

## **CITIZENS FOR NUCLEAR TECHNOLOGY AWARENESS**

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FOR IMMEDIATE RELEASE

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### **CNTA Accepting Applications for 2023 High School Essay Contest**

Local students have a chance to win up to \$1,000 in scholarships from Citizens for Nuclear Technology Awareness (CNTA).

CNTA's High School Essay Contest applications are open. High school juniors and seniors in Aiken, Allendale, and Barnwell counties in South Carolina; or Burke, Columbia, and Richmond counties in Georgia are invited to submit essays. High school juniors and seniors of CNTA members, regardless of their county of enrollment, are also eligible.

Three top awards of \$1,000 scholarships will be given, as well as up to five \$500 second-place awards.

The essay should be 1,000-to-1,500 words and discuss one of the following topics:

- *There are numerous applications of nuclear technology in the medical industry, such as radioisotopes for medical diagnostics or therapies. Some of these applications have been around for many years, and other innovations are being developed. Discuss at least two (2) uses of nuclear technology in medicine and their impact on the medical industry.*
- *There are many differences between the generation of greenhouse gases from various energy sources, such as wind, solar, and fossil fuels compared to nuclear energy. Discuss the differences in greenhouse gas generation between these sources and nuclear energy. Consider the "cradle-to-grave" cycle of each energy source.*
- *Nuclear technology is being used in emerging technologies, such as supporting habitation in space, and producing energy via small-modular reactors and micro-reactors. Discuss the use of nuclear technology in emerging technologies and the potential impacts of these uses on society.*

"Successful essays require students to integrate science, technology, social understanding, and language arts," said Jim Marra, CNTA Executive Director. "Researching a technical topic, relating the information to society, and effectively communicating the information are great skills for any high school student to practice and demonstrate. The CNTA Essay Contest provides an incentive for the development of written communication skills that are vital to continued success in education and in the workforce."

The deadline to submit essays is February 28, 2023. Contest winners will be recognized at the 2023 Annual Edward Teller Banquet.

The essay content flyer, rules, and entry form are available on CNTA's website at: [cntaware.org/high-school-essay-contest](http://cntaware.org/high-school-essay-contest). For additional information, contact Jim Marra at [cnta@bellsouth.net](mailto:cnta@bellsouth.net) or (803) 649-3456.

*CNTA is an Aiken-based charitable educational organization dedicated to providing factual information about nuclear topics and educating the public on nuclear issues. For further information, call CNTA at 803-649-3456 or e-mail at [cnta@bellsouth.net](mailto:cnta@bellsouth.net).*

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