1. **Elected Officers**

   - **President:** Haley Marks, hmarks@tamu.edu
   - **Vice President:** Madeleine Durkee, durkeems@tamu.edu
   - **Secretary:** Kevin Bellows, kbellows@tamu.edu
   - **Treasurer:** Andrea Locke, andrealocke88@gmail.com
   - **Outreach Chair:** Taylor Hinsdale, thinsdal@tamu.edu
   - **Webmaster:** Cory Olsovsky, colovsky89@gmail.com

2. **Current Members of student Chapter**

   - **Member Roster:** Brent Bielefeldt, Rodrigo Cuenca Martinex, Kokou Serge Dogbevi, Elvis Duran, Madeleine Durkee, Paul Gordon, Taylor Hinsdale, Brett Hokr, Po-Jung Huang, Wihan Kim, Josh Lalonde, Jeremy McAllister, Zhaokai Meng, Cory Olsovsky, Jose Rico-Jimenez, Mitchell Robinson, Jonathan Thompson, Maria Troyanova-Wood, Brian Walton, Hongjin Wang, Anna Wisniowiecki

   - **Alumni Roster:** *Currently unavailable*

3. **Chapter Activities**

   The Texas A&M student SPIE chapter focuses its efforts in optics demos and our weekly journal club. All funding received from SPIE goes to supporting these two programs. We use part of the money from our student activity grant to replenish our supplies for the optics demos we preform, as well as developing new demos. This past calendar year, we presented optics demos at the following events

   **A) Completed Activities**

   **Physics Festival 2015** Physics Festival at TAMU was a big success, and our chapter got to be a big part of that! We had a full room dedicated to the International Year of Light and had more than 10 demo stations for parents and children alike. Among the favorite stations were diffraction demos, jello optics, polarimetry with a 3D TV, and last, but not least, the laser maze. It was such a great success, and we plan on continuing this relationship with the Physics department and OSA to participate in the coming Physics Festivals.

   **NSF Biophysics Saturday** outreach to middle and high school age girls (audience of 30 high school students per session for 5 sessions) A faculty member at TAMU, Dr. Andreea Trache, has an NSF-funded grant to develop an outreach program for middle and high school aged girls that included five Saturday sessions on campus. The attendees first listened to a lecture by a professor from Texas A&M and then rotated through five 15 minute hands on sessions. Dr. Trache invited our chapter to run one sessions each Saturday. All of the demos that our chapter has prepared were presented at one of the Saturday sessions. Many students attended multiple sessions, so the total number of students reached is approximately 50-60.
**Aggieland Saturday** (audience of 400 high school students and parents) Texas A&M University has an annual recruitment day called Aggieland Saturday and the TAMU student chapter of SPIE was requested to provide demonstrations to represent the optics and instrumentation track to prospective undergraduate students and their families. We presented our more visually stunning demonstrations, including fish tank optics with a graded index at the bottom, optical activity, birefringence, ray optics of corrective lenses for near and far, and the optical transmission of audio signal to sixteen groups of approximately twenty-five people. These demos tried to highlight the career opportunities available to those who pursue a degree in biomedical engineering.

**Elementary School Science Night Demos** The Texas A&M University student chapter of SPIE has given ray optics and diffraction demos for multiple elementary school science nights. At each event, we are set up at a booth where children and parents are welcome to come up and view hydrogen and argon gas lamps with diffraction glasses to gain a better understanding of light diffraction. We also demonstrate how glasses and other lenses work with plastic magnetic lenses that focus parallel rays on different parts of a picture of an eye or a picture of a camera. These demonstrations are meant to inspire interest in young children about how light affects everyday life and encourage them to explore these interests both in and out of the classroom.

**Weekly Journal Club** Finally, we continue to host a departmental optics Journal Club. Journal Club provides graduate students with the opportunity to select and present on a scientific article related to their research to a group of peers in an informal setting. In effort to increase the attendance and quality of the presentations, we use portions of the student activity grant funding to provide snacks and refreshments at each meeting, as well as providing a dinner for all speakers once a year. We encourage biomedical engineering faculty to attend these presentations and engage in the discussion about the paper presented. These weekly meetings not only provide practice at preparing and delivering an oral presentation, they also provide students with exposure to current research in other areas of optics outside their own focus.

**Invited Speaker: Jean-Luc Doumont** After seeing Jean-Luc present at the SPIE leadership workshop, we thought that Texas A&M would benefit from hearing him speak. Using IYL funding, chapter funding, a visiting lecture grant, and some help from other student organizations at TAMU, we were able to get him here in December 2015! The event was a big success, with professors, graduate students and undergraduate students attending from departments across the university.

**B) Planned Activities**

**Physics Festival 2016** We are currently planning our room for the 2016 Physics Festival. We are keeping some of the favorite demos, be trying to bring in a few new ones. A recent favorite has been fluorescent lava lamps and UV fluorescence art. We are working on integrating these new demos into our SPIE room at the festival.
**Undergrad Summer Journal Club** Many of our graduate students are too busy during the summer with new undergraduates to mentor in the lab to be doing journal club. We normally have a summer hiatus for journal club, with maybe a few special talks. This year, we are planning on recruiting the undergraduates working with our graduate student members to do the presentations. It allows us to keep doing journal club through the summer, and the undergraduates get extra practice critically reading scientific literature and more practice presenting before their end-of-summer presentations.

4. **Financial Information**
   In March 2015, we received $2903 from the International Year of Light Activity Grant. After our IYL events and prior to receiving last year’s chapter activity grant, our balance was $164.54. We received $1100 from the 2015 SPIE Chapter Activity Grant The SPIE Chapter Activity Grant was used to provided refreshments and pizza for our weekly Optics Journal Club, and to help with the cost of a visiting lecturer. The IYL Grant to purchase supplies for building new optics demonstrations for outreach events and the upcoming Physics Festival. Our current balance (March 1, 2016) is $1,264.54.

5. **Picture from Chapter activities**