# **2018 ANNUAL REPORT**



The credible source of information on nuclear-related topics and technologies



# Presented at the Annual Members' Mixer

Membership Appreciation Night

March 26, 2019



**Event Sponsor:** 

**CNTA 2018 Annual Report** 

### **2018 ANNUAL REPORT**

#### Page 2



# 2018 **SCORECARD**

- Participated in more than ten STEM outreach events in South Carolina/Georgia. Published four editorial pieces and issued 20 news releases. - Engaged over 150 Young Professionals through the free membership program. - Improved social media presence through



Conducted Nuclear Blitz reaching over 1200 students across 63 classrooms in seven high schools.



Published insert to Aiken Standard for NSW reaching over 30,000 households. routine Facebook and Twitter posts.

Provided five TV and newspaper interviews on topics related to SRS.



Provided 10 Educators intensive three-day training during the Southeastern Summer Nuclear Institute.



Awarded more than \$10,000 in scholarships.

Held eight Up & Atoms averaging 100 attendees at each breakfast and a joint ANS/CNTA dinner event.

Initiated Tap into Nuclear mentoring events with participation of over 100 young professionals.



Hosted over 250 attendees at the 27th Annual Teller Lecture & Banguet.





## **Message from the Executive Director**

In 2018, CNTA continued our mission to provide objective information on the value of nuclear technologies to society. Throughout this annual report you will see examples of CNTA executing this mission thanks to our many volunteers and friends.

CNTA continues to have a positive impact in educating students, teachers and the public on all things nuclear. It is through the efforts of our volunteers that we are able to reach thousands of people each year. Thanks to all!

You will also note that our young professionals continue to be energized. We now have over 150 young professional members through the free membership initiative for those under 40! The "Tap into Nuclear" mentoring and networking events have proven popular with about 30 attendees at each event. Look for more activities in the future.

We continued our advocacy work through participation at several public meetings, interviews, and publication of editorial pieces in newspapers. This year our television presence increased dramatically. Marissa Reigel provided an excellent summary of our essay and teacher grant programs on a midday news program and I was interviewed several times on events occurring at the site. We also provided our support for current and future missions at SRS through editorial pieces in local and regional newspapers.

CNTA Executive Director James C. Marra

I am most excited about our increased social media and on-line presence this past year. Our outstanding intern, Lindsey Kennedy, set up our Facebook and Twitter accounts for routine posts regarding nuclear facts, events "on this date", and pertinent current events. So, follow us on Facebook and Twitter at @CNTAware. However, the crown jewel of our on-line presence is the launch of our new website. The efforts of Lindsey and Jeff Allender resulted in a new website that contains information important to our members and guests in a fresh new format - thanks so much to you both. Check it out at CNTAware.org!

Jim

## **Young Professionals Update**

## Waiting on Report from Committee Chair



## **Up & Atom Breakfast Speakers 2018**







January 24- "SRNL's Role in Homeland Security" Rick Reichel.

March 6- "Radioactive Wildlife" Dr. Jim Beasley.

**May 3-** "SRNL Updates" Sponsored by SRNS. *Dr. Vahid Majidi with Drs. Brenda Garcia-Diaz, George Larsen & Aaron Washington.* 

**June 13-** "Nuclear Innovation in Support of Mars Mission" Sponsored by BWXT. *Dr. Jonathan Citrain.* 

**July 25-** "What is SRR doing to get ready for the Salt Waste Processing Facility" Sponsored by SRR. *Tom Foster with SRR Interns Kenya Webb & Daniel Wintrow.* 

August 22- "State of SRS" Michael Budney

September 20- "The Future of Nuclear Energy-Plant Vogtle" *Michael McCracken* 

**November 14-** "Air Force Global Strike Mission Brief" *Dr. Rodney Miller* 



## **CNTA's 16th Annual Golf Tournament**



Twenty-six Teams played in the Captain's Choice-style tournament. Grand total, the players and sponsors helped raise over \$16,000 for CNTA's programs!

Jim Marra, CNTA Executive Director, said the tournament was a success.

"It was a beautiful day on the course for not only fundraising, but for fellowship as well," Marra said. "Thanks to generous donors, we were able to add a few new raffles and contests this year. These were new and fun ways to raise some extra money for the organization."

> Players also participated in drawings to win prizes such as gift certificates, free dinner, golf items, etc. The top raffle prizes this year included: a filled Yeti® cooler, a four-day stay at an Edisto condominium, a bracelet from Floyd & Greene Jewelers and tickets to the USC vs Clemson Football game.

#### **Congratulations to all our Winners!**

We look forward to seeing you again May 10, 2019!

#### Page 4

## **Activities of the Education Committee Volunteers**

## **SSNI & Nuclear Blitz**

Citizens for Nuclear Technology Awareness presented its annual Southeastern Summer Nuclear Institute at University of South Carolina Aiken's Ruth Patrick Science Education Center. For the last four years, CNTA has presented SSNI for area educators, including teachers, guidance counselors, and career advisors, sharing insights about the nuclear technology field and how to incorporate STEM concepts into K-12 curricula.



Participants this year came from all over the region and from all levels of education. Elementary, middle and high school educators, administrators, and representatives from adult continuing-education programs attended SSNI.

Workshop discussions included a variety of industry-related topics, including atomic and nuclear fundamentals, power generation, nuclear applications and career opportunities. In addition to workshops and discussions led by leading scientists and educators, participants visited area nuclear and education facilities including the Savannah River Site, Plant Vogtle and Aiken Technical College.

"I have taught physics for 10 years, and this workshop allowed me to delve into nuclear topics more deeply and to interact with veterans from the nuclear industry," said Robert Bennett, a teacher at Douglas County High School. "This has provided me resources that I can directly use in the classroom."

Samaritan Simmons, an accelerated 7<sup>th</sup> grade math teacher at Lakeside Middle School also spoke favorably about the workshop. "I was looking to learn more information on nuclear [technology] to clarify any misconceptions that I might have had. I learned lots of information in the presentations and tours that clarified misinformation that I had received. Teachers can't teach unless they understand the information and materials they are teaching. This workshop enhanced my understanding on a number of nuclearrelated topics."

CNTA also conducted a "Nuclear Blitz" throughout Aiken County High School chemistry classes again in 2018. This year handson demonstration on measurement and management of radiation and an illustration of dose rates we experience in our everyday lives accompanied the lecture material. Visits were made to 63 classes in 7 schools reaching over 1200 students! Thanks to the more than 25 CNTA members and friends who supported the teach-ins.



Screenshot from the winning video





# **CNTA Scholarships & Awards**

**Essay Contest** – Three area high school seniors each earned a \$1,000 cash prize in the 2018 CNTA High School Essay Contest. In addition each school received \$500. "The goal of the CNTA Essay Contest is to increase high school student awareness of nuclear technologies and their impact on society," (Dr. Marissa Reigel).

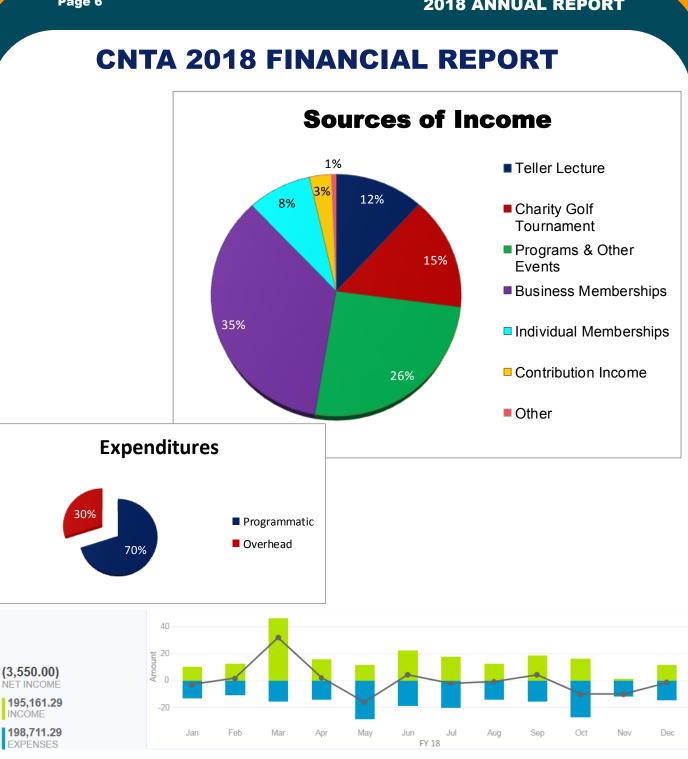
The winners were: Ankita Shah (Evans High School), Caleb Kerr (South Aiken High School) and Alex Bates (Lakeside High School).

<u>Video Contest-</u> A team from Stallings Island Middle School won the video contest for their entry "The Wrong Perspective: Nuclear Energy." For the winning entry, the school was awarded a GoPro camera with all the accessories at their school awards ceremony. All participating students were given a CNTA tee-shirt.

**<u>Aiken Technical College Scholarship-</u>** To commemorate the organization's 25<sup>th</sup> anniversary, CNTA established a scholarship at ATC for a deserving student enrolled in one of the nuclear programs. This scholarship is awarded to a student pursuing a career in a nuclear technology field. The winner in 2018 was Christopher Bruce of Johnston SC. He was a student in the Radiation Protection Technology Program and graduated in Spring 2018.

<u>Robert Maher Memorial Scholarship</u>. The \$5000 scholarship is awarded annually to a student who has demonstrated outstanding college-level academic achievement in nuclear science/ engineering or related fields. The 2018 winner was University of South Carolina student Lucas Dull. Lucas is a mechanical engineering major with a minor in nuclear engineering. He interned at SRS in the summer of 2018.

**<u>Fred C. Davidson Distinguished Scientist Award-</u>** Dr. Brian A. Powell was recognized as CNTA's 2018 Distinguished Scientist. Dr. Powell is the Fjeld Professor of Environmental Engineering and Earth Sciences at Clemson University. He was also named to a joint position with SRNL to advance research on environmental remediation and radioactive waste disposal.



Financial Report (As of 12-31-18)				
CNTA Checking Account		\$28,134.64		
CNTA Money Market Fund		\$53,466.73		
CNTA Endowment Fund		\$47,329.53		
	Total:	\$128,930.90		

# **THANK YOU TO OUR BUSINESS MEMBERS!**

## **Platinum**

SAVANNAH RIVER NUCLEAR SOLUTIONS SAVANNAH RIVER REMEDIATION CB&I AREVA MOX SERIVCES, LLC

## Gold

ARTHUR RICH CENTERRA-SRS FLUOR GOVERNMENT GROUP HUNTINGTON INGALLS INDUSTRIES



SILVER JACOBS

## Bronze

ATKINS BECHTEL BWX TECHNOLOGIES INC. ORANO SCUREF

Thank you

### **Business**

APPLIED RESEARCH CENTER (ARC) ECONOMIC DEVELOPMENT PARTNERSHIP MUNNS ADVISEMENT, LLC NORTH WIND GROUP RICKMAN GROUP SECURITY FEDERAL BANK SRS COMMUNITY REUSE ORGANIZATION

## Thank you to our Members Plus 2018!

David Del Vecchio Dealis Gwyn Bob Sindelar Eddie Estochen Frank Jordan

#### Page 8

# **EVENT SPECIFIC SPONSORS**

- AECOM
- Aiken County Council
- Aiken Technical College
- American Nuclear Society
- ASCO
- Charlie & Lyddie Hansen
- Dominion
- Janson Crane of Edward Jones
- Longenecker & Associates
- Nuclear Energy Institute

- Nuclear Workforce Initiative
- Parsons
- Plant Vogtle
- Ruth Patrick Science Education Center
- Savannah River Ecology Laboratory
- Savannah River National Laboratory
- SCE&G
- Southern Company
- U.S. Department of Energy
- University of South Carolina Aiken

# **THANKS TO THE VOLUNTEERS!!!**

CNTA as public charitable organization would not exist without its members and volunteers. Members are the lifeblood of any organization, and we (the Board of Directors, the staff, and volunteers) want to thank everyone who commits their time and/or resources to helping CNTA fulfill its mission.

<u>To our volunteers</u> CNTA doesn't operate without you. From hard-working committee members, to event organizers, to the board members—each of you are vital to our success and your support does not go unnoticed. **CNTA is proud to announce over 100 people volunteered last year with CNTA's programs and events.** 

It is impossible to list everyone who has volunteered this year, so we will not try.

To each of you- thank you, thank you!

# **CNTA Keystone Event: Teller Lecture & Banquet**

CNTA hosted its 27<sup>th</sup> Annual Teller Lecture & Awards Banquet on October 18, 2018. The Teller Award winner was Dr. Jose N. Reyes, Jr. Dr. Reyes is the co-founder and Chief Technology Officer of NuScale Power. He is the co-inventor of the NuScale small modular reactor (SMR) with over 110 patents granted or pending in 20 countries. He is an expert on nuclear plant scaling, passive safety, and testing. He is Professor Emeritus and former head of the Department of Nuclear Engineering at Oregon State University (OSU). He was the OSU principal investigator for the Westinghouse AP600 and AP1000 design certification test programs. He is also an ANS Fellow and Member of the National Academy of Engineering.

Dr. Reyes provided an enlightening lecture on the status of NuScale's SMR development efforts. He also energized the crowd on the promise that the SMR technology can offer to the world's energy needs and the myriad opportunities to apply SMRs to industrial applications.

Dr. Edward Teller presented a public lecture in Augusta, GA in 1992 and allowed CNTA to name its annual lecture and banquet in his honor. The Annual Teller Lecture and Banquet is CNTA's largest community outreach activity. The audience primarily consists of community leaders, elected officials, and nuclear professionals. Some high school and college students also attend courtesy of corporate and college donors.





Citizens for Nuclear WHO WE ARE AND WHAT WE DO

CNTA is THE credible source of information on nuclear-related topics and

technologies including:

# nal Securit Nuclear Medicine & Diagnostics MEDICAL APPLICATIONS OF RADIATION Industrial Applications

including

**Food Irradiation** 

- Founded in 1991, CNTA is a non-profit, grassroots citizen's organization.
- Our mission is to promote and defend the safe and effective uses of nuclear power, nuclear research, and nuclear medicine.
- We are the voice of *expertise* and *knowledge* in a world often influenced by Inaccurate and unwarranted fear.
- We are the silent majority who support nuclear as a 'way to go green'
- We advocate for missions at the Savannah River Site and support Plant Vogtle expansion.
- Education Outreach
- · Lifelong Learning opportunities
- Nuclear Blitz to high schools
- Future City sponsor
- High School Essay and College Scholarship Awards
- Educator Grants Program
- · Teacher Workshops
- Educational Groups
- Public Education
  - · Letters to the Editor
  - · Guest Columns
  - · Presentations to Civic and Educational Groups

Events

- · 'Up & Atom' Breakfasts
- Costume Ball by Young Professionals
  "Tap into Nuclear" Evening Mentoring
- · Annual Edward Teller Banquet
- Annual CNTA Golf Tournament
- · Members' Mixer
- Member Perks
  - · Networking with industry professionals from around the world
  - · Interaction with speakers of regional, national, and international acclaim
  - · Mentoring with experts in your field and company executives

CITIZENS FOR NUCLEAR TECHNOLOGY AWARENESS 1204 Whiskey Rd, Suite B. Aiken, SC 29803 Call: (803) 649-3456, Email: CNTA@bellsouth.net Website: www.c-n-t-a.com, Facebook & Twitter @cntaware

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2019 MEMBERSHIP FORM

CIRCLE ONE:

**NEW RENEWAL** 

MEMBER PLUS-\$250	NAME:			
BENEFACTOR benefits PLUS recognition in printed CNTA materials and at events.	EMPLOYER:			
BENEFACTOR-\$125.00	Home Address:			
Members receive one Teller Lecture banquet ticket, one ticket to the private Speaker's Reception, invitations to all events, quarterly newsletters and free members' mixers.	CITY/STATE/ZIP CODE:			
	PHONE/CELL #:			
Patron\$70.00	EMAIL ADDRESSES: (YOU CAN HAVE NOTICES SENT TO HOME AND/OR WORK)			
Members receive invitations to all events, quarterly newsletters and free members' mixers.		Email is our main means of communication! Be sure to include us on your change of address list if you make any		
SUSTAINING —\$35.00		changes to your contact information.		
Members receive invitations to all events, quarterly newsletters and free members' mixers.	REFERRED BY: (Name & email address if known)			
Young Professional (Under 40) & Student FREE Membership! If interested, please mark below which committee you are willing to volunteer				
Same as Sustaining. Free membership for one year! (Can be renewed)	COMMUNICATIONS:	EDUCATION:		
<u>Sign up to be a YP Committee</u> <u>Member —&gt;</u>	YOUNG PROFESSIONALS:	TEACHER WORKSHOPS:		
Your support makes all	GOLF COMMITTEE:	GOLF TOURNAMENT:		
the difference! Help us	MEMBERSHIP:	SPEAKER'S BUREAU :		
increase public knowledge of	ENDOWMENT FUND: I wou Fund	Ild like additional information on how to gift to the CNTA Endowment		
all things nuclear and continue				
our mission of education.	We are a Non-Profit 501 (c)3 organization, Federal Tax I.D. #57-0953103; Dues and donations are tax deductible based on IRS guidelines			
To Pay by Check or Cash: Mail to address listed below. To Pay by Credit Card: Pay online at our website, or complete the form below then email this form to us at cnta@bellsouth.net. (financial information will be stored and destroyed appropriately)				
CNTA, 1204 Whiskey Road, Suite B, Aiken SC 29803 Phone: 803-649-3456; Email: cnta@bellsouth.net Website: <u>www.c-n-t-a.com</u>				
For Internal Use Only: Date received:	Check/Cash	Check # Credit Card Charge: (Yes/No)		
IF PAYING BY CREDIT CARD:		de:Amount to Charge:Today's Date:		
Card Number:Security Code:				
I hereby Authorize CNTA to Charge my card for the amount listed above (Sign here)				
Note- Receipts emailed! If you want it to a different address, please provide here:				

Page 11

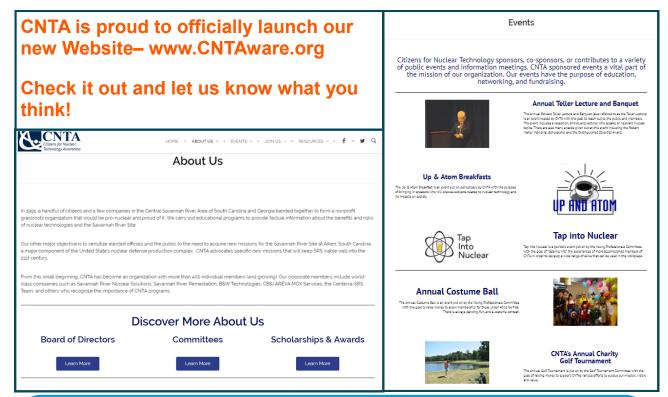
	C N T A Charity G Tourname	DLF
Tournament Heritage Spor	isor	Sponsorship and Team Options
JOIN US FOR A GREAT DAY OF G BUSINESS ASSOCIATES, FRIEND COWORKERS! DATE: MAY 10, 2019 PLACE: HOUNDSLAKE COUNTRY CLUB, TIME: REGISTRATION OPEN AT 7:30AM SHOTGUN START AT 8:30AM CAPTAIN'S CHOICE FORMAT TOURMAN (HANIDCAPPED)	AIKEN SC	<ul> <li>PRIZE/BEVERAGE SPONSOR - \$1800. Includes: 2         <ul> <li>Foursomes, Banner Displayed, On-Site Signage, Recognition in Ads, Recognition in Sponsor Slideshow.</li> </ul> </li> <li>HOLE SPONSOR - \$800.00. Includes: 1 Foursome, On-Site Signage, Recognition in Ads, Recognition in Sponsor Slideshow.</li> <li>FOURSOME - \$400.00. Team of 4.</li> <li>SINGLE PLAYER - \$100.00.</li> </ul>
Preferred Team Name           Player #1           Name:           Email:           Handicap:           Player #2           Name:           Handicap:           Shirt           Player #3           Name:           Handicap:           Shirt           Player #3           Name:           Handicap:           Shirt           Player #4           Name:	Size (M or W): Size (M or W):	

Handicap: \_\_\_\_\_ Shirt Size (M or W): \_\_\_\_\_ Note: We MUST have shirt sizes if you would like to receive a free shirt

**Finalize Page just before printing– Put Sponsors Here** 

## **Community Involvement: Early 2019**

- Spoke with Aiken Board of Realtor representatives about the realities of MOX layoffs on housing marking.
- Interviewed by WRDW about MOX layoffs and Pit Production planning at SRS on 3 occasions.
- Had an Up & Atom in North Augusta featuring NNSA Field Office Manager Nicole Nelson-Jean. Held an Up & Atom sponsored by Jacobs on Cyber Security.
- Hosted delegation from Japan at the CNTA office.
- Kicked off Tap Into Nuclear Series for 2019.
- Judged at Future City and presented a special award for "Best Use of Nuclear".
- Organized a Lifelong Learning class at USCA focused on SRNL- "Supporting our Nation and World".
- Interview by WJBF about Essay Contest and Educator Grant Program with Education Chair Dr. Marissa Reigel



# **CNTA CALENDAR OF EVENTS**

March 26, 2019- CNTA Members' Mixer & Annual Report. 6-8pm at Newberry Hall in Aiken SC.
April 25, 2019- Tap into Nuclear. 5:30-7pm at Aiken Brewing Company in Aiken SC.
May 10, 2019- 17<sup>th</sup> Annual CNTA Charity Golf Tournament!
June 12, 2019- Up & Atom – "Nuclear Research at South Carolina Universities" 7:30am at Newberry Hall in Aiken SC.
July 24, 2019- Up & Atom- "SRR Interns" 7:30am at Newberry Hall in Aiken SC.

### FINALIZE JUST BEFORE PRINTING

Join CNTA and get our Calendar of Events emailed to you! Email us: CNTA@bellsouth.net

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