Practices
- Lab Safety

Testing Ideas

- Exploration and Discovery
- Community Analysis and Feedback
- Benefits and Outcomes
LET’S PAUSE FOR QUESTIONS
You can send questions after the presentation to aupton@nsta.org
THANK YOU!

Amanda Upton
Senior Manager, Shell Programs

aupton@nsta.org
703.312.9217

Thank you to Shell, Carolina Biological Supply Company and NSTA for partnering to recognize outstanding elementary, middle and high school teachers and their programs.