

CAREER and PROFESSIONAL DEVELOPMENT AWARD 2017-2018

The Career and Professional Development Award is presented for section activities that are beneficial to career and workforce development. Activities may include:

- Seminars, workshops, forums, panel discussions, lunch-and-learn programs, special celebration activities, symposiums, and use of videos or career related topics such as Time Management Workshops, Career Transition Workshops, Career Benefits Workshops (health care reform, financial planning, etc.), Technical v. Management Career Path Workshops, Resume Writing, Interviewing Skills.
- Workbooks, newsletters, pamphlets or other publications pertaining to career related topics.
- Employment assistance programs relative to job fairs, announcements of job openings, changing careers, relocating, etc.
- Professional Development activities directed at educating, inspiring and promoting the education and selection of aerospace as a career option, etc.
- Any career enhancement related initiative not identified above.

Note: Events/meetings that may have networking opportunities, but are not specifically centered on CPD topics should not be included in the activity report.

Section name: Greater Huntsville
Section category size: Very Large

Name of person submitting: Naveen Vetcha
Section officer position: Chair (2017-18)

PROGRAMS and EVENTS

Date 7/18/2017

Name of Event Luncheon

Speaker Mr. James Brelsford

Speaker Affiliation: Von Braun Astronomical Society

Meeting Type: (Dinner meeting, Lunch and Learn, ...) Lunch

If "Other", what type: Symposium/Conference

Attendance: 42

Description of Event: Are you ready for the Great American Solar Eclipse?

Was there a joint sponsorship for this activity? if so, with what group(s)?:

No

Describe any publicity for the event:

Web site, email, blog, twitter, flyers, regional contacts at other sections

Posted on section website and distributed the flyer to all the section members

Explain how this event represents a unique Career & Professional Development activity:

Describe any career & professional development programs, events or activities that are beneficial to career/workforce development not presented above.

Please provide URLs for any supporting material.

https://info.aiaa.org/Regions/SE/HSV_AIAA/Share%20Files/2017%20-%202018%20Annual%20Report%20Supporting%20Documents/Prof%20Development/Lunch%20Seminars/07-2017_Luncheon_GreatAmericanSolarEclipse.pdf

Date 7/21/2017

Name of Event Drone Maker 101

Speaker Mr. Sumontro Sinha

Speaker Affiliation: GoKaze LLC

Meeting Type: (Dinner meeting, Lunch and Learn, ...) Hands on course

If "Other", what type: Symposium/Conference

Attendance: 14

Description of Event: Participants learned how to pilot a quadcopter, design and build fixed wings, and tested hybrid drone for vertical flight

Was there a joint sponsorship for this activity? if so, with what group(s)?:

No

Describe any publicity for the event:

Web site, email, blog, twitter, flyers, regional contacts at other sections

Posted on section website and distributed the flyer to all the section members

Explain how this event represents a unique Career & Professional Development activity:

Describe any career & professional development programs, events or activities that are beneficial to career/workforce development not presented above.

Please provide URLs for any supporting material.

https://info.aiaa.org/Regions/SE/HSV_AIAA/Share%20Files/2017%20-%202018%20Annual%20Report%20Supporting%20Documents/Prof%20Development/Courses/AIAA%20Greater%20Huntsville%20-%20Drone%20Maker%20101.pdf

Date 8/7/2017

Name of Event AIAA Basic Soldering Course

Speaker Various training personnel

Speaker Affiliation: STI Electronics

Meeting Type: (Dinner meeting, Lunch and Learn, ...) Hands on

If "Other", what type: Symposium/Conference

Attendance: 10

Description of Event: Attendees learned about the soldering and did soldering under the supervision of experienced professional trainers

Was there a joint sponsorship for this activity? if so, with what group(s)?:

No

Describe any publicity for the event:

Web site, email, blog, twitter, flyers, regional contacts at other sections

Posted on section website and distributed the flyer to all the section members

Explain how this event represents a unique Career & Professional Development activity:

Describe any career & professional development programs, events or activities that are beneficial to career/workforce development not presented above.

Please provide URLs for any supporting material.

https://info.aiaa.org/Regions/SE/HSV_AIAA/Share%20Files/2017%20-%202018%20Annual%20Report%20Supporting%20Documents/Prof%20Development/Courses/Basic%20Solder%20Training-8-7-17.pdf

Date 9/8/2017

Name of Event Monthly Luncheon

Speaker Dr. Mike Griffin

Speaker Affiliation: Consultant

Meeting Type: (Dinner meeting, Lunch and Learn, ...) Lunch

If "Other", what type: Symposium/Conference

Attendance: 65

Description of Event: Difficult decisions from a career in Aerospace

Was there a joint sponsorship for this activity? if so, with what group(s)?:

No

Describe any publicity for the event:

Web site, email, blog, twitter, flyers, regional contacts at other sections

Posted on section website and distributed the flyer to all the section members

Explain how this event represents a unique Career & Professional Development activity:

Describe any career & professional development programs, events or activities that are beneficial to career/workforce development not presented above.

Please provide URLs for any supporting material.

https://info.aiaa.org/Regions/SE/HSV_AIAA/Share%20Files/2017%20-%202018%20Annual%20Report%20Supporting%20Documents/Prof%20Development/Lunch%20Seminars/08-2017_Luncheon_MikeGriffin.pdf

Date 8/14/2017

Name of Event AIAA Cable/Harness Course

Speaker Various training personnel

Speaker Affiliation: STI Electronics

Meeting Type: (Dinner meeting, Lunch and Learn, ...) Hands on

If "Other", what type: Symposium/Conference

Attendance: 10

Description of Event: Attendees were able to do hands on cable/harness work under the supervision of professional trainers

Was there a joint sponsorship for this activity? if so, with what group(s)?:

No

Describe any publicity for the event:

Web site, email, blog, twitter, flyers, regional contacts at other sections

Posted on section website and distributed the flyer to all the section members

Explain how this event represents a unique Career & Professional Development activity:

Describe any career & professional development programs, events or activities that are beneficial to career/workforce development not presented above.

Please provide URLs for any supporting material.

https://info.aiaa.org/Regions/SE/HSV_AIAA/Share%20Files/2017%20-%202018%20Annual%20Report%20Supporting%20Documents/Prof%20Development/Courses/CableHarnessClass_8-14-17.pdf

Date 9/3/2017

Name of Event Monthly Luncheon

Speaker Mr. Daniel Wade

Speaker Affiliation: Aviation Engineering Directorate

Meeting Type: (Dinner meeting, Lunch and Learn, ...) Lunch

If "Other", what type: Symposium/Conference

Attendance: 37

Description of Event: Using Data Science to Improve Air Safety

Was there a joint sponsorship for this activity? if so, with what group(s)?:

No

Describe any publicity for the event:

Web site, email, blog, twitter, flyers, regional contacts at other sections

Posted on section website and distributed the flyer to all the AIAA section members & AFA members

Explain how this event represents a unique Career & Professional Development activity:

Describe any career & professional development programs, events or activities that are beneficial to career/workforce development not presented above.

Please provide URLs for any supporting material.

https://info.aiaa.org/Regions/SE/HSV_AIAA/Share%20Files/2017%20-%202018%20Annual%20Report%20Supporting%20Documents/Prof%20Development/Lunch%20Seminars/09-2017_Luncheon_DanielWade.pdf

Date 10/6/2017

Name of Event Drone Maker 101

Speaker Mr. Sumontro Sinha

Speaker Affiliation: GoKaze LLC

Meeting Type: (Dinner meeting, Lunch and Learn, ...) Hands on

If "Other", what type: Symposium/Conference

Attendance: 20

Description of Event: Participants learned how to pilot a quadcopter, design and build fixed wings, and tested hybrid drone for vertical flight

Was there a joint sponsorship for this activity? if so, with what group(s)?:

No

Describe any publicity for the event:

Web site, email, blog, twitter, flyers, regional contacts at other sections

Posted on section website and distributed the flyer to all the AIAA section members

Explain how this event represents a unique Career & Professional Development activity:

Describe any career & professional development programs, events or activities that are beneficial to career/workforce development not presented above.

Please provide URLs for any supporting material.

https://info.aiaa.org/Regions/SE/HSV_AIAA/Share%20Files/2017%20-%202018%20Annual%20Report%20Supporting%20Documents/Prof%20Development/Courses/AIAA%20Greater%20Huntsville%20-%20Drone%20Maker%20101_October.pdf

Date 10/18/2017

Name of Event Monthly Luncheon

Speaker Dr. Tom Percy

Speaker Affiliation: NASA Marshall Space Flight Center

Meeting Type: (Dinner meeting, Lunch and Learn, ...) Lunch

If "Other", what type: Symposium/Conference

Attendance: 46

Description of Event: Mars: Exploring the Red Planet

Was there a joint sponsorship for this activity? if so, with what group(s)?:

No

Describe any publicity for the event:

Web site, email, blog, twitter, flyers, regional contacts at other sections

Posted on section website, distributed the flyer to all the AIAA section members & AFA members and distributed the flyer through local Chamber of commerce.

Explain how this event represents a unique Career & Professional Development activity:

Describe any career & professional development programs, events or activities that are beneficial to career/workforce development not presented above.

Please provide URLs for any supporting material.

https://info.aiaa.org/Regions/SE/HSV_AIAA/Share%20Files/2017%20-%202018%20Annual%20Report%20Supporting%20Documents/Prof%20Development/Lunch%20Seminars/10-2017_Luncheon_TomPercy.pdf

Date 10/23 – 10/24/2017

Name of Event AIAA YP Symposium

Speaker Numerous, see below.

Speaker Affiliation: see below.

Meeting Type: (Dinner meeting, Lunch and Learn, ...) Symposium/Conference

If "Other", what type: Symposium/Conference

Attendance: 130

Description of Event:

The second annual YP symposium was a conference event put on by young professionals, for young professionals. The intent was to not only provide a platform for young professionals to develop their technical presentation skills, but also serve as a way for young professionals to volunteer for the section without taking on an officer role. Volunteers sought out the venue, speakers, sponsors, and handled day-of logistics. We had 12 active YPs planning this, including 5 section officers. There were 130 attendees and 30 young professionals in the aerospace field presented their technical work across aerospace specialties. The sessions were intentionally diverse across the aerospace, including Structures, Modeling and Simulation, and Propulsion Systems. We included topics on helicopter maintenance, cubesats, and Space Launch System. Each session was moderated by one to two senior professionals in the field. We had enough presentations that we had to break into two simultaneous tracks at times.

Was there a joint sponsorship for this activity? if so, with what group(s)?:

Yes. Several corporations sponsored the event: Aerojet Rocketdyne, Jacobs Technology, DESE, and AIAA Region II all provided financial support for the symposium.

Describe any publicity for the event:

Web site, email, facebook, twitter, flyers, regional contacts at other sections

Created a website for the symposium. Posted on section website and distributed the flyer to all the AIAA section members

Explain how this event represents a unique Career & Professional Development activity:

This event allowed Section YP members to give presentations on their technical work or research in front of peers, senior professionals, and industry and government leaders. This event also allowed those members to network with one another and exchange ideas. The symposium also featured three Keynote speakers, 2 panel discussions, and an evening Mentorship event.

Describe any career & professional development programs, events or activities that are beneficial to career/workforce development not presented above.

Please provide URLs for any supporting material.

<https://aianextgen.org/pages/2017-yyps>

Date

10/30/2017

Name of Event Washington Update

Speaker Mr. Mo Brooks

Speaker Affiliation: US Congress

Meeting Type: (Dinner meeting, Lunch and Learn, ...) Lunch

If "Other", what type: Symposium/Conference

Attendance: 43

Description of Event: Washington update with congressman Mo Brooks

Was there a joint sponsorship for this activity? if so, with what group(s):

No

Describe any publicity for the event:

Web site, email, blog, twitter, flyers, regional contacts at other sections

Posted on section website and distributed the flyer to all the AIAA section members

Explain how this event represents a unique Career & Professional Development activity:

Describe any career & professional development programs, events or activities that are beneficial to career/workforce development not presented above.

Please provide URLs for any supporting material.

https://info.aiaa.org/Regions/SE/HSV_AIAA/Share%20Files/2017%20-%202018%20Annual%20Report%20Supporting%20Documents/Public%20Policy/Oct2017_Washingtonupdate_MoBrooks.pdf

Date 11/9/2017

Name of Event Monthly Luncheon

Speaker Maj Zig Jastrebski

Speaker Affiliation: Air Force Association

Meeting Type: (Dinner meeting, Lunch and Learn, ...) Lunch

If "Other", what type: Symposium/Conference

Attendance: 20

Description of Event: Line backer I & II: Air war in N. Vietnam

Was there a joint sponsorship for this activity? if so, with what group(s)?:

No

Describe any publicity for the event:

Web site, email, blog, twitter, flyers, regional contacts at other sections

Posted on section website and distributed the flyer to all the AIAA section members & Ninety-Nines members

Explain how this event represents a unique Career & Professional Development activity:

Describe any career & professional development programs, events or activities that are beneficial to career/workforce development not presented above.

Please provide URLs for any supporting material.

https://info.aiaa.org/Regions/SE/HSV_AIAA/Share%20Files/2017%20-%202018%20Annual%20Report%20Supporting%20Documents/Prof%20Development/Lunch%20Seminars/11-2017_Luncheon_Zig%20Jastrebski.pdf

Date 11/10/2017

Name of Event United Launch Alliance Rocket manufacturing facility tour

Speaker Mr. Anton Kolomiets

Speaker Affiliation: ULA

Meeting Type: (Dinner meeting, Lunch and Learn, ...) Facility tour

If "Other", what type: Symposium/Conference

Attendance: 25

Description of Event: Attendees got a guided tour of ULA's rocket building facility in Decatur, AL

Was there a joint sponsorship for this activity? if so, with what group(s)?:

No

Describe any publicity for the event:

Web site, email, blog, twitter, flyers, regional contacts at other sections

Posted on section website and distributed the flyer to all the AIAA section members

Explain how this event represents a unique Career & Professional Development activity:

Describe any career & professional development programs, events or activities that are beneficial to career/workforce development not presented above.

Please provide URLs for any supporting material.

PDF of the email announcement provided with this application

Date 12/12/2017

Name of Event Monthly luncheon

Speaker Mr. Myron pessin

Speaker Affiliation: Retired

Meeting Type: (Dinner meeting, Lunch and Learn, ...) Lunch

If "Other", what type: Symposium/Conference

Attendance: 29

Description of Event: Space shuttle history – Super Lightweight External Tank Development

Was there a joint sponsorship for this activity? if so, with what group(s)?:

No

Describe any publicity for the event:

Web site, email, blog, twitter, flyers, regional contacts at other sections

Posted on section website and distributed the flyer to all the AIAA section members

Explain how this event represents a unique Career & Professional Development activity:

Describe any career & professional development programs, events or activities that are beneficial to career/workforce development not presented above.

Please provide URLs for any supporting material.

https://info.aiaa.org/Regions/SE/HSV_AIAA/Share%20Files/2017%20-%202018%20Annual%20Report%20Supporting%20Documents/Prof%20Development/Lunch%20Seminars/12-2017_Luncheon_Mike%20Pessin.pdf

Date 1/23/2018

Name of Event Monthly luncheon

Speaker: BG (USA ret) Robert Stewart (former astronaut)

Speaker Affiliation: Retired

Meeting Type: (Dinner meeting, Lunch and Learn, ...) Lunch

If "Other", what type: Symposium/Conference

Attendance: 30

Description of Event: Aeronautics or Astronautics. Why must we choose?

Was there a joint sponsorship for this activity? if so, with what group(s)?:

No

Describe any publicity for the event:

Web site, email, blog, twitter, flyers, regional contacts at other sections

Posted on section website and distributed the flyer to all the AIAA section members

Explain how this event represents a unique Career & Professional Development activity:

Describe any career & professional development programs, events or activities that are beneficial to career/workforce development not presented above.

Please provide URLs for any supporting material.

https://info.aiaa.org/Regions/SE/HSV_AIAA/Share%20Files/2017%20-%202018%20Annual%20Report%20Supporting%20Documents/Prof%20Development/Lunch%20Seminars/01-2018_Luncheon_BGStewart.pdf

Date 2/8/2018

Name of Event Monthly luncheon

Speaker Mr. Steve Cook

Speaker Affiliation: Dynetics Inc.

Meeting Type: (Dinner meeting, Lunch and Learn, ...) Lunch

If "Other", what type: Symposium/Conference

Attendance: 50

Description of Event: The Future of US Human Spaceflight

Was there a joint sponsorship for this activity? if so, with what group(s)?:

No

Describe any publicity for the event:

Web site, email, blog, twitter, flyers, regional contacts at other sections

Posted on section website and distributed the flyer to all the AIAA section members

Explain how this event represents a unique Career & Professional Development activity:

Describe any career & professional development programs, events or activities that are beneficial to career/workforce development not presented above.

Please provide URLs for any supporting material.

https://info.aiaa.org/Regions/SE/HSV_AIAA/Share%20Files/2017%20-%202018%20Annual%20Report%20Supporting%20Documents/Prof%20Development/Lunch%20Seminars/02-2018_Luncheon_SteveCook.pdf

Date 3/20/2018

Name of Event Monthly luncheon

Speaker Dr. Ed Kraft

Speaker Affiliation: Univ. of Tennessee Space Institute

Meeting Type: (Dinner meeting, Lunch and Learn, ...) Lunch

If "Other", what type: Symposium/Conference

Attendance: 42

Description of Event: Digital Engineering – a Disruptive Transformation of Aerospace and Defense Tools

Was there a joint sponsorship for this activity? if so, with what group(s)?:

No

Describe any publicity for the event:

Web site, email, blog, twitter, flyers, regional contacts at other sections

Posted on section website and distributed the flyer to all the AIAA section members

Explain how this event represents a unique Career & Professional Development activity:

Describe any career & professional development programs, events or activities that are beneficial to career/workforce development not presented above.

Please provide URLs for any supporting material.

https://info.aiaa.org/Regions/SE/HSV_AIAA/Share%20Files/2017%20-%202018%20Annual%20Report%20Supporting%20Documents/Prof%20Development/Lunch%20Seminars/03-2018_Luncheon_EdKraft.pdf

Date Multiple events

Name of Event Chamber of Commerce Workshops

Speaker NA

Speaker Affiliation: NA.

Meeting Type: (Dinner meeting, Lunch and Learn, ...) Short courses

If "Other", what type:

Attendance: NA

Description of Event:

As a member of the Huntsville/Madison County Chamber of Commerce, the Greater Huntsville Section receives discounted rates for all COC events. This year, the council began advertising several opportunities with the general membership. Specifically, the COC offers a series of short course, many of which are focused on career development.

Was there a joint sponsorship for this activity? if so, with what group(s)? Yes. These events are sponsored by the Chamber of Commerce of Huntsville. As a member, our members can attend those events at the COC member rate, and we advertised this with our membership.

Describe any publicity for the event:

Email.

Explain how this event represents a unique Career & Professional Development activity:

The courses offered by the COC focus on a variety of topics, including *Starting a Business in Alabama*, *2017 Microsoft Word for Small Businesses*, *Social Media Advertising*, and many other topics. These topics are very much focused in career and professional development as they encourage learning new skills.

Describe any career & professional development programs, events or activities that are beneficial to career/workforce development not presented above.

Please provide URLs for any supporting material.