



Citizens for Nuclear Technology Awareness 15th Annual High School Essay Contest Scholarship

We are requesting your assistance in promoting participation in this year's Citizens for Nuclear Technology Awareness (CNTA) Essay Contest. High school juniors and seniors in Aiken, Allendale, Barnwell, Burke, Columbia, Edgefield and Richmond County schools are eligible to submit entries. The winning students (3) will receive a \$1,000 scholarship, and a group of second place finishers will receive a \$500 scholarship each.

The goal of the CNTA Essay Contest is to increase high school student awareness of nuclear technologies and their impact on society. Successful essays require students to integrate science, technology, social understanding and language arts. Researching a technical topic, relating the information to society, and effectively communicating the information in writing are great skills for any high school student to practice and demonstrate.

The winning students, their parents and school representatives will be invited to be honored guests recognized at a CNTA event in the spring/summer (as schedules permit).

CNTA is a grassroots organization comprised of individuals, families and businesses dedicated to raising the level of awareness of nuclear technologies. The Essay Contest is an exciting part of this mission. CNTA staff and essay contest judges look forward each year to receiving and reviewing student essays, and being able to recognize and reward deserving students and their schools. Over the course of the essay scholarship program, CNTA has awarded over \$50,000 to deserving students.

This year we are fortunate to have Savannah River Remediation's partnership to award more scholarships to deserving area students. The funding for our new second place finishers scholarships are due to their generous support. We hope to distribute up to five \$500 second place awards.

Your assistance is requested in promoting student participation in this exciting opportunity by forwarding this information to your district high school principals, guidance counselors, advisors, and science and language arts instructors. The attachments provide details on the essay contest topics, rules, deadlines and points of contact if you or your staff has any additional questions.

Sincerely,

A handwritten signature in cursive script, appearing to read 'Marissa Reigel', written in black ink.

Dr. Marissa Reigel
Chair, CNTA Essay Committee



Citizens for Nuclear Technology Awareness 15th Annual High School Essay Contest

Citizens for Nuclear Technology Awareness (CNTA), a 501 (c) 3 non-profit organization, is sponsoring an essay contest for students in Aiken, Allendale, Barnwell, Burke, Columbia and Richmond County schools and homeschools. Current junior and senior high school students in these counties, and current CNTA members' family regardless of their county of enrollment, are invited to submit a 1,000-1,500 word essay on one of the following topics:

- **Discuss the relative carbon footprints and other by products (air pollution, etc.) of four major electrical energy generation technologies: Coal, natural gas, nuclear and solar power with respect to their impact on global warming and environmental impact.**
- **Nuclear waste is a byproduct of producing nuclear power and performing nuclear defense work. The waste needs to be remediated to make it safe for people and the environment. Discuss current waste disposition methods and how we can continue to ensure our world continues to deal with the waste safely and securely?**
- **Discuss the use and lifecycle of nuclear technology in medicine.**

The competition will be judged by the Citizens for Nuclear Technology Awareness staff and general membership representatives.¹

The winning students will receive a \$1,000 scholarship, and a group of second place finishers will receive a \$500 scholarship each. Contest winners will be recognized at the annual Edward Teller Lecture/Banquet.

The purpose of the CNTA Essay Contest is to promote a better understanding of nuclear technology among high school students. It also provides an incentive for the development of written communication skills that are vital to continued success in education and in the workforce.

Contact: Dr. Marissa Reigel, (803) 725-3459
Dr. Jim Marra, (803) 649-3456

February 28, 2021: Deadline date for essay submittal. The essay submission must include a completed Official Student Entry Form. **Electronic Submittal is preferred.**

Electrical Submittal:
cnta@bellsouth.net

Mail To:
CNTA
Attention: Dr. Marissa Reigel
1204 Whiskey Road, Suite B
Aiken, SC 29803-4318

March-April 2021: Notification of CNTA essay winners. Invitation to be recognized at CNTA event.

¹ See attached "Rules" sheet for additional details



CNTA Annual High School Essay Contest

Contestant Qualifications and Rules:

1. Participants must be enrolled in a school (including homeschools) within the Aiken, Allendale, Barnwell, Burke, Columbia or Richmond County areas. CNTA members' families (high school juniors or seniors) are considered eligible regardless of their county of enrollment. **A contestant is allowed to submit only one essay in the competition.**
2. Contestants must be high school students in grades 11 or 12.
3. Each contestant must prepare his or her own essay. The essay is to address one of the following topics:
 - **Discuss the relative carbon footprints and other by products (air pollution, etc.) of four major electrical energy generation technologies: Coal, natural gas, nuclear and solar power with respect to their impact on global warming and environmental impact.**
 - **Nuclear waste is a byproduct of producing nuclear power and performing nuclear defense work. The waste needs to be remediated to make it safe for people and the environment. Discuss current waste disposition methods and how we can continue to ensure our world continues to deal with the waste safely and securely?**
 - **Discuss the use and lifecycle of nuclear technology in medicine.**
4. Contestants must submit one (1) copy of their essay in its final form to the Contest Director by the due date of February 28, 2021. Each essay **must be accompanied** by an Official Student Entry Blank (including teacher/advisor/school information). **No faxed copies will be accepted.**
5. The Essay Contest Director will verify that the content of the essay relates to the nuclear technology topic. Essays not relating to the topic will be returned to the contestant and will be ruled ineligible for competition. Written copies of all competing essays will be held by CNTA for one (1) year.
6. 1st place essays may be submitted to local newspapers for publication consideration. They will also be posted on cntaware.org for the year.
7. Essays arriving **after the due date of February 28, 2021** will be ruled ineligible for competition.
8. Contestants may not identify themselves, their city or state, or their schools in the context of their essay.
9. No handouts or additional materials may be used with the essays.
10. Essays must be limited to 1,000-1,500 words.
11. Contestants may use quotations and/or copyrighted materials, but must identify the original author. The appropriate use of such material is the responsibility of the contestant.
12. **Essays must include proper citation of sources.**
13. The \$1000 scholarship will be awarded to the student for use towards post-high school education.



**Citizens for Nuclear Technology Awareness
2021 High School Essay Scholarship Contest
Official Student Entry Form**

STUDENT CONTACT INFORMATION:

LAST NAME: _____ FIRST NAME: _____

NAME COMMONLY CALLED: _____ GRADE: _____

EMAIL ADDRESS TO CONTACT: _____

HOME ADDRESS: _____

PHONE: _____

ESSAY TITLE: _____

COLLEGE PLANS: _____

SCHOOL INFORMATION:

NAME OF SCHOOL: _____

SCHOOL ADDRESS: _____

ELECTRONIC SUBMITTAL:

(Preferred)

cnta@bellsouth.net

MAIL ESSAY TO:

CNTA

Attention: Dr. Marissa Reigel

1204 Whiskey Road, Suite B

Aiken, SC 29803