



ANS



ANS

Mission

The American Nuclear Society provides its members with opportunities for professional development, serves the nuclear community by creating a forum for sharing information and advancements in technology, and engages the public and policymakers through communication outreach.



ANS Nuclear Cafe

All Things Nuclear

HOME

ABOUT (AND ARTICLE GUIDELINES)

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ANS Nuclear Cafe

The official blog of ANS. Ranked by Technorati as a Top 100 Green blog.

Features perspectives of ANS members and updates and developments of interest to ANS members and other nuclear advocates.

RECENT POSTS

- [Nuclear Energy Blogger Carnival](#)



Nuclear Energy Blogger Carnival 197

Posted on [February 24, 2014](#) | [Leave a comment](#)



The 197th Carnival of Nuclear Energy Bloggers and Authors has been posted at The Hiroshima Syndrome. [You can click here to access this latest installment](#) of a long running tradition among the top English language pro-nuclear bloggers and authors.

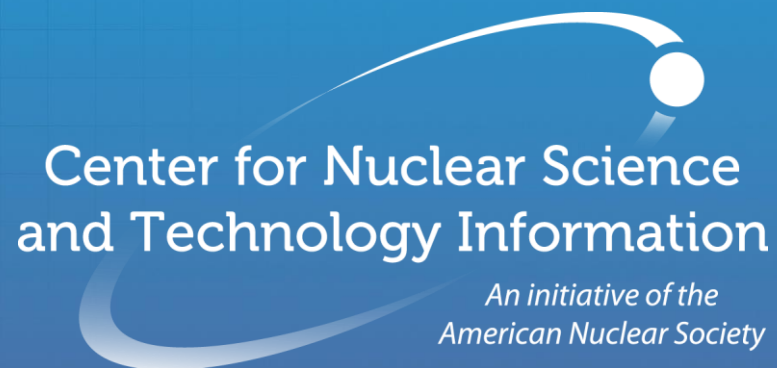
Each week, a new edition of the Carnival is hosted at one of the top English-language nuclear blogs. This rotating feature of nuclear “posts of the week” represents the dedication of those who are working toward a future of energy abundance, improved health, and broadened security through nuclear science and technology.



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Inform. Engage. Inspire

Inform. Engage.
Inspire.

As an initiative of the American Nuclear Society (ANS), the Center for Nuclear Science and Technology Information was conceived to increase understanding of the basic science of the atomic nucleus. Our focus is on the principles of nuclear science and technology, and how brilliant people are employing these principles to improve the human condition. Our goal is to change the conversation about nuclear.

In the Classroom

[Home](#) / [In the Classroom](#)

Latest Resource

ANS has grade-appropriate resources and project materials available for teachers that explain the many uses of the atom and the vital role of nuclear technology. Electronic versions are complimentary and teachers can request a single copy of any of our materials for free.

[Learn More >](#)

For Teachers



For Students



Science Project Ideas



In the Classroom

[Home](#) / [In the Classroom](#) / [For Teachers](#) / [Classroom Activities](#)

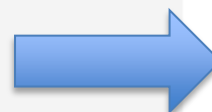
Add Nuclear Science to your curriculum

Classroom Activities

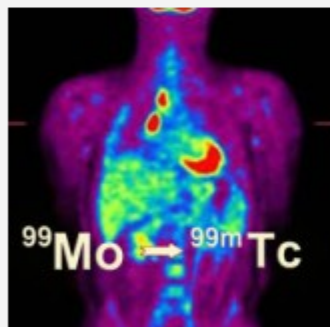


Mouse Trap Reactor

Description: The Mouse Trap Reactor is a visual representation of a chain reaction in a confined space. Useful as an analogy for an uncontrolled nuclear reaction. Background: The...

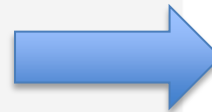
[See More >](#)

For Teachers

[Classroom Activities](#)[Classroom Resources](#)[National Nuclear Science Week](#)[ReActions](#)

How Radioisotopes Work

Materials: Jar of water colored food dye stalk of celery Directions: Place a stalk of celery in colored water. Watch it for a day or two. What happens? ...

[See More >](#)

Sign Up for ReActions

Sign up for ReActions™, the e-newsletter for nuclear science educators that offers teaching ideas and news in nuclear science and technology. It is published electronically between September and

[Sign Up >](#)

Public Resources





For a career that is

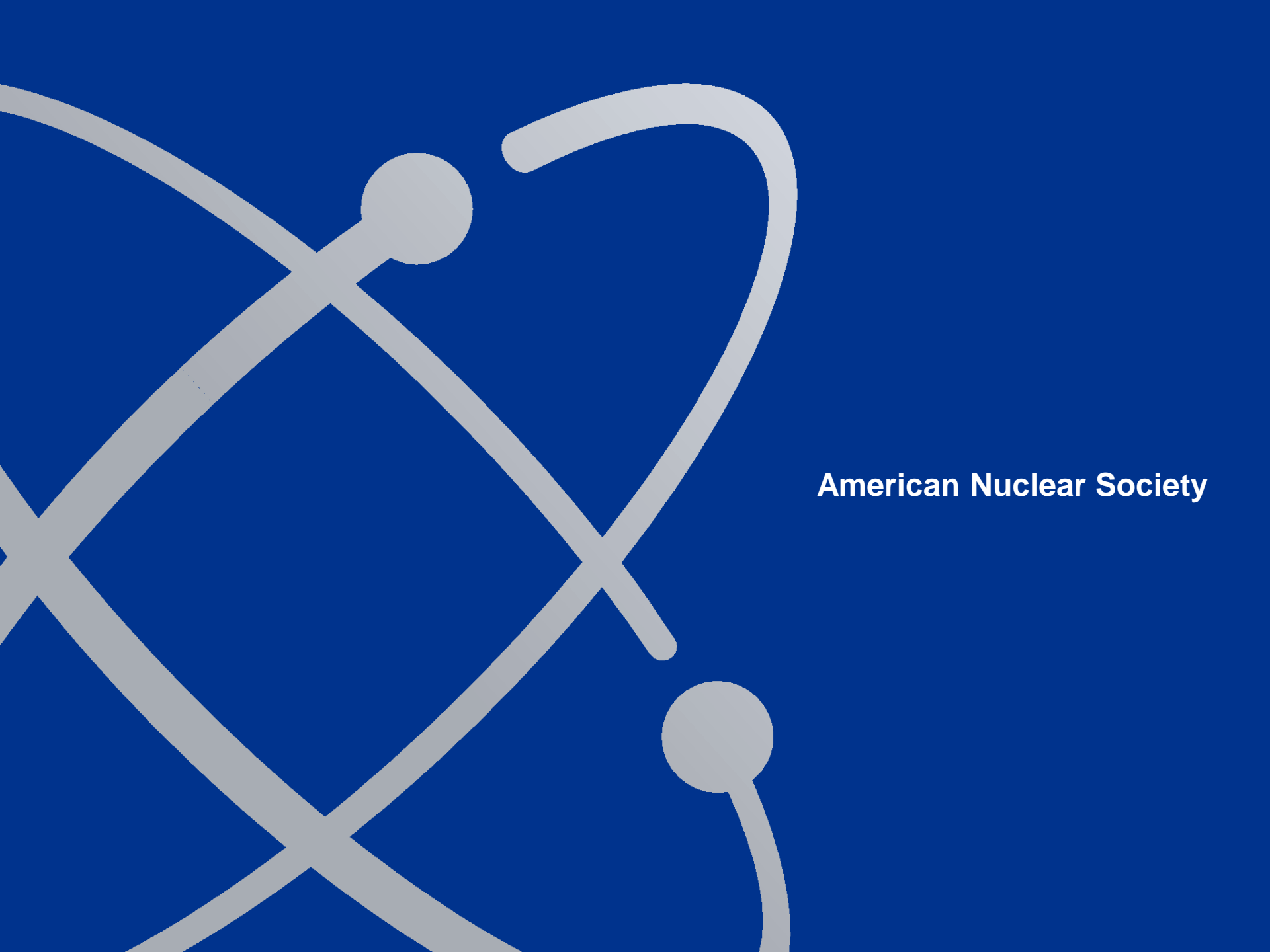
Rewarding & CHALLENGING & Exciting

Major applications of nuclear science and technology include:

- Archaeology and paleontology
- Art appraisal and authentication
- Crime investigation
- Energy
- Environment
- Homeland Security
- Medical Science
- Science education
- Research

These are exciting times for professionals in the nuclear science and technology field. New discoveries allow researchers and technicians

“ Nuclear engineering really is the intersection of policy and technology. I get to work with scientists, policymakers, and international partners to mitigate



American Nuclear Society