

## Who is WIN-TAMU?



The Texas A&M University chapter of Women in Nuclear (WIN-TAMU) is a university chapter of the U.S. Women in Nuclear (U.S. WIN) organization. Its mission aligns with U.S. WIN's strategic objectives to

- support an environment in nuclear energy and nuclear technologies in which women and men are able to succeed.
- provide a network through which the women in these fields can further their professional development.
- inform the public about nuclear energy and nuclear technologies.

WIN-TAMU seeks to provide professional development opportunities for its members while also reaching out to the general public both on the university campus and the surrounding local community.

The purpose of this poster is to share best practices and learning experiences promoting the career development and education of women in nuclear-related fields acquired over five years of existence as a chapter.

## Facts and Figures



- Established in 2010
- Current membership – 30
- Gender and major –
  - Half female, half male
  - Mostly nuclear engineering and health physics majors with some students from physics and other engineering disciplines
- Average number of events per year – 12
- Average number of students in attendance – 30

## Engaging the Future Nuclear Workforce

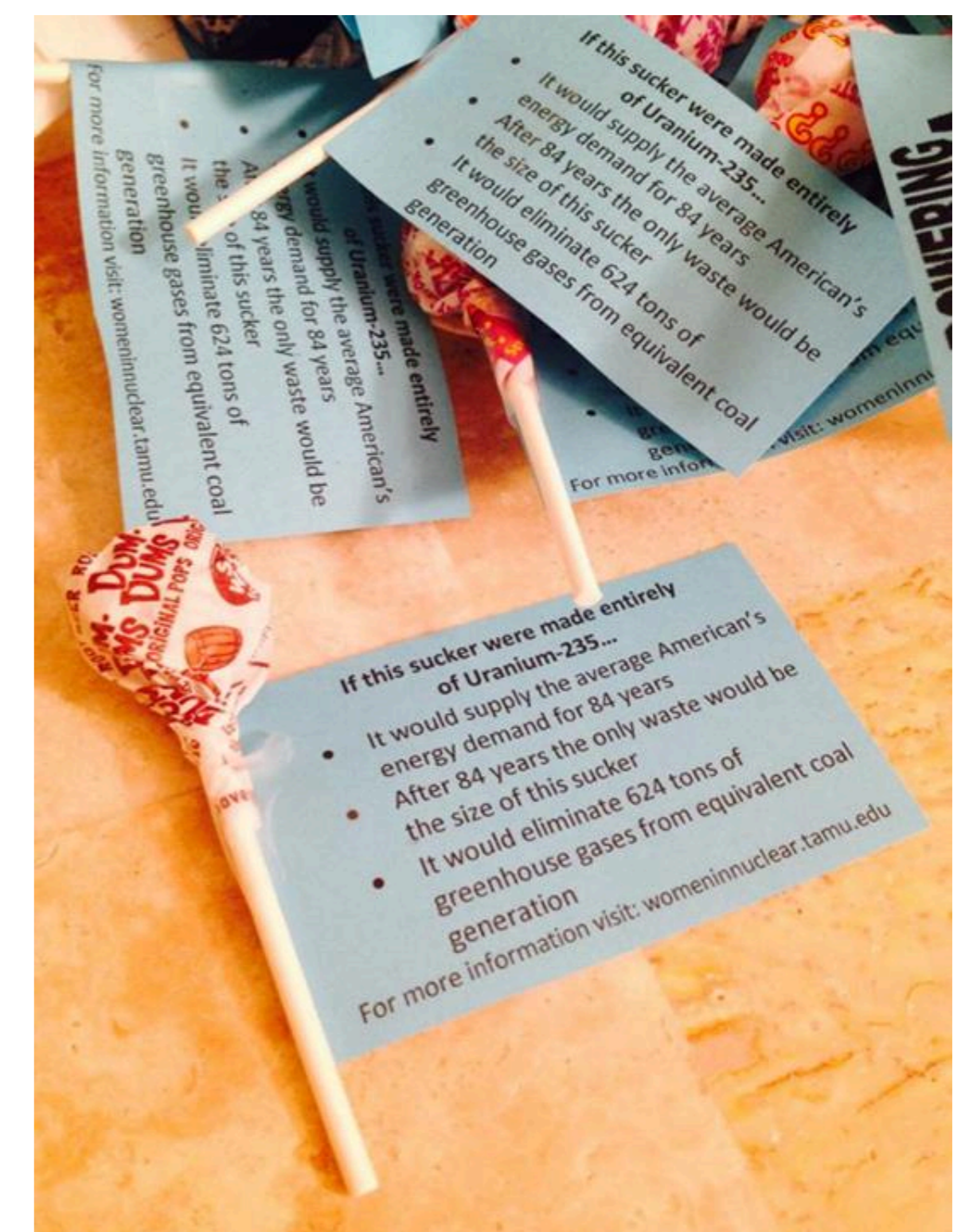
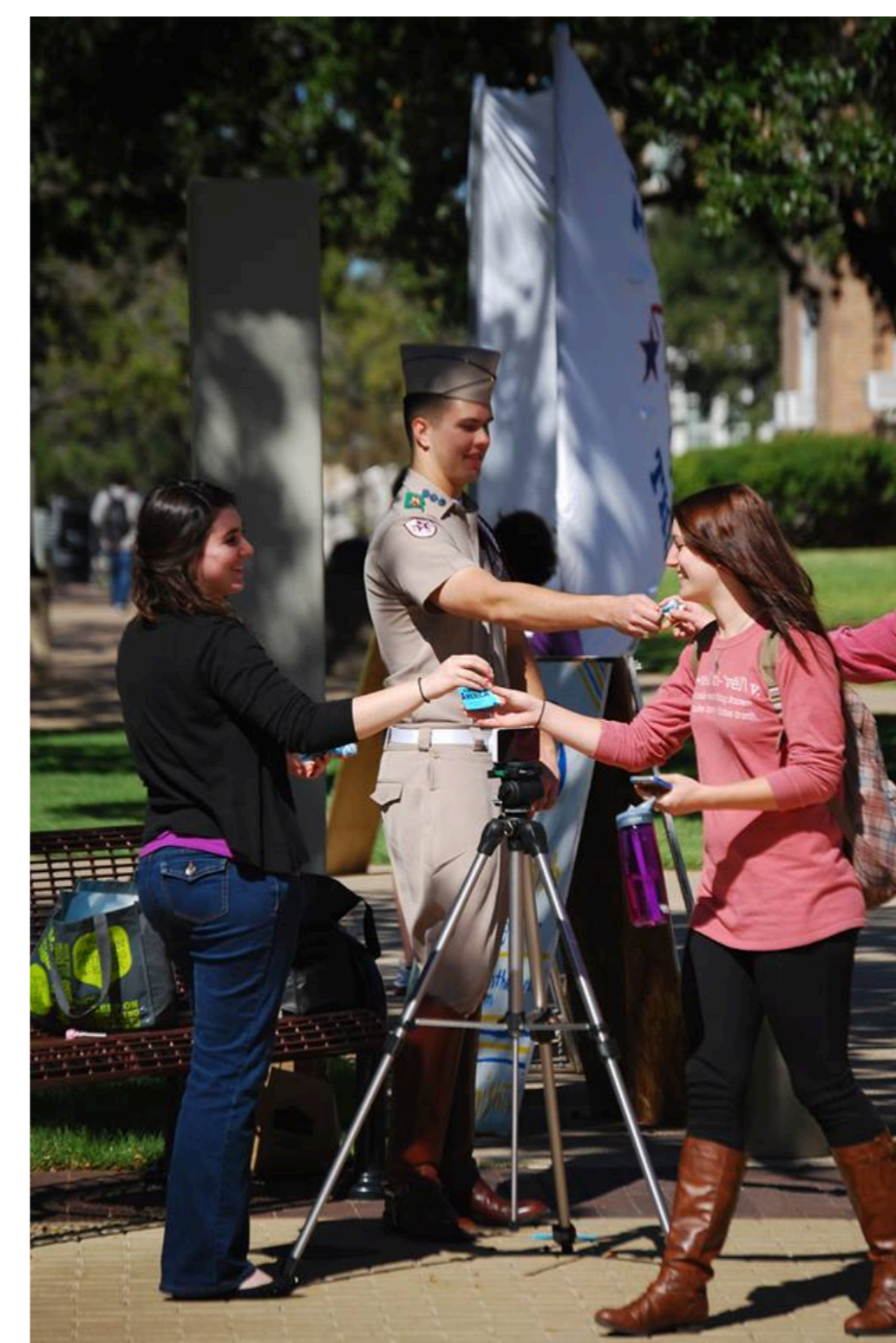
In addition to hosting events for its university student members, WIN-TAMU collaborates with the Nuclear Power Institute (NPI) by interacting with high school students in NPI's POWER SET programs. POWER SET (Powerful Opportunities for Women Eager and Ready for Science, Engineering, and Technology) provides young women with the educational tools and support they need to pursue education and careers in science, technology, engineering, and math (STEM).

The POWER SET students also interact with members of WIN at the two nuclear power plants in the state of Texas, Comanche Peak and South Texas Project. This tiered approach provides high school students with the perspectives of WIN members at various stages in their education and careers. As of the end of the 2014 school year, 81% of the 242 POWER SET students self-identified that they will pursue a STEM course of study (as opposed to the Texas and U.S. average of 15-17%). The POWER SET model has also recently been implemented internationally in the Philippines with a new program of 50 young women.



## Outreach Activities and Professional Development Events

WIN-TAMU annually participates in the U.S. National Nuclear Science Week (NNSW), held every October. Over the past few years, the chapter has organized several outreach activities as part of NNSW. These activities include screenings of *Pandora's Promise* and *Powering America* and distribution of lollipops outside of the main student center that have tags about nuclear power.



Additional outreach activities include presenting the basics of nuclear power and technology to local middle schools and holding nuclear science merit badge workshops for scouts.

A primary goal of the WIN-TAMU chapter is to further the professional development of its members. This is achieved primarily through biweekly general meetings with speakers from various companies including nuclear power utilities, nuclear technology vendors, U.S. government laboratories, and other international nuclear organizations. The topics of these meetings range from new technologies and political issues to gender equity, communicating technical issues to the public, and discussions of job opportunities and career paths.



WIN-TAMU is proud to provide its members with technical tours of a variety of nuclear-related organizations and facilities in the state of Texas, including

- MD Anderson Cancer Center
- National Center for Electron Beam Research
- Comanche Peak Nuclear Power Plant
- South Texas Project Nuclear Operating Company
- U.S. Nuclear Regulatory Commission Region IV office

Typically two members of the WIN-TAMU chapter attend the U.S. WIN national conference each year. By providing opportunities such as these, WIN-TAMU helps better prepare its members for employment upon graduation from university and inspires its members to engage with their local communities and share the positive aspects of nuclear power and technology.

## We want to get to know you!

WIN-TAMU is looking to interact with women in nuclear from countries all around the world! If you are interested in visiting our university or participating in a virtual meeting, please contact us via email at [ledrom@tamu.edu](mailto:ledrom@tamu.edu)

