Outreach and Mentoring Programs

Meeting

May 21, 2013

Moderator:
Lt. Col. Wendell "Buddy" Barnes, (Ret.), P.E., F,SAME

Speakers:
• Ben Redding, Continental Mapping Consultants and Vice Chair of Communication, Young Member Council
• Lt. Col. Neal T. Wright, (Ret.), PMP, F.SAME
• Col. Kurt Ubbelohde, (Ret.), F.SAME and Chair, E&C Camps Committee
• Heather Wishart-Smith, P.E., PMP, LEED AP BD+C, F.SAME, Jacobs and Vice Chair-Mentoring, SAME Academy of Fellows
Young Member Council

2013 JETC Update

Chair: Ben Redding, Continental Mapping
Council Mission

The mission of the SAME Young Members Council is to be an advocate for and engage young member support of SAME’s Strategic Plan through outreach, training, networking, and recognition.
Council Organization

Chair
Ben Redding
Continental Mapping

Immediate Past Chair
Capt. Tim Scheffler, PE, CEM, USAF.
The Civil Engineer School

Secretary
2Lt. Jose Fugeroa, USAF

Vice Chair Programs
Ann Ewy
USACE

Vice Chair Communications
Gia Huynh-Ba
Black & Veatch

Vice Chair Mentoring & Recognition
Capt Jeremy Kinne, PE, USAF
Shaw AFB, SC

Vice Chair Conferences
Carrie Ann Miller
ARGO Systems, LLC

~5 Other Liaisons & Assistants
85 YM Post POCs
(Appointed by Post President)
2012 – 2013 Activities

• Developed Young Member Post Programs Guide
• Compiled Social Media Tips/Techniques
• Increase participation, membership, and activity on LinkedIn subgroup (not really)
• Held 4 Professional Development Calls
• Published 4 Newsletters
• Established Certification Reimbursement Program (getting there)
How do I get involved?

• Know your post!
  – YM POC list published in October 2012 newsletter
  – Many positions transition at JETC—check with post
• Join the call!
• Start a conversation on LinkedIn
• Publish an article
• Other ideas?
Committee Mission

The College Outreach Committee assists Posts in:

• Mentoring and building professional relationships between Post members and students majoring in engineering and related programs at local colleges and universities;

• Introducing students to job opportunities in military engineering.
## Student Chapters

<table>
<thead>
<tr>
<th>Region</th>
<th># Student Chapters</th>
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<tr>
<td>Great Lakes</td>
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<tr>
<td>Lower Mississippi</td>
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<td>Middle Atlantic</td>
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<td>Missouri River</td>
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<td>Carolinas</td>
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<table>
<thead>
<tr>
<th>Region</th>
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<tr>
<td>TEXOMA</td>
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<td>Pacific</td>
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Total Number of Student Chapters: 51
2013-2014 Goals

1) Increase interaction between Posts and Chapters
2) Increase Student and Chapter Workshop participation
3) Maintain current directories of Chapters, Post mentors, and faculty advisors & provide quarterly updates
4) Implement a Distinguished Chapter program
5) Establish “indicators” for Chapter activity
6) Continue to grow the number of Chapters
7) Maintain an active Cmte website to share ideas with Student Chapters
2013-2014 Work Plan

1) Increase interaction between Posts and Chapters
   – Action – Publish a newsletter - 2 Sep 13
     • Published Oct 11 & Sep 12 – Next edition Sep 2013

2) Increase Student and Chapter Workshop participation
   – Action – Increase Workshop participation - 4 Sep 13; Jan 14
     • 2012 Student Leader Workshop (SLW) had 34 students
     • 2013 SLW had 60 students
     • 2012 Student Chapter Workshop (SCW) (18 attendees & 9 schools)
     • 2013 SCW had 18 attendees & 10 schools

3) Maintain current directories of Chapters, Post mentors, and faculty advisors & provide quarterly updates
   – Action – Update directories – Oct 13
     • Posted to SAME website in Feb 13
2013-2014 Work Plan

4) Implement Distinguished Chapter program
   – Action – Encourage Chapter participation – Fall 13
   – Action – Determine Chapter item for recognition – 1 Oct 13

5) Establish “indicators” for Chapter activity
   – Action – Committee to draft indicators – 1 Sep 13
     • Solicited input from SCW and SLW
     • Continue to develop “workable” indicators

6) Continue to grow the number of Chapters
   – Action – Encourage joint student groups, e.g., ASME, ASCE
     • Continue to contact other national organization student POCs
     • Continue to promote inter-organization collaboration at local level
   – Action – Contact Posts without Chapters

7) Maintain Cmte website to share ideas with Student Chapters
Distinguished Chapter Criteria

(Published in Chapter Guidance Manual)

1. Submit an annual report of chapter leadership and accomplishments

2. Participate in a Chapter-Post event that promotes mentoring, career development, career selection, uniformed service or similar

3. Participate in a multidisciplinary event, outreach or competition

   Multidisciplinary includes multiple engineering disciplines and/or communications, international languages and any other discipline applied within the enterprise of engineering

   (Submissions are due for CY2012 in 1 Feb 2014)
2012-2013 Accomplishments

a) Published newsletter
b) Published student membership brochure
c) Held highest attended Student Leader Workshop (SLW)
d) Held second Student Chapter Workshop (SCW)
e) Updated contact information posted on committee website
f) Published a Chapter Guidance Manual
2012 Pumpkin Carving Contest

2012 Winner!

Pepperdine University SAME Chapter

For this contest the Pepperdine University Chapter tried to recreate the Golden Gate Bridge because it is an iconic feat of engineering. We also carved both the Pepperdine logo and the SAME logo into the side of our pumpkin. Please let me know if you would like any more pictures.

Marshall University
2013 Rube Goldberg Competition

Rules
• May use any materials
• May purchase up to $30 in extra materials
• Must include a mouse trap and a hammer
• May be as complex as desired, but the task must be complete in 2 minutes or less
• Machine must be started with a single force acting upon the starting object. This force can be a finger

Evaluation Criteria
a. # & complexity of items - 20pts
b. Clever uses of items - 20pts
c. Complexity of the device - 20pts

Judges
SAME Student Advisory Group

Winner - Saint Martin's University, Lacey WA
Questions?
Engineering & Construction Camps Committee

Col. Kurt Ubbelohde, (Ret.), F.SAME and Chair, E&C Camps Committee
• What Makes a Successful Camp Mentor?
• Camper Recruitment
• eMentoring Concept
• E&C Camp Committee
New Positions
• What makes a Camp Mentor Successful?
  – Willing to teach... spend time explaining concepts, use of equipment,
  – Compatible personality, finds it easy to work with students
  – Accessible, readily available
  – Has appropriate expectations for the students time commitment to the particular project
  – Similar interests to the student
  – Understanding that mentoring a group of students can be as effective as a one-to-one relationship
• Camper Recruitment
  – SAME Posts are the key
  – SAME Camp POC List must be maintained
  – Show Post Application deadline on website / POC List
  – Know the camp program, eligibility requirements, target student demographics
  – Engage with local high schools to make them aware of our unique program
  – Track your campers / have them speak / encourage them to compete for Post Scholarships
• **e-Mentoring**
  – Fits better with generational communication preferences
    • Face to face can be done via video chat services
  – Leverages Mentoring ability through technology
  – Relatively small investment in time
SAME Engineering And Construction Camps are FUN!!
Academy of Fellows

Heather Wishart-Smith, P.E., PMP, F. SAME
Jacobs

Buddy Barnes, P.E., F. SAME
Jacobs
Agenda

• Introduction to Academy of Fellows (AOF)
  – AOF Mission and Charge
  – Fellows nomination process

• Mentoring activities
  – Emerging Leaders Alliance (ELA)
  – Online presentation templates
  – Exploring alliance with MentorNet
  – Future initiatives?
Introduction to Academy of Fellows

• AOF Charge and Pledge
  – Support SAME’s mission and Strategic Plan
  – Be a role model
  – Be a mentor
  – Support SAME Posts
  – Be patriotic and respectful
  – “I pledge to fulfill the charges to me as a SAME Fellow. I will be a role model and mentor, supporting SAME’s mission and being active in our Posts. I will live honorably, with courage and integrity, and lead by example. I will support those who serve to protect our freedom and way of life. So help me God.”
• Fellows nomination process
  – Annual Nomination: First Monday in September
  – Tenure: Minimum Ten (10) years of membership
  – Society Leadership Positions: Elected & appointed, National, Regional & Post – dates held
  – Outstanding Service to SAME: Cite the significant achievements
  – Career Leadership Positions
  – Outstanding Service to the Engineering Profession
  – Awards and Honors
Academy of Fellows Mentoring Role

• Bring value as Fellow

• Continuation of journey, not a destination
  – Ripple effect

• Formal mentoring activities

• Individual mentoring: professional, SAME, social/personal
Mentoring Activities: Emerging Leaders Alliance

• ELA Conference
  (www.emergingleadersalliance.org)
  – 3 day multi-disciplinary leadership training
  – 11-13 Nov, Reston, VA
  – Registration fees & hotel covered; travel by others
Mentoring Activities: Emerging Leaders Alliance

• Selection Process
  – One nominee per Region; eight recipients
  – RVPs solicit applications from Post Presidents
  – RVPs submit one applicant by 15 Jul 13

• SelectionCriteria
  – YM, 35 or younger, as of 14 Jul 13
  – Join date before 1 Jan 12
  – Active member of SAME Post, Field Chapter, or National Cmte/Council
  – Letter of endorsement
  – No prior ELA sponsorship
Mentoring Activities

• Online presentation templates
  – College-level *Intro to A&E Industry*
  – K-12 talking points

• Exploring alliance with MentorNet

• Future initiatives
Get involved!

Bring value to SAME!

Let me know if you want to help!