Newsletter American Nuclear Society Trinity Section

ANS Trinity Section, 3167 San Mateo Blvd NE #131, Albuquerque, NM 87110

Summer 2019

This year's

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and Dylan

Weatherred.

http://local.ans.org/trinity/

UNM Student Section Update The UNM ANS Student Section had a very busy year, supporting 4 senior design projects at this year's ANS Student Conference, two winning best presentation in the Space Nuclear Division. Congratulations to Andrew Hahn and Ramda Galo for



May 2019 Dinner Meeting

The 21 May 2019 ANS Trinity Section dinner meeting, which also served as our annual business meeting and introduction of new officers, was held at the National Museum of Nuclear Science & History, Albuquerque, NM. Our speaker was Dr. Thomas (Thom) Mason, Director of Los Alamos National Laboratory and President/CEO of

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October 2018 Dinner Meeting

The 12 Oct 2018 ANS Trinity Section dinner meeting was held at the Drury Plaza Hotel, Santa Fe, NM. Our speaker was Patrick McClure, Kilopower Team Lead, Los Alamos National Laboratory. His topic was "Kilopower — Powering a NASA Mission to Mars." The meeting was attended by 56 people. Pat projected a very interesting

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who attended over 20 ANS events

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November 2018 Dinner Meeting

The 30 Nov 2018 ANS Trinity Section dinner meeting was held at the Courtyard by Marriott, Santa Fe, NM. Our speaker was James (Ed) Garza, Assistant Manager for WIPP Operations, EM Carlsbad Field Office, DOE.

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Annual Election

Results of our 2019-20 elections: Vice Chair / Chair-Elect, John Bliss, LANL (one-year term, then advancing to Chair); At-large members, Chris Perfetti, UNM, and James Tutt, LANL (3vear terms). Also, Matthew Jasica (SNL) has been appointed to fill the remaining portion of an unexpired At-

(ELECTIONS, continued on page 2)



March 2019 Dinner Meeting

A joint dinner meeting between ANS Trinity Section and Rio Grande Chapter HPS was held 1 Mar 2019 at the Albuquerque Marriott Pyramid North, Albuquerque, NM. Our speak-

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Volunteers Needed

We currently have two committee chair vacancies: Public Information / Outreach and Membership. If you have an interest in helping on the management team of the Section, please contact any of the Executive Committee members (see box on page 2).

We also need individuals to be committee workers, to support public

(VOLUNTEERS, continued on page 2)

Fundraising

As a result of the proceeds Trinity Section earned from our work on three recent ANS Topical meetings, plus several generous private donations, we have been able to accomplish several things in our public information and outreach program and in our support for the students of the UNM Student Section.

(FUNDRAISING, continued on page 2)

Gold & Silver Awards

Nine of our members received gold (50-year) or silver (25-year) membership certificates from ANS National this year. They will be honored at a future Section dinner meeting.

Gold:

Lloyd Bonzon, Albuquerque Dr. Alan M. Chodorow, Albuquerque

Silver:

Dr. Patrick J. Griffin, Albuquerque Dr. Christen M. Frankle, Los Alamos Dr. Paul W. Lisowski, Los Alamos John A. Bounds, Santa Fe Dr. Santiago A. Parra, Santa Fe John L. Bliss, White Rick Dr. William L. Myers, White Rock

(VOLUNTEERS, continued from page 1)

information / outreach (e.g., as science fair judges, career day speakers), to work specific jobs (e.g., inspector of elections), to help with program planning and execution (e.g., arranging for dinner meeting speakers, organizing informal social gatherings), to work on the Organizing Committees for ANS Topical Meetings we host, etc. Volunteering for one of these committee or special project opportunities is a great way to learn more about ANS Trinity Section and to see where your talents can be best used.

(MOSELEY, continued from page 1)

er was Susie Moseley, BS, RT(R); Education and Curriculum Coordinator, American Society of Radiologic Technologists. Her topic was "Radiologic Technology: Discovering the Inside Story." The meeting was attended by 42 people. Susie discussed the evolution of radiologic technology, basic imaging principles and modalities, medical applications, and the role of the RT in patient care.

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large term (2-year appointment). The Board has also appointed James Pike (LANL) to fill the remaining portion of the unexpired term of Secretary (a 2-year appointment).

The Board also offers its sincere appreciation to our members whose terms have come to a close—Evelyn Mullen, Lauren Crabtree, Markku Koskelo, and Matt and Suzanne Dennis—for their services.

Other Section Social Activities

In addition to the Section's periodic dinner meetings with speakers, we have also been experimenting with other "less formal" activities for our members. We have hosted a happy hour and nuclear trivia night at Un-Quarked in Los Alamos. There was a visit to Santa Fe for the screening of the movie "Command and Control," preceded by a happy hour. In Albuquerque, some members gathered for a no-host dinner and movie night. If you have ideas for other informal gatherings, and would like to help organize one, please contact any of our Executive Committee members.

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- \$550 in total awards in the name of the Section in NM local, regional and state-level science fairs.
- Two \$500 scholarships for members of the UNM Student Section.
- \$3,000 in travel assistance for UNM Student Section members to attend and present papers at the annual ANS Student Meeting.
- Small amounts of financial assistance to help defray costs of the UNM Student Section for their annual fall BBQ and open house, outreach activities, and similar events.

Please see the "Fundraising" page on our web site for additional information. ANS Trinity Section is a registered IRS 501(c)(3) corporation, so donations are tax deductible. ANS Trinity Section can also be designated to receive donations through employee giving programs. We are also exploring the possibility of corporate sponsorships for specific Section activities.

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Triad National Security LLC. Dr. Mason's topic was "Accelerators: Pushing particles to revolutionize science and medicine." The meeting was attended by 57 people. Thom presented a very interesting tour through accelerator science, from the original post-war decision for UC to manage LASL through today's most cuttingedge research activities, including SNS, LANSCE, ECSE/Scorpius. DMMSC and MaRIE. In addition, the attendees had exclusive access to the Museum for the evening with docents available to interpret exhibits, access to the museum gift shop, and had the opportunity to review several of the posters that were presented by **UNM Student Section members at** the annual ANS Student Meeting.

Renew Section Membership

It's almost annual membership renewal time! All renewals after 1 Nov run through the following calendar year. Annual dues are \$15. Student and Emeritus members do not need to pay dues, just complete a Membership Form (on "Join" page) to confirm your contact information. At the bottom of the form, please tell us about your interests in the Section and any suggestions for Section programs / activities.

(McCLURE, continued from page 1)

slide show of historical LANL photographs provided by LANL Historian Alan Carr in the background during the dinner portion of the meeting. Afterward he presented a fascinating talk on the kilopower project's recent successes and on the potential for kilopower reactors as a viable alternative to solar power or radioisotopic thermoelectric generators (RTGs) and as a technology to satisfy the higherpower requirements of future missions to the moon and Mars.

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during the 2018-2019 school year. They demonstrated real dedication to community and outreach by both attending the Girl Scout and Art of Science outreach events! Congratulations Dylan and Alexander! In addition to running a very successful student section this past year, the UNM ANS section was awarded the first place ANS National Glasstone Award for Best Student Section in the country. This is an honor that UNM has never received before and they are incredibly grateful to have been recognized at a national level.

(GARZA, continued from page 1)

His topic was "WIPP and a bright future." The meeting was attended by 30 people. Ed discussed the site's construction and organization, air flow and air management systems, and plans for construction and management of additional areas.

2019-2020 Officers and Committee Chairs

Executive Committee:

Matthew Denman, Chair ('20), Kairos John Bliss, Vice-Chair/Chair-Elect ('20), LANL James Pike, Secretary ('21), LANL Pat McDaniel, Treasurer ('21). UNM Travis Trahan, Immediate Past Chair ('20), LANL Nancy Jo Nicholas, Previous Chair ('20), LANL Alexandria Ragsdale, UNM Student Section President, ('20)

Zachary Jankovsky, At-large ('20), SNL Matthew Griffin, At-large ('20), LANL Adam Hecht, At-large ('21), UNM Matthew Jasica, At-large ('21), SNL Chris Perfetti, At-large ('22), UNM James Tutt, At-large ('22), LANL

Committee Chairs:

[vacant], Public Information / Outreach, Bill Flor, Communications, LANL [vacant], northern Co-chair, Membership [vacant], southern Co-chair, Membership Tom Hirons, Emeritus, LANL (Retired)

To reach any of our Officers, visit our Directory at http://local.ans.org/trinity/directory.html .