# **Samuel Glasstone Award Submission**



# University of Florida American Nuclear Society Student Section 2016-2017

#### Summary:

It is with great pleasure that we present our submission for the Samuel J. Glasstone award.

This past year at the University of Florida has been an exciting one for our student section, all

culminating with the successful bid to host the 2018 student conference.



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# University of Florida American Nuclear Society Student Section



April 27, 2017

To whom it may concern:

I take great pleasure in strongly supporting the application of the University of Florida American Nuclear Society Student Section (UF-ANS) for the Samuel Glasstone Award. As a faculty advisor I have had the pleasure of observing and interacting with the creativity, drive and energy of the officers and members of the UF-ANS. I am very impressed with the vitality of the UF-ANS student section and its members in particular. This has really become apparent with last year's application for the student conference that the chapter put together, and received the decision to host the 2018 ANS student conference. And it has been my great pleasure to observe that the amount of participation to this year's application has increased significantly with a large buy-in all the way from sophomores to graduate student members.

The chapter is a very active one with a large number of outreach and activity events as detailed in full Glasstone award applications. Their fundraising has enables a vibrant program with participation from all levels of students really helping to create a cohesive connection between students that otherwise have little overlap between years and study-levels. They have also actively pursued additional funding for various events through ANS, UF and the student organization governments.

It is therefore with great confidence I am writing this letter of support as the current UF-ANS faculty advisor for the local student chapter to be considered for being awarded the Samuel Glasstone award for 2016/2017. I hope the award committee recognizes the outstanding efforts and goals of this organization when they consider candidates for the Glasstone award.

Sincerely yours,

Light after

Andreas Enqvist, Ph.D. Assistant Professor, Faculty Advisor UF-ANS enqvist@mse.ufl.edu 352 294 2177

# **1 INTRODUCTION**

The Nuclear Engineering Program (NEP) at the University of Florida has continued to grow this last year, with the addition of two full time faculty and several new funding sources. Similarly, the student section has kept pace with the department and has provided opportunities for professional development and social networking. Without a doubt the most exciting part of the last year was receiving a successful bid to host the ANS Student Conference. Everyone is extremely excited to host the 2018 student conference at the University of Florida, and have the utmost confidence it will be an incredible event. In addition to that large effort, we have maintained a presence on- and off-campus as an organization committed to academia and the community. Further evidence of this commitment can be seen in our section receiving third place in the ANS Student member-get-a-member campaign for most new recruits. In summary, the UF ANS Chapter had a productive year as the accomplishments in the Frame 1 highlight.

FRAME 1: UF ANS BY THE NUMBERS						
	Event	Quantity				
	Conference bids won	1				
	Tours attended	2				
	General body meetings held	7				
	Workshops organized	2				
	Conferences funded	3				
	Socials held	7				
	Money raised	\$1035				
	ANS Polos Sold	30				

# 1.1 EXECUTIVE BOARD

The Executive Board for our section consists of several officers: President, Vice-President (VP) Internal, Vice-President External, Secretary, Treasurer, Benton Engineering Council (BEC) Representative, and three members of the Board of Governors. In addition, we have several chair positions: Social Chair, Fundraising Chair, and Historian. This past year's executive board was unique in that there was a person on the board from every class standing, from freshman in college to a fourth year graduate student leaving with a PhD. The diversity in class standing greatly benefited the society, as there were many curated events that appealed to a broad cross section of the student population.



## 1.1.1 PRESIDENT

This year's President was Zander Mausolff, a second year graduate student pursuing a PhD in the NEP at the University of Florida. As President, Zander also worked as a co-chair on the student conference proposal and will be the technical program co-chair for the 2018 meeting. During the year Zander organized and hosted the General Body Meetings, put together a tailgate, organized several talks with outside researchers/professionals, and helped with the hotel arrangements for both the student conference in Pittsburgh and the National meeting in Las Vegas. In addition he was the student co-chair of the ANS NETS meeting in Orlando and one of the student co-chair's for the ANS Summer meeting in San Francisco. Daniel Arizaga, a rising senior, will be taking over as the President for the 2017-2018 year.

## 1.1.2 VICE-PRESIDENT INTERNAL

This year's Vice-President Internal was Kristin Smith, a junior in the NEP. Throughout the year, the VP Internal assisted with the organization of the general body and executive board meetings and with the coordination of the mentor/mentee program, a BBQ with other engineering organizations within the Materials Sciences and Engineering Department, the ANS Thanksgiving, and the ANS End of the Year Banquet. Rachel Bruenderman, a rising junior, has been elected as VP Internal for the 2017-2018 year.

## 1.1.3 VICE-PRESIDENT EXTERNAL

Oscar Espinoza, a graduating senior, and previous social chair, was the Vice-President External. He organized two tours; one to Kennedy Space Center at Cape Canaveral, FL, and the other to the Vogtle Nuclear Power Station in Waynesboro, GA. Michael Zahradnick, a rising senior in the program, has been elected as VP Internal for the 2017-2018 year.

#### 1.1.4 SECRETARY

This year's Secretary was Rachel Bruenderman, a sophomore in the NEP. She attended and took notes at all general body and executive board meetings. Through her efforts the UF ANS chapter received a grant from the ANS NEED Committee. The grant was used to fund an outreach event for the University of Florida's Engineering Week, which she helped organize and operate. Cesar Pozas, a rising sophomore, has been elected as Secretary for the 2017-2018 year.

## 1.1.5 TREASURER

David Lopez, a graduating senior, was the treasurer this year. He helped us secure funding from BEC and made sure all funding requests were processed in a timely and organized manner.



## 1.1.6 BENTON ENGINEERING COUNCIL REPRESENTATIVE

The BEC Representative, Juan Rios, a graduating senior, was responsible for being the face of ANS at the BEC meetings and events, and for communicating information between ANS and the BEC. The BEC for the University of Florida serves as an executive and legislative body for all engineering disciplines and societies within the university. Juan participated in various tabling and outreach events, and organized ANS involvement in this year's Engineering Week Fair. Additionally, Juan provided support for other activities throughout the year. Nick Berg, a rising senior, has been elected as BEC Representative for the 2017-2018 year.

### 1.1.7 BOARD OF GOVERNORS

The Board of Governors for this year were Dustin Popp, Lucas Rolison, and Paul Johns.

The Board of Governors for the 2017-2018 year are future NEP graduate students Tyler Askew and Daniel Ospina, along with Kristin Smith.

#### 1.1.8 SOCIAL CHAIR

Susan Stanfill, a rising senior, was the social chair for this year. She helped organized several of the social events for both on and off campus.

#### 1.1.9 FUNDRAISER CHAIR

Daniel Ospina, a graduating senior, who took over in the second semester, did an excellent job organizing three fundraisers. He organized the fundraisers at Brass Tap and World of Beer. Additionally, he helped order the polos for our section.

#### 1.1.10 HISTORIAN

Carson Beattie, an incoming freshman, showed an eagerness to join ANS right away as the historian. He helped keep records of our events and made the process of writing this Glasstone award much easier than in previous years.

#### 1.1.11 FACULTY ADVISER

We couldn't have our student section without our dedicated faculty adviser, Andreas Enqvist, an assistant professor in the Nuclear Engineering Program. Dr. Enqvist was always available for consultation, and attended many of the chapters meetings and activities. We look forward to having him as our advisor for the upcoming year as well.



# **2 OPERATIONS**

# 2.1 INTERNAL COMMUNICATION

To disseminate information to a large amount of students quickly we rely on a private Facebook group to communicate with our members. It provides the means to interact with current ANS student members and alumni at the same time. The Facebook group, ANS at UF, was used to notify members of events, general body meetings, tours, and socials, and to allow members to post interesting facts or questions for the benefit of the group. The link for the Facebook page is www.facebook.com/groups/ansgators/.

# 2.2 GENERAL BODY MEETINGS

Our chapter hosted General Body Meetings (GBM) at least once a month, on Wednesday nights. These provided an opportunity to discuss upcoming events, and brainstorm on what we want to do in the future.



FIGURE 1: General Body Meeting schedule for the fall semester flyer

## 2.3 EXECUTIVE BODY MEETINGS

Executive body meetings were held among members of the executive board. These were held approximately two weeks before each GBM. The first semester we held these once a month like GBMs, but for the second semester we started holding executive board meetings twice a month, as the organization of various activities required planning on a tighter time scale.



# 2.4 FINANCE

Our student section is fortunate to have funding sources from several areas. Such funding allows us to travel to the Winter annual meeting, student conference, provide food for our GBMs, hold tailgates, and other high quality events. The breakdown of our funding sources is provided in Table 2. The UF ANS student section has a spending account through Student Government (SG). The account with SG allows students to use ANS funds in a reimbursement type system, with approval required from both the President and Treasurer before funds can be allocated. The Benton Engineering Council (BEC) is an organization that serves as a liaison between the engineering societies and SG; BEC allocates funds, approximately \$1,400 each, to ANS for use for the ANS Winter Meeting and Student Conference. This year, \$700 was provided to the ANS at UF chapter for tour travel.

### FRAME 2: FUNDING BREAKDOWN

Source of Income	Amount (\$)
Benton Engineering Council	3,500
Department	1,000.00
ANS Northern Florida local section	3,000.00
Internal Fund raising	1,035.00



# **3 EVENTS**

# 3.1 OUTREACH

## 3.1.1 TECHNICAL CLUB SHOWCASE

As the name suggests, the technical club showcase is a means to highlight what ANS has to offer undergraduates and graduates enrolled primarily in engineering and sciences. Often students, particularly undergraduates, are interested to learn about nuclear engineering, since many are unaware it even exists on campus.



FIGURE 2: Showing off nuclear engineering at the technical showcase.

## 3.1.2 TABLE AT STUDENT ORGANIZATION FAIR

The Student Organization Fair is a chance for students to learn more about organizations they are interested in. It allows students to check out the 100-plus student organizations on campus, as well as talk to representatives from each. We had at least 5 students at any given time tabling and engaging with other students on campus.

## 3.1.3 ANS MIDDLE SCHOOL OUTREACH

To help promote public understanding of the benefits of nuclear technology, the American Nuclear Society Student Section at UF hosted several classes of local middle school students in a series of interactive activities. These activities consisted of teaching them the concept of radioactive decay using basic arithmetic, and demonstrations using Geiger counters. By completing both exercises, the students were able to learn more about nuclear concepts from senior





FIGURE 3: Several ANS Student members showing off their ANS/UF pride!

undergraduate and graduate student volunteers. Following the activities, the students were given assessments to document what they thought of the exercises.

## 3.1.4 NUCLEAR SCIENCE MERIT BADGE

On March 4th, local Boy Scout troops spent a day at the University of Florida in order to participate in workshops that help them earn merit badges. Out of the options to choose from, many of the scouts chose to attend the nuclear science merit badge workshop. This all-day event hosted scouts that ranged from sixth to twelfth grade, and they learned about many topics in this field, which include: different types of radiation, radiation measurement and detection, and nuclear fission. During the workshop, the scouts had a chance to tour the UF Training Re-





FIGURE 4: Volunteers teaching scouts about radiation detection

actor (UFTR), which is a 100 kW light water and graphite moderated reactor that is the only experimental reactor in the state of Florida. During the tour, UFTR Operator Matt Berglund showed the scouts the "Hot Cell", which is a chamber that irradiated objects can be placed in for observation.



# 3.2 UF ANS ENGINEERING WEEK OUTREACH EVENT FUNDED BY GEORGE A. FERGUSON GRANT

One of the longstanding goals of the chapter was to have a highly interactive and demonstrative activity that draws attention to nuclear science. This year, students in our section designed a display for teaching students about the principles of nuclear cross sections. The display consisted of a spinning target with different regions that represent common isotopes found in a light water reactor. The size of different regions on the target indicate the magnitude of the isotope's absorption cross section. Moreover, the target was attached to a spinning wheel in order to demonstrate the probability of interaction. Students were given the opportunity to use nerf guns to shoot at the target, representing thermal neutrons, aiming for the U-235 region. Through this game, and accompanying posters and displays, students learned about U-235 fission, absorption, and criticality, among other nuclear principles.





FIGURE 5: Future President Daniel teaching the students about nuclear cross sections.

The University of Florida's American Nuclear Society student section conducted this outreach event during the University's 'E-Week', or Engineering Week. During this week, there were two days designated for outreach activities – one day for high school students and the following day for middle and elementary school students - with the goal to educate youth about engineering fields and inspire them to pursue STEM degrees. The event was held in the Ballroom within the Reitz Union all day on February 21st and 22nd.

A total of 9 ANS at UF students volunteered to help run the nuclear engineering booth. The student volunteers led different stations in which the young participants could learn about different nuclear related concepts and devices. Two mock fuel assemblies borrowed from the UFTR were put on display along with sample fuel pellets. Through these interesting visual aids, student volunteers were able to provide the participants with a visually enhanced mini-



lesson on nuclear fuel. Additionally, radioactive clocks and glass were displayed. With a Geiger counter, participants could detect the radiation emitted by these harmless objects.





FIGURE 6: Engaging with students about nuclear science.

The elementary school students who visited the ANS booth found the activities fun and informational. Ultimately, the dozens of kids that came to our display each day had a good time and walked away knowing more about nuclear engineering and radiation than when they arrived. The interactive spinning fission target game, as well as the Geiger counter, provided the younger students with basic knowledge of atoms undergoing fission and the existence of radiation in the world around them. Our outreach event successfully impacted nearly a hundred young students who now have a better understanding of the people, science, and reality of nuclear.



FIGURE 7: Shirly teaching some interested kids about geiger counters!



## 3.3 INVITED SPEAKERS

#### 3.3.1 ALUMNI SPEAKER BRETT RAMPAL

Brett Rampal, NuScale Engineer and UF alumnus, discussed the fundamentals of the NuScale SMR design and offered insight into the current status of licensing efforts for reactors in the US. As a core designer, Brett also offered insight related to the design and safety analysis of nuclear reactors. Brett discussed a breadth of topics in nuclear engineering, including his professional career and how he got to his current position. Through this guest talk, ANS Student members gained a unique insight into current events in the US nuclear industry.

#### 3.3.2 DINNER AND TALK WITH MARK DEHART

Distinguished Idaho National Laboratory (INL) staff scientist Mark DeHart came to the University of Florida and gave a talk just for the ANS at UF student section titled "Coordination of Efforts Between Restart, Experimentation and Modeling for the Transient Test Reactor (TREAT)." ANS at UF worked with the local ANS Florida section to provide catering for attendees. Students were able to enjoy this activity at no expense as the local ANS section sponsored it, while the students of the UF section organized the talk. The talk lasted approximately one hour, and ended with audience questions regarding TREAT and life at the INL. The dinner with Dr. De-Hart was a unique experience for students to learn about research and the experience of working at a national laboratory.





FIGURE 8: Mark DeHart on the left, and the flyer sent out to students/faculty about the event.



## 3.4 FUNDRAISERS

#### 3.4.1 21+ SOCIAL FUNDRAISERS

During the school year, there were two events that helped raise money for the ANS student section. The first fundraiser was at a bar called The Brass Tap, and it offered a discount to whomever donated to the student section. The second fundraiser was at the World of Beer bar, where similarly a portion of drink proceeds were donated to the ANS at UF student chapter. For the Brass Tap and World of Beer fundraisers, \$236 and \$86 were raised respectively.

#### 3.4.2 ANS POLOS

As a fund-raising opportunity, our ANS student chapter was able to design and sell ANS polos. By wearing these polos to conferences and other events on campus, we hope to promote ANS and the positive impact that nuclear energy can bring to our planet. Through this fundraiser, our organization was able to raise approximately \$300. Fundraising proceeds will be used to further promote our ANS chapter in its efforts to educate its members and the public.



FIGURE 9: ANS polos for our student section.



# 3.5 SOCIAL GATHERINGS

#### 3.5.1 MINUTE TO WIN IT: GRADUATE VS. UNDERGRADUATE STUDENTS

On August 25, 2016, approximately 30 current undergraduate and graduate students attended a welcome back games night. They were broken into teams of undergraduates and graduates. At random, one or two people, depending on the game, were picked to compete against each other and the clock in hopes of attaining ultimate bragging rights for the semester. Some of the games included Ping-Pong Tic-Tac-Toe, a three balloon juggle contest between two people, and a dice stacking game. The graduate team was able to attain a large lead heading into the last round; however, the undergraduate students were able to sneak out with the victory. The event was able to build a great sense of camaraderie among the students on each team as well as among everyone in attendance.





FIGURE 10: Students enjoying some silly "Minute to Win It" games.





FIGURE 11: Students enjoying a Saturday tailgate before a UF football game.



### 3.5.2 UF VS. KENTUCKY TAILGATE

An extremely large part of the culture on campus here at UF is football. During the football season, for every home game, there are thousands of people tailgating before the game. This year, ANS held a group tailgate for the members before the home game against Kentucky on September 10, 2016. Hotdogs and hamburgers were cooked on a grill, while tailgate games such as football, frisbee, and spike ball were played throughout the day. Above is a photo taken during the tailgate.

#### 3.5.3 ANS DE-STRESS POTLUCK

On December 9th, students gathered at a student's house and had an opportunity to enjoy a delightful potluck dinner together as well as several competitive games of pool. This event occurred right before finals week, and it was the perfect opportunity for students to take a break from their studies and enjoy each other's company.

#### 3.5.4 END OF THE YEAR BANQUET

This year's ANS end of the year banquet took place on April 12th, in Rhines Hall, the home of the Materials Science Department and the Nuclear Engineering program. At this end of the year banquet, our organization reviewed the past year and the accomplishments that our students were able to achieve; including various awards and graduation announcements. These awards were for the faculty member of the year, graduate student of the year, and undergraduate student of the year. The faculty member of the year was voted on by the students in the nuclear department, while the student awards were determined by the professors. This year's winners were Dr. Sedat Golouglu, Christopher Greulich, and Juan Sebastian Rios, respectively. Additionally, the incoming executive board was announced and the new president, Daniel Arizaga, was given time to reiterate what he plans to do in the coming year. Lastly, special recognition was given to Patrick Moo and Zander Mausolff for putting together a winning proposal for the 2018 ANS Student Conference. Nearly 50 students were in attendance this year as well as many of the faculty including: Dr. Jim Baciak, Dr. Andreas Enqvist, Dr. DuWayne Schubring, and Dr. Leigh Winfrey.

# 3.6 CONFERENCES

#### 3.6.1 SAVE THE NUKES LEADERSHIP SUMMIT

In late October, several pro-nuclear activists and students gathered in Chicago, Illinois to plan and take action in preventing the premature closure of existing nuclear power plants in the United States. Two of those in attendance were UF ANS members Patrick Moo and Zander



Mausolff. The event was organized by Environmental Progress, an advocacy group that supports the use of nuclear energy for addressing climate change and other environmental issues. Drawing attendees from several organizations and backgrounds, the event sought to unify these groups by addressing common concerns and creating a movement focused on saving our largest source of clean energy.

Several panel discussions and workshops brought attendees together to highlight the best ways for dealing with public perception, dealing with lawmakers on a state-to-state level, and overall best practices for advocacy. The weekend was capped off with a march on two special interest groups located in Chicago, which at the time were pushing against legislation that would prevent the closure of two Illinois nuclear power plants (Clinton and Quad Cities).

### 3.6.2 WINTER MEETING IN LAS VEGAS

The annual ANS winter meeting held in Las Vegas was well attended by UF students. Our student section was able to garner funds from the Northern Florida local section of ANS to support the housing cost of 15 ANS students. In total, there were over 35 students from UF ranging from sophomores to fourth year graduate students. Two students participated in the poster session and four students had papers accepted and presented the work in technical sessions.

#### 3.6.3 STUDENT CONFERENCE IN PITTSBURGH

The 2017 American Nuclear Society Student Conference, Dispelling Nuclear Myths, was held from Thursday, April 6 - Sunday, April 9 in Pittsburgh, Pennsylvania. Our student section sent 17 members to the conference in order to gain further knowledge of the current nuclear industry through opportunities such as a career fair, workshops, panels, technical sessions, technical tours, socials, and much more. Our student members attended several events including technical sessions ranging from nuclear in medicine to reactor physics and everything in between. Workshops outlined the graduate school process, how to advocate for nuclear energy. Technical tours of the Davis-Besse Nuclear Power Station, the Westinghouse Specialty Metals Plant, and socials were held all around the beautiful Pittsburgh area. The overall experience of the 2017 ANS Student Conference was exceptional. Our student section was able to bond by spending time together through various events at the conference. Many of our members established networking opportunities with potential companies for future internships, and possible jobs in the future. Most importantly, our student section learned an immense amount when it comes to how a student conference attendance is planned and conducted. Along with attending several student activities, our members devoted time with many members of the conference committee in order to further prepare for the 2018 American Nuclear Society Student Conference at the University of Florida.



## 3.6.4 NETS CONFERENCE

The Aerospace Nuclear Science and Technology Division of ANS hosted the Nuclear and Emerging Technologies for Space conference from February 27th to March 2nd at the Orlando Airport Marriott Lakeside hotel in Orlando, FL. This conference was hosted by the ANS Local Section for Florida, and was coordinated by the Section's Revitalization Chair, Katherin Goluoglu. Zander Mausolff served as the student co-chair. Patrick Moo was the website chair for the conference as well. In addition, Kristin Smith, and Daniel Arizaga volunteered during the conference and assisted in setting up technical sessions and registering attendees.

## 3.7 TOURS

#### 3.7.1 KENNEDY SPACE CENTER

On October 14th, 2016 the American Nuclear Society Student Section visited the Kennedy Space Center in order to gain more information about engineering careers associated with Nuclear Engineering outside of the nuclear industry. The engineers who spoke to the students included NASA Radiation Protection Officer Kurt Geber, Environmental Management and Assurance Curtis Byrd, Charlie Venuto Director Environmental, Health and Safety, and Rod Nickell IMSS HP Mars 2020 Mission Director, who informed the students about the importance of nuclear safety culture within the organization and how it impacted the way the engineers worked when experimenting with different designs and projects involving radiation sources. These designs included a specialized type of nuclear battery which would have a relatively small activity but enough to cause substantial heat to warm the pilot chambers in outer space and to supply low voltage electricity to certain components of the spacecraft. This is possible due to the very low and inefficient conversion ratio from thermal heat to electricity. These batteries are of special consideration when thinking about extended missions to space.





FIGURE 12: Students posing at the Kennedy Space Center.

The students were encouraged to learn more about these projects in the KSC and NASA website, while touring the visitor center. The engineers also encouraged the students to join



the Health Physics Society, part of which Kurt Geber is a director of, in order to learn about potential career opportunities within the field and within the health physics sector.

### 3.7.2 VOGTLE NUCLEAR POWER STATION

Students were given the opportunity to tour the two new AP 1000 reactors that are under construction at the Vogtle Electric Generating plant near Waynesboro, GA on March 24th, 2017. The majority of the tour consisted of driving through the current construction site for these new units. Students were able to see many primary and secondary system components first hand, including the reactor pressure vessel, steam generators, feedwater heaters, the pressurizer, the nuclear steam supply system turbines, the core makeup tank, and dryer and separator vessels. The students were also given a tour of the AP 1000 control room simulator. Additionally, the students were allowed to walk within 50 yards of one of the operating cooling towers for the two online units at Vogtle.



FIGURE 13: Posing with some 'cool' towers.

# 3.8 WORKSHOPS

## 3.8.1 LATEX RESUME BUILDING

For our student run LaTex workshop, students brought in their resume and a computer to learn how you can make a professional and highly modular resume with Latex. We used an online editor/compiler for LaTex documents. This workshop assumes no knowledge of LaTex. The goal was to transform your resume into a beautiful LaTex document!



John Doe Resumé title street and number – postcode city – country № +1 (234) 567 890 • क +2 (345) 678 901 • 团 +3 (456) 789 012 ⊠ john@doe.org • * www.johndoe.com • additional information				
Some quote				
Education				
Institution Degree, Grade Description	<b>City</b> year-year			
Institution Degree, Grade Description	City year–year			

FIGURE 14: Heading of the latex resume template students worked with

#### 3.8.2 MOOSE WORKSHOP

The local student section also hosted a workshop to teach faculty and students how to use the Multiphysics Object-Oriented Simulation Environment (MOOSE) program created by Idaho National Lab (INL). This is a simulation framework which is seeing increased application in a variety of fields requiring finite-element analysis; several well-known nuclear codes such as Rattlesnake, MARMOT and BISON are all built on MOOSE. Lab staff taught this course over several days, covering a variety of topics ranging from the fundamental coding principles of the environment to full-fledged fluid flow example problems. Throughout the workshops participants were able to follow along on their own computers and run the same exact problems that the staff members were demonstrating.





FIGURE 15: Sample of the training room used for the workshop.

# 3.9 STUDENT CONFERENCE PROPOSAL

This year, the UF ANS student section submitted a successful bid to host the 2018 ANS Student Conference. This success can be attributed to a large and diverse team of students from freshman undergraduates to long time PhD students. The student conference committee, shown in 16, is excited to host the nuclear engineering community in Gainesville to discuss "Nuclear



Equality in Policy, Energy Access, and Within the Engineering Community". More information for this student conference, along with the option to receive conference updates, can be found at the 2018 ANS Student Conference at UF website: www.ansstudentconference2018.com



FIGURE 16: The members of the proposal writing committee

# 4 CONCLUSION

In conclusion, the student section of ANS at the University of Florida has been able to maintain its momentum from previous years in areas such as public outreach and student tours while elevating and expanding student involvement in the nuclear community. This included attending topical conferences and policy summits, hosting relevant program workshops, and preparing and receiving a bid to host the 2018 ANS Student Conference. Ultimately, the goal of a student section is to foster the growth of students interested in nuclear engineering and help begin their careers as advocates for advancing and promoting the nuclear sciences. As illustrated in this submission, ANS at UF provides a platform for students to connect with one another and connect with the nuclear community.

