

**STEM Club Executive Meeting
September 18, 2015 10:30 am – 11:30 am**

Student Center SGA Office (STC-171)

MINUTES

I. Greeting

II. Club Fair

- a. Kimberly is now also volunteering, from 1:00 pm until 2:15 pm.
- b. If there are props present that you do not know how to use and are expensive (*e.g.* the microscope and micro-pipette), please avoid having them used when there is no one there who knows how to properly handle them. (*e.g.* Kimberly and Joe know how to use the biotech stuff.)
 - i. In general, just be careful with the equipment.
- c. Advertising, props, activities, *etc.* that have already been put in place:
 - i. Posters [see attachments]:
 1. One for the whole club. One for each of the four divisions.
 - a. The STEM Club poster will be taped to the center front of the table, with the Science Division poster being taped to the left, followed by the Technology Division poster, followed by the aforementioned STEM poster, followed by the Engineering Division poster, and finally the Mathematics division poster.
 2. These should be usable throughout the year for advertising, though it'd be nice to get a larger, foam poster made for the whole STEM Club. We will need event-specific advertising as well.
 - ii. We have a quiz [see attachment] made that will be completed by those interested in winning a Grub Bucks card. Participants who complete the quiz, regardless of score, will have their names recorded. Then, at the next STEM Club meeting (Sept. 25), we will do a drawing to determine who wins the card. (The winner must be present.)
 1. Coupons will be printed for this purpose, and we will record the names of each person who completes the quiz. We'll keep them for the next meeting.
 - iii. Props:
 1. Microscopes with specimen (insects and the like) in resin as well as a K-12 *E. coli* culture to examine.
 2. Bacteria genetically modified with pGLO and a UV light to see the effects.
 3. Micro-pipette(s) and a 96-well plate to practice using the instrument.
 4. Prof. Szczesniak should be providing us with a fractal or two (printed on foam board).
 - iv. Documents:
 1. Roster sign-up sheet for people to be added to the official roster and email list.
 2. Events from last year for people to get an idea of what we've done.
- d. Additional ideas discussed for props and activities:
 - i. Sell, demonstrate, or give out "solar bugs".
 - ii. Get some props from the club display cases in the STEM building, including:

1. Klein bottle
- iii. Bottle rockets and similar things have been discussed but are no longer an option due to time and other factors.
- iv. Brandon says he may be able to get some engineering props, and we're seeing if Professor Jozik might have any physics stuff.
 1. Note that we should probably get more stuff for the Technology division.
- v. Pictures:
 1. It would be nice to get some pictures from past events. There are some from the mathematics competitions, STEM Festival, Adopt-a-Highway, and some other events, though most of those are older and held in the STEM display cases.
- e. The SGA should have a staff parking incentive in place, and the winner will be determined in the same way as the Grub Bucks card, giving students two chances to win something.

III. Club Webpage

- a. The Facebook page and new club webpage were mentioned and briefly discussed.
- b. Joseph Heavner has already submitted various pieces of information and documents to be added to the webpage.

IV. Future Club Meeting Format

- a. As to avoid having people present at each meeting bored due to the fact that, for instance, a biology major may not want to hear much about mathematics competitions, we have decided to change the format to better account for the diversity of interests present while still maintaining unity.
- b. The decided format was to have meetings be one and a half hours with the first approximately 15 minutes being general club business, the next approximately 15 minutes being some sort of big group activity (whether that be discussion of something that encompasses all of STEM, a game of sorts, or something else – this should just be fun and inclusive), and the final hour being the four divisions meeting independently.
- c. Some people will be interested in more than one thing. To determine which division meeting they want to attend that day, they can see the agendas, and to get updates on multiple divisions, they can sign up to the mailing list for said division, where they will get emails regarding events, minutes from previous meetings, and more.

V. Future Meetings

- a. Our next STEM Club General Meeting will be on September 25, in STC-141, 10:30 – 11:30.
 - i. This will follow something closer to the old format, due to space reservations.
- b. Our next STEM Club Executive Meeting will be on October 2, in STC-141, 10:30 – 11:30.

VI. Open Discussion

- a. Brandon thought the catapult competition, which was discussed last year but never done, would be a great idea to do sometime soon.

VII. New Business

VIII. Adjournment

Minutes submitted by: Joseph Heavner

Minutes confirmed by: Darina Kantsavenka

RECORDED ATTENDANCE (x4):

Joseph Heavner (President)

Kimberly Lukasik (Chairwoman of Science)

Brandon Keplinger (Chairman of Engineering)

Haley Sites (Chairwoman of Mathematics)