Thank You To Our Donors

January 1 – December 31, 2016

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We sincerely apologize for any errors or omissions.
Nuclear science and technology can be difficult for the general public to understand. In addition, there are often emotional, rather than scientific, factors that impact public opinion and perceptions about nuclear topics. That is why the work of the American Nuclear Society’s Center for Nuclear Science and Technology Information (the “Center”) is so important.

The Center makes the complex nuclear world easier to understand for non-scientists. We encourage and inspire accurate nuclear education for K-12 students and keep policymakers well-informed.

With a solid foundation established over the first six years of operation (2010-2015), we expanded the Center’s activities in 2016 to reach more policymakers, educators, students, and the general public. There is much more to be done!

I want thank all of those who generously donated to the Center in 2016. We are especially grateful for a $1 million donation from Carolinas Virginia Nuclear Power Associates. A significant donation from Southern Nuclear will make it possible for us to provide hands-on classroom tools for teachers attending our nuclear education workshops in the coming year. And the North American Young Generation in Nuclear (NAYGN) provided the funds needed for a K-12 Nuclear Energy Education Research Project beginning in January 2017. These and the contributions of more than a thousand individual, matching, and corporate donors during the course of the year have ensured the continuation of the Center’s core activities for the immediate future, presenting us with the opportunity to expand our work through ongoing and new donations.

I hope that you will read more about the Center’s accomplishments in this report. Please visit the Center’s website at nuclearconnect.org to take advantage of the information, materials, and services available there, and learn how you can get involved in the Center’s efforts to foster understanding of and support for nuclear science and technology.

Thank you for your encouragement and involvement. We look forward to another great year ahead.

Sincerely,

Dr. Andrew C. Klein
American Nuclear Society President (2016-2017)
The Center hired a full-time Education and Community Outreach Specialist in 2016 with a Masters in Teaching and classroom experience teaching STEM subjects. That experience is invaluable as we work to improve and expand our school and general public engagement.

With her involvement, the Center was able to offer Continuing Education Units (CEUs) for a nationally-hosted teacher workshop the first time in 2016. Nearly 30 Las Vegas area educators attended the session taught by volunteer nuclear professionals. Those who attend our national workshops receive Geiger meters and other tools to use in their classrooms. American Nuclear Society local and student sections that host teacher training workshops in their areas order handouts and are offered free Geiger meters through the Center. Teachers and others needing accurate nuclear information can find a variety of informational materials specifically designed for students or the general public on our website, including free downloads.

The Center actively reaches out to teachers nationwide and provides them with classroom activity suggestions, downloadable handouts, and links to reliable nuclear information through the ReActions newsletter four times per year to more than 6,000 subscribers (as of December 31, 2016), and a newly-created Pinterest page. Pinterest has become a popular resource for K-12 teachers.

Public Information Assistance (PIA) Program

The Center’s Public Information Assistance Program offers in-kind materials and small cash grants to American Nuclear Society local and student sections engaged in school and community outreach activities that meet the goals of the Center by fostering better understanding about nuclear science and technology.

Thirty-one sections that organized educational events applied for and received free materials through the PIA Program in 2016. Cash grants were awarded to four ANS sections based on their plans for innovative outreach activities during Nuclear Science Week in October.

For example, the University of Texas (Austin) ANS Student Section conducted a high-school laboratory experiment which required students to create ways of protecting a cookie—representing a nuclear fuel rod—so that it could survive a “crash” from a toy train. They also built a remote-controlled, computerized nuclear reactor model from Legos® to exhibit in schools and public outreach demonstrations. The Louisiana ANS Local Section extended their outreach in the Baton Rouge area by organizing a Girl Scout Get to Know Nuclear patch program.
Girl Scouts Get to Know Nuclear

The Center established the Get the Know Nuclear patch with the Chicagoland Northwest Indiana Girl Scout Council in 2015. Word of the patch is spreading, and we exceeded our goal to distribute 1,000 patches in 2016, with 1,454 ordered throughout the year.

New Information Materials

Members of the ANS Student Section at the University of Sharjah in the United Arab Emirates translated some of the Center’s public outreach materials into Arabic in 2016 to meet their local needs. These included the six bookmarks for young students, Top 10 Myths About Nuclear Energy, and From Harvest to Home, about how radiation technology is used to improve the food we eat.

Speakers Bureau

The Center’s Speakers Bureau grew to 80 active members in 2016. Training is provided for members who attend ANS national meetings to help them effectively present complex scientific information to non-scientific public audiences.

In addition to giving presentations in their local communities that create interest in and excitement for nuclear science and technology, they also answer written questions that ANS receives through the Ask an Expert section of nuclearconnect.org, primarily from K-12 students.

ANS in the News

An important element of the Center’s public awareness and outreach efforts is establishing strong relationships with the media who cover nuclear energy and other nuclear topics. This growing rapport has resulted in increased attention for ANS in nuclear media as well as national publications like Bloomberg, Politico’s Morning Energy Report, The Hill, and the Guardian.

With more than 100 placements in 2016, the Center is becoming increasingly recognized by the media as a reliable source of professional expertise on nuclear topics.
Nuclear in the States

In 2015, we established a Special Committee on Nuclear in the States to provide information to state policymakers on the benefits of new and existing nuclear energy plants. Our challenge was to present information to policymakers in a way that they would be open to reviewing and find easy to reference and understand.

The result was the first *Nuclear in the States Toolkit* (1.0), which was introduced on February 8, 2016, in Washington, D.C., at a press briefing that was also available via webinar for reporters who could not attend. The Toolkit contains information about existing policies that states could adapt to their individual energy situations, in a quick-reference format using easy-to-understand language. A 2.0 updated version of the Toolkit was released in June 2016.

The Toolkit received wide media and social media coverage. We also arranged for an op-ed to appear in *Governing* magazine online, reaching state and local governments. The toolkit was very well-received by policymakers and other interested parties. This led to then ANS President Gene Grecheck being invited to moderate a panel discussion at the May 2016 Department of Energy Summit on Improving the Economics of America’s Nuclear Power Plants.

Policy Roundtable Series

In 2016, the Center provided nuclear information to senior-level congressional staff members through a Policy Roundtable Series. The five sessions fostered discussion about advanced reactors, source security, low-dose radiation, nuclear exports, and nuclear waste repositories.

The roundtable series was developed following five years of in-depth Congressional Seminars that educated hundreds of Hill staff members about topics such as nuclear energy and uses of nuclear technology in food production and health care. More than 50 participants received certificates for completing the entire program series. Because most of the interested staff members had attended the seminar program, the roundtable format provided an opportunity to engage small groups in learning about and discussing current nuclear issues and policy options.
Financial Statement

2016 Program Expenses

Revenue and Expenses 2015-2016 (modified cash basis)

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<tr>
<th></th>
<th>2015</th>
<th>2016</th>
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<tbody>
<tr>
<td>Contributions</td>
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<td>Other Income (interest)</td>
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Balance Sheet Info December 31, 2016 (accrual basis)

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<thead>
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<tbody>
<tr>
<td>Cash and Investment Balance</td>
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<td>Liabilities</td>
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<tr>
<td>Temporarily Restricted Net Assets</td>
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<tr>
<td>Total Liabilities and Net Assets</td>
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