

Forum on Student Members and Chapters

16-18 August 2021

Conducted by the
College Outreach Community of Interest

Welcome

Anne MacMillan

Chair, College Outreach Community of Interest

Pledge of Allegiance



Dedicated to National Security Since 1920

Day 2: Running a Successful and Sustainable Student Chapter

Facilitator:

Ron Welch – Vice-Chair for Academia Engagement and Senior Student Chapter Faculty Adviser for College Outreach COI

Guest Speakers:

Anne MacMillan

Charlie Li

Vivian Tsai



Objectives

- Discuss aspects of successful student chapters
 - Student leadership
 - Leadership development
 - Post relations
 - Faculty advisor and mentor requirements
 - Events vs Board meetings vs Presentation topics vs Chapter logistics /administration
- Record feedback
- Note best practices
- Report back to the membership



Goal 4. Enrich the STEM Pipeline for the Nation

Lead efforts to inspire, encourage, and enable youth to pursue STEM careers; help develop technical capacity that our national needs to remaining globally competitive.

Questions?

- Questions that will lead the discussion?

Setting up a student chapter

Setting up a student chapter

- Minimum number of officers: 5 (President, Vice-President, secretary/treasurer, Project Officers (2) – they coordinate the chapter meetings with speakers)
- 1-2 two-hour chapter meetings each semester with a guest speaker/tour, food, minimize presenting chapter operations minutia. Plan a semester out if possible, but at least two months out to allow for advertising a month out.
- One hour business meeting monthly with officers (invite others, but key discussions do not occur at the chapter meeting). Only present key information, events, dates, etc. at chapter meetings...max of 3-5 minutes.

Setting up a student chapter

- Minimum number of officers: 5 (President, Vice-President, secretary/treasurer, Project Officers (2) – they coordinate the chapter meetings with speakers)
- 1-2 two-hour chapter meetings each semester with a guest speaker/tour, food, minimize presenting chapter operations minutia. Plan a semester out if possible, but at least two months out to allow for advertising a month out. **Use Virtual Chapter meetings or past pre-recorded meetings to support local program.**
- One hour business meeting monthly with officers (invite others, but key discussions do not occur at the chapter meeting). Only present key information, events, dates, etc. at chapter meetings...max of 3-5 minutes.

Setting up a student chapter

- Attend sponsoring post regular meetings (students and advisor)
- Tour a facility
- Participate in local Wounded warrior/vets projects
- Do you compete with ASCE, ASME, IEEE, etc.? If so, work to be an integrator society by having speakers that speak to all disciplines. Know the names and contact information for all other engineering club leaders. Ensure they receive invitations to SAME events that have speakers that talk to multiple engineering disciplines. Co-sponsor a speaker/event.

Managing a student chapter/faculty advisor best practices

Managing a student chapter/faculty advisor best practices

- Officer meetings separate - monthly
- Weekly meetings with chapter president at a minimum to mentor leadership within the club. Can have all of the leadership (if desired or they want to be engaged). The weekly meetings to keep the key activities moving forward.
- Most likely need to help with locating speakers (use sponsoring post to help with this)

Managing a student chapter/faculty advisor best practices

- Most likely need to help with locating funding (from speakers, sponsoring post, money making activities)
- Build a leadership team...sophomore/junior to leadership workshop training at JETC
- Have each sophomore/junior officer (especially project officers) plan, advertise, execute, and write up events.
- Consider officer selections (junior leaders) in December so seniors can mentor during the spring. This also allows for the chapter to be fully staffed and able to start chapter activities immediately the fall semester.

Managing a student chapter/faculty advisor best practices

- If officers selected in the fall, there is a lag for getting the chapter events started. Consider having a junior selected as president so the outgoing senior officers are there to start the fall semester and mentor the new leadership team the rest of the year.
- Consider hosting a monthly meeting of leaders from each engineering student chapter to share ideas, make decisions on co-hosted meetings, share events to post to chapter members, etc.
- Have a number of laptops set up to have students attending the meetings that are not members sign up. Remember, it is free membership for our students*...to include normally free registration for all SAME conferences!

Chapter mentor best practices

Chapter mentor best practices

- Make connections with sponsoring post for speakers, speed mentoring, service activities, wounded warrior/vet activities
- Push for resources (pizza support for 4 meetings a year, travel support to JETC: 2 students (sophomore/junior), 1 faculty member, and 1 junior mentor)
- Push for support of students to attend post regular meetings (have companies sponsor a number of students for each post meeting to cover costs...6+)
- Recruit companies to support tours/internships/students at post meeting and travel to JETC

Chapter mentor best practices

- Have a fellow mentor junior chapter mentor
- Encourage an Officer of Student Chapter to have a seat/liaison on the Post Board
- Encourage student members to be on Post Committees

Relationship with Post

Relationship with Post

- Attend Post meetings and events (students, advisor, mentor)
- Locate service/wounded warrior/Vets events for post and students to participate in
- Resources (pizza support for 4 meetings a year, travel support to JETC: 2 students (sophomore/junior), 1 faculty member, and 1 junior mentor)
- 2 students to leaders workshop (sophomore/junior), mentor/advisor as well at JETC

Relationship with Post

- At least 1 tour (maybe one per semester)
- 6+ students at each meeting, sponsoring (maybe even the advisor as well)
- Dedicated scholarships for Members of Student Chapter
- Internships

Questions

- Additional Best Practices

Key Contacts

College Outreach Community of Interest

Anne MacMillan, Chair, annemacmillan@bluestoneenviro.com

Marilyn Zenko, Vice-Chair of Student Chapter Operations, Marilyn.Zenko@terracon.com

Christina Jettie, Vice-Chair of Communications, christina.jettie@hanaengineers.com

Tiffany Castricone, Vice-Chair of Events, Tiffany.Castricone@mbakerintl.com

Andrew Bates, Vice-Chair of Strategic Planning, andrew.bates@nyu.edu

Michael Scarano, Senior Student Chapter Mentor, scaranom@gmail.com

Ron Welch, Vice-Chair for Academia Engagement and Senior Student Chapter Faculty Adviser,
rwelch1@citadel.edu

Patrick Bass, Vice-Chair of Competitions, pbass@citadel.edu

Andra Clapsaddle, Virtual Student Chapter Chair, andraclapsaddle@hotmail.com

SAME National Office Staff

Jeannine Finton, STEM Coordinator, mailto:jfinton@same.org

THANK YOU!!

Back up Slides from Day 1

- Insert Anne's updated slides from Day 1 to refer to if needed on Day 2.

Key Focus areas Day 2

- Committed sponsoring Post- ongoing support
- Committed faculty advisors]
- Upon start up, developed underclass members for leadership roles within the Student Chapter
- Continuously recruit underclassmen (Student Chapter members, faculty, and sponsoring Post)
- Keep energized- Student Chapter engagement ideas
- Events vs Board meetings vs Presentation topics vs Chapter logistics /administration
- Best Practices

Day 1: Engaging Student Members

Facilitator:

Anne MacMillan – Chair of College Outreach COI

Guest Speakers:

Ron Welch

Joseph Kessler – Student Leadership Medal
Winner

John Walewski, Ph.D. – Bliss Medal Winner

Objectives

- Discuss aspects of student engagement by responding to discussion prompts
- Record feedback
- Note any best practices
- Report back to the membership



Goal 4. Enrich the STEM Pipeline for the Nation

Lead efforts to inspire, encourage, and enable youth to pursue STEM careers; help develop technical capacity that our national needs to remaining globally competitive.

Review: Student Membership by the Numbers

- 2,070 collegiate level students
- 388 high school students
- 1,861 associated with a Post
 - 624 of these associated with a student chapter
- 597 have no Post or student chapter
- 500+ different school institutions (high school, colleges, universities, academies, etc.)

*As of August 2019

Why SAME: Benefits of Student Membership

- Student Chapters
- Virtual Student Chapter
- Internships
- Scholarships
- Mentoring
- Education & Training (JETC, FMW, SBC)
- Communities of Interests
- TME Magazine



Who are SAME Student Members?

What draws a student to SAME?

- Post-secondary institutions: trade schools, community colleges, universities, military academies, etc.
- Area of interest in AEC industry
- Not limited to STEM degree majors
- Not limited to American students
- Not limited to military / government commitments
- Leadership opportunities
- Thrive to being challenged
- Team player

Criteria for Student Membership?

- Attending high school or a post-secondary institution: colleges, universities, community colleges, trade school, military academies, etc.
- Must be 25 years old or younger
- Student Member vs. Young Professional

Virtual Student Chapter

- What is it?
- How can physical student chapters and student members at large benefit?
- More about VSC on Day 2!

