

# M&V NEWSLETTER



American Society for Engineering Education  
Military and Veterans Constituent Committee

## Committee Chair Message

Dear Colleagues,

I hope you had a restful and energizing holiday break with family and loved ones. As we get the year off to a start, we wanted to bring you up to date on developments in the constituent committee. Our executive committee has been working very hard in moving forward on team initiatives and preparations for the annual conference in New Orleans.

In this newsletter, we will provide you with a membership update, information on our best paper award, an overview of our veterans committee focus, and useful program information for New Orleans. We have a full slate of activities planned for the conference this summer; presence at the division mixer on Sunday, technical sessions, a panel session focused on veteran issues, a dinner reception, and our first business meeting of the membership.

I encourage you to spread the word about the sessions highlighted in this newsletter and to attend as many as your schedule will permit. Our business meeting is open to all members and is the forum in which we will elect officers for the next year. Information on the positions that we will be filling is in the newsletter. I encourage you to nominate yourself or an interested colleague. No experience is required, only a passion for serving.

As you can see, a lot has happened since our first organizational meetings in Seattle last summer. We are continuing to work on the efforts described above and in this newsletter and are looking ahead to even more short-term and long-term initiatives. Our strength is in our members and our membership continues to grow steadily as we get the word out. Please assist us in this endeavor by sharing this newsletter with your colleagues.

All the best for a moderate winter as we continue to move forward in support of our veterans and military. It is an honor and pleasure to serve as your chair.

Sincerely,

Grant Crawford, PhD, PE  
Professor of Mechanical Engineering  
Chair, Military and Veterans Constituent  
Committee  
[Bobby.Crawford@Quinnipiac.edu](mailto:Bobby.Crawford@Quinnipiac.edu)

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## Call for Nominations

At the annual meeting, we will elect individuals to fill the following positions. All of these are described in detail in our bylaws which can be accessed at: <https://www.asee.org/member-resources/groups/divisions/mev/bylaws>.

Positions for election:

- Secretary/Treasurer (ascends to Program Chair-Elect, Program Chair, and then Chair)
- Awards Committee Chair (1 yr)
- Member-at-Large (3 yr term)

You may nominate yourself or an interested colleague. Nominations may be made to any member of the nominating committee and questions should be referred to these same individuals. Committee members are:

- Grant Crawford, [Bobby.Crawford@Quinnipiac.edu](mailto:Bobby.Crawford@Quinnipiac.edu)
- Oscar Barton, [obarton2@gmu.edu](mailto:obarton2@gmu.edu)
- Keith Landry, [klandry@georgiasouthern.edu](mailto:klandry@georgiasouthern.edu)

# NOMINATIONS

# ARE OPEN

## Membership Update

To date, the Military and Veterans Constituent Committee has 94 members. To become a full division of ASEE, we must achieve at least 200 members within three years of our formation. As you can see, after only nine months, we are well ahead of schedule. A history of our membership numbers is shown in the chart below.

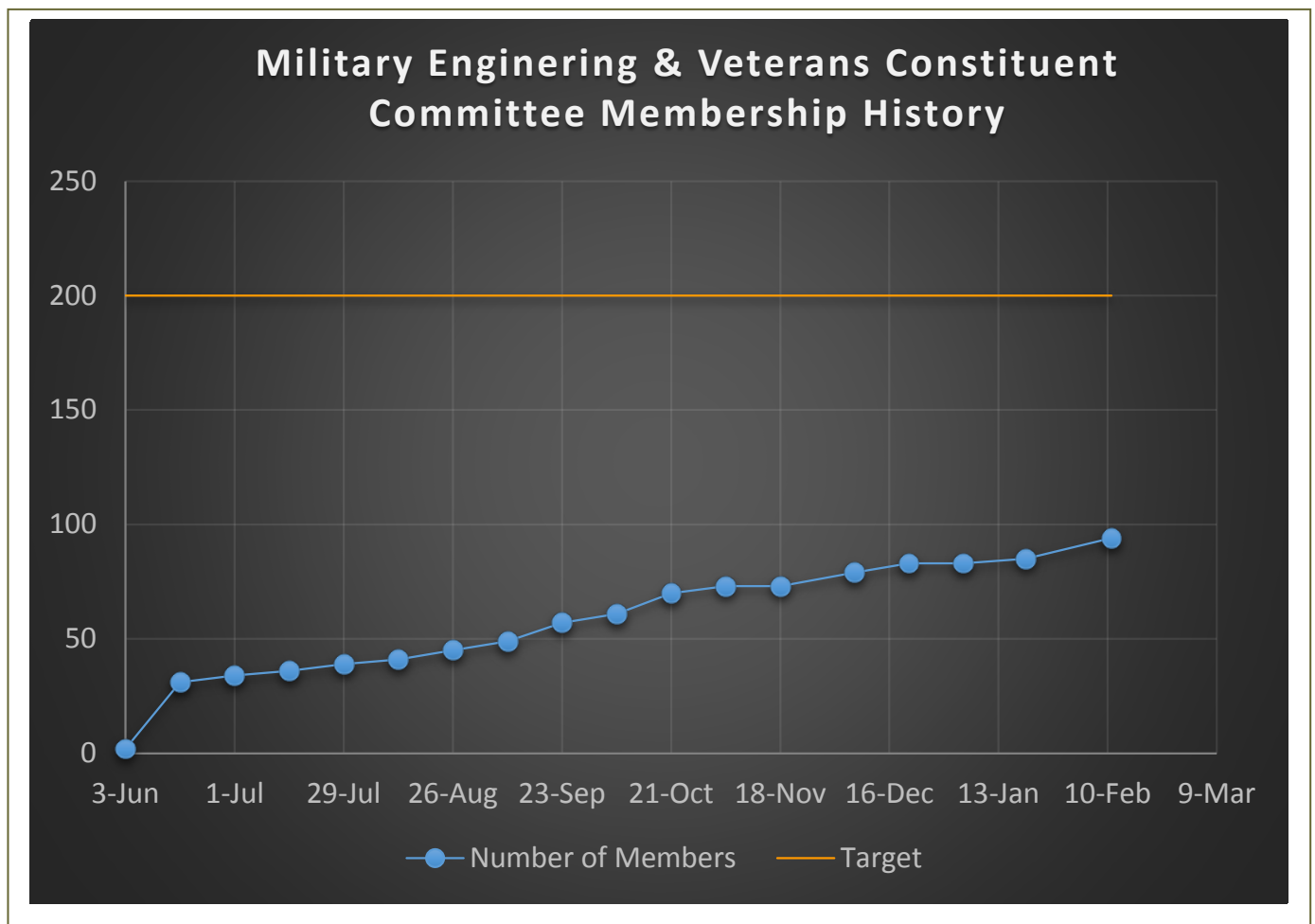
Please encourage your colleagues to become members of this future ASEE division. There are no division membership dues. To join, they only need to be an ASEE member and then affiliate with us. Affiliation is easy. Just follow these steps:

1. Go to [www.asee.org](http://www.asee.org) and log-in.
2. After logging in, you will be on the "Welcome" page. Select the "Your ASEE Membership" link.
3. This will pull down a menu. Select the "Select Divisions/Publications" link.

*To become a full division we must achieve at least 200 members within 3 years of our formation.*

4. Scroll down this page until you see the 'Divisions' section. Check the box by "Military and Veterans Constituent Committee" and the click "Submit". Our dues are \$0.00, so joining is free.
5. That is it! Congratulations and Welcome to the Military and Veterans Constituent Committee.

Corinna Fleischmann  
CDR, USCG  
Membership/Historian  
[corinna.m.fleischmann@uscga.edu](mailto:corinna.m.fleischmann@uscga.edu)



## Program Chair News

The Program Committee has the responsibility for organizing everything related to the Military and Veterans Constituent Committee's conference session scheduled to be held this year in New Orleans, LA from June 26 – 29, 2016. This includes reviewing and accepting papers for presentation, organizing the conference sessions, and arranging for the committee's social function. This year's programs officers are Chair: Dr Oscar Barton Jr, PE (2015 -16) and Chair-Elect: Dr Keith Landry, PE (2016-17).

The committee is excited to report that 14 papers were accepted for presentation at its inaugural session. Twelve institutions - nine civilian universities and three military academies - will be represented at the conference. Demographically, 50 % of the papers were submitted by authors whose home universities are located in the southern region of the U.S., 28.6 % from northeastern region, 14. 3% from the mid-western region, and 7.1 % from the western region. Based on the general subjects of the abstracts submitted for consideration, four sessions covering two areas of interest have been organized. The first area of interest is titled "Developing an Academic Framework Supportive of our Military Veterans" highlights those efforts to promote innovative curriculum designs to address the unique needs of military veterans as well as those that capitalize on the experiences gained by our military cohort to expand the diversity of thought teaching engineering in the classroom. The second area of interest is titled "Understanding the Military Veteran Human Resource Needs – Transition from Military Service to Engineering Profession" offers the listening audience a perspective of the human resources needs of military veteran as they begin their academic pursuits.

To complement our conference session, LTC Brain Novoselich is organizing a panel discussion titled "Supportive pathways to ETEE careers for veteran and military students". The panel session focuses mainly on understanding the support structure from government agencies, academic institutions, and industry available to military veterans in the transition to academia.

The committee' social event will be held at the Chophouse Restaurant on Tuesday, June 28, 2016 at 7:00 pm. The restaurant is located at 322 Magazine Street. A three course menu features a choice of fish, steak or a vegetarian option for the main course. The price is set at \$65.00 for dinner.

For your planning purposes, our events for the annual meeting are:

- **Sunday, June 26<sup>th</sup>**
  - Division Mixer, 4:15 - 5:45 pm
    - Banner – (sponsorship opportunity)
    - Promotional SWAG (sponsorship opportunity)
    - Promotional Literature
- **Monday, June 27<sup>th</sup>**
  - M398 – Technical Session 1 - Developing an Academic Framework Supportive of our Military Veterans, 11:30 am – 1:00 pm
  - M498 – Technical Session 2 - Understanding the Military Veteran Human Resource Needs – Transition from Military Service to Engineering Profession, 1:15 – 2:45 pm
- **Tuesday, June 28<sup>th</sup>**
  - T198 Military and Veterans Constituent Division, Panel Session, 8:00 - 9:30 am
  - T398 Military and Veterans Constituent Committee Division Poster Session, 11:30 am – 1:00 pm
  - T698 Military and Veterans Constituent Division, Business Meeting, 4:45 - 6:15 pm
  - T798 Military and Veterans Constituent Division Dinner Reception, Chophouse - New Orleans, 7:00 - 9:00 pm

*Oscar*

Oscar Barton PhD  
 Professor of Mechanical Engineering  
 George Mason University  
 Program Chair, Military and Veterans  
 Constituent Committee  
[obarton2@gmu.edu](mailto:obarton2@gmu.edu)



## Veterans Committee News

### Intent:

As guided by the ASEE Military and Veterans Constituent Committee leaders and as governed by the Division's by-laws, the intent of the Veterans Committee will be to *achieve excellence in serving Veterans who aspire to or who are within the Engineering Technician, Engineering Technology and Engineering (ETETE) education and careers*. This will be accomplished by providing ETETE knowledge, pathways, and academic readiness via research informed solutions and best practices shared by collaborative partners.

### Focus:

*Student Veterans.* The ASEE Veterans Committee will focus on the Student Veteran population, which is an identifiable and measurable subset of the Veteran community. Collaborating with partners, the ASEE Veterans Committee will be able to leverage the information and the best practices of other organizations as the Veterans Committee engages Student Veterans who are pursuing and/or interested in ETETE education and careers. Collaborative partners could include the Student Veterans of America (SVA) a non-profit organization- with over 1,200 SVA chapters globally, as well as other organizations- non-profit, public, and private.

Proposed metrics have been identified towards measuring the Veterans Committee's efficacy in providing student veterans with awareness (knowledge and pathways information), ETETE education recruitment opportunities, ASEE membership opportunities, and ETETE related career support. This will leverage the previous NSF sponsored ASEE work, "Transitioning Veterans to Engineering Related Careers" (Feb 2013).

### Veterans Committee members:

Chair: Mel Williams, Jr.  
[vadm1@gwu.edu](mailto:vadm1@gwu.edu)  
 Phone: 202-578-6086.

Army Rep.: (Output leader) Paul Mlakar,  
[Paul.F.Mlakar@erdc.dren.mil](mailto:Paul.F.Mlakar@erdc.dren.mil)  
 Phone: 601-634-3251.

Naval Rep.: (Input leader) Jason Burke,  
[Jason.Burke@quinnipiac.edu](mailto:Jason.Burke@quinnipiac.edu)  
 Phone: 203-582-8867.

Coast Guard Rep.: LCDR Corinna Fleischmann,  
[Corinna.M.Fleischmann@uscga.edu](mailto:Corinna.M.Fleischmann@uscga.edu)  
 Phone: 860-444-8531.

Air Force Rep.: Dr. George York  
[george.york@usafa.edu](mailto:george.york@usafa.edu)  
 Phone: 719-333-4210

## Awards Chair

### Best Paper award:

The Military and Veterans Committee (M&VC) will offer an award to the best paper submitted for presentation at the Annual ASEE Conference in New Orleans. The award will be presented at the Committee's business meeting on June 28, 2016. The purpose of the award is to recognize outstanding contributions in the field of engineering education with a particular focus on veterans' issues and challenges. To be considered for this award, the paper must be well written and the author(s) must demonstrate an appreciation and understanding of the goals and objectives of the Military and Veterans Constitution Committee.

### Sponsorship:

The Military and Veterans Constituent Committee of ASEE is soliciting your sponsorship for initiatives that support Veterans and Military Engineers across the nation. For more information or if you would like to make a contribution, please contact:

Grant Crawford, PhD, P.E, Professor of Mechanical Engineering, Quinnipiac University, email: [Bobby.Crawford@quinnipiac.edu](mailto:Bobby.Crawford@quinnipiac.edu), Tel: 203-582-7910.



## Call for Contributions

As usual we are always looking for contributors to our next newsletter (2<sup>nd</sup> quarter 2016, due out in April). If you have thoughts or commentary, research or ideas that fit with the objectives of the Military and Veterans Constituent Committee we'd love to hear from you, just email me directly.

Sincerely,

Colin C. Engebretsen, Captain  
Assistant Professor, Engineering Mechanics  
Webmaster & Editor, M & V Constituent Committee  
[colin.engebretsen@usafa.edu](mailto:colin.engebretsen@usafa.edu)

## Officers of Military and Veterans Constituent Committee

Position	Name	Organization
Chair	Dr. Grant Crawford	Quinnipiac University
Program Chair	Dr. Oscar Barton Jr.	George Mason University
Program Chair-Elect	Dr. Keith Landry	Georgia Southern University
Secretary/Treasurer	Dr. Blake Stringer	Kent State University
Veterans Chair	Vice Admiral (ret) Mel Williams Jr.	George Washington University
News Editor & Webmaster	Captain Colin Engebretsen	U.S. Air Force Academy
Historian	Commander Corinna Fleischmann	U.S. Coast Guard Academy
Awards Selection Chair	Dr. Hudson Jackson	U.S. Coast Guard Academy
Nominating Cmte Chair	Dr. Grant Crawford	Quinnipiac University
Member at Large	Lieutenant Colonel Rich Melnyk	U.S. Military Academy

## Additional Information

### Quick Access Links:

Bylaws: <https://www.asee.org/member-resources/groups/divisions/mev/bylaws>

Current Officers: <http://www.asee.org/member-resources/groups/divisions/mev/officers>

### Objectives:

1. Promote awareness of Engineering Technician, Engineering Technology and Engineering (ETETE) careers, pathways and academic readiness for active duty military and veterans.
2. Recognize strategies and models that leverage military experience for appropriate academic and professional recognition.
3. Foster academic environments supportive of a military cultural background.
4. Leverage academic, industry, and government resources to stimulate the pipeline of active duty military and veterans into ETETE careers.
5. Improve the quality of education in engineering and engineering technology courses and programs conducted by military organizations.
6. Promote connections and research efforts between civilian engineering schools and appropriate military organizations.
7. Promote effective means to assist veterans in transitioning to the engineering profession.
8. Promote effective recruitment and retention strategies for both civilian and military engineers within military engineering institutions (programs).