STEM Committee
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STEM HOG MTG
JITTER FACTOR
SAME MISSION

SAME LEADS COLLABORATIVE EFFORTS TO IDENTIFY AND RESOLVE NATIONAL SECURITY INFRASTRUCTURE-RELATED CHALLENGES
2016 POST LEADERS WORKSHOP

STEM MISSION

BUILD OUR NATION'S FUTURE ENGINEERS & LEADERS
• 105 posts/chapters around the world – 70+% do STEM
• Over 54,000 volunteer hours annually supporting STEM and mentoring – 1.8hr pp
• US Graduate 300K in STEM, demand is for 400K+
• Our production of engineers is stagnant
• China 640,000
• India over a 1M
2016 POST LEADERS WORKSHOP

- SAME STEM E&C Camp, 16yrs
- EEA Atl, 16yrs
- Mentoring program – Omaha 22 yrs!
- West Point Bridge Design
- Boy Scout /GS badging
- Mathcounts
- Future City
- Learning for Life - Scouting
- **Judging for TSA / NSTA**
- SAME in the Classroom
- SAME adopt a Teacher/School - Grant
- Robotics, Rockets, Lego..
- **Scholarships $4k to $35K**

- SAME Posts Link to TSA State Rep
- Invite a Teacher (1/3 qualified)
- Science fairs
2016 POST LEADERS WORKSHOP

STEM Committee Organization

- Services
  - Army
  - AF
  - USMC
  - Navy
  - USCG
  - Other Govt Org
- Tech Schools
- Scholarships
- Grants
- Internships
- Jobs
- Teachers
- Recruit Volunteers
- BSA / GSA
- STEM Org.
- SM STEM
MENTORING CONTINUUM OF STEM

- K-12 connections
- STEM Camp
- Scholarships – 4 year
- Mentor / guide / coach
- Internship
- JOBS!
- SAME Member
- President of SAME

Stephanie Bayne
AR camp 2004
LA Tech Unvi - Envir. Engr
SAME LA Post
SAME YM
4x AR Camp mentor
Stanley Consultant
STEM SAME SUCCESSES

- Hubbell Space Telescope
- HH60
- F16
- CAT
- ARSPACE Cmd
- 400T ship
- Philippines
- USCG
- 6 Time mentor IE
- 4 time mentor ME
- USMA
- MS
- Prez Daughter
- Continuum
- Super sonic rocket
- Solar Car
- All Svc Academies
- Many many many more....
2016 POST LEADERS WORKSHOP

- Appoint a STEM Coordinator
- Integrate the STEM Committee with – scholarships/ camp recruiting / school outreach/ College Chapt/ Engr Week tm/ Other STEM Organizations....
- Long term relationship with schools - Database
- Connect with kids – mentoring continuum
- Invite STEM TEACHERS – STEM luncheon
- **Sent a student to Camps**
- Steer kids for STEM Scholarships – TRACK
- **Start** a STEM Event - Camp, BSA, GSA...
- **Join the STEM Committee**
..., I wanted to **thank you for your service in protecting our country**. You are easily the coolest camp mentor ... share similar passions of your own.

As I continue to fill out these damn college applications, a common question schools ask includes identifying my most memorable life experiences. I can **easily say that that week at the Academy was the most informative, interactive, and enjoyable experience I've ever come across in my lifetime**. I wanted to thank you for providing me this life-changing opportunity.

I'm also finalizing applications with the service academies and the several ROTC Scholarships and I plan to keep you updated throughout my decision making process. You have **played an influential role in discovering what person I truly want to be**, that being an officer in the US Military. These decisions I have made can be largely attributed to the impact you had on me during our time together. Thank you and I hope to be in touch soon.

Shane