

Minutes of Meeting

Time & Date: 7:30pm, Thursday, Aug 20, 2020 (Next meeting is scheduled on September 24th)

- Zoom Meeting: <https://aiaa.zoom.us/j/93420774394?pwd=QkxWaGhnRDNHNUpzclM3ZFM1bUo1QT09>
- or call: 877-853-5257 US Toll-free or 888-475-4499 US Toll-free
- Meeting ID: 934 2077 4394, Password: 537740

AIAA-NE online information:

- LinkedIn: <https://www.linkedin.com/company/aiaa-new-england>
- Website: <https://engage.aiaa.org/newengland/home>

Attendances: Charlie Wilson, Scott Stadler, John Blandino, Gary Wolfe, Rosemary Davidson, Elaine Petro, Qiana Curcuru, Endri Lasha, Umanga Balasuriya, Joe Vornehm, Hiro Endo

Apologies: Medhi Mortazavi

Opening Remarks & Administration

a) Opening Remarks / Administration / General Announcements (Charlie):

- We welcome Qiana, Endri, Phil Hattis, Rosemary and Elaine. Elaine and Rosemary are representing a possible liaison from Women of Aero/Astro at MIT and WPI.
- Planning to start completing the 20/21 chairman's annual report as events are completed.
- John Blandino will report on his WPI student groups outreach to other schools to support Diversity, Equity and Inclusion.
- Albert Moussa's presentation on July 29 was a great success.
- Hiro Endo will discuss the section LinkedIn site, zooms and our web site at <https://engage.aiaa.org/newengland/home>.
- Diversity and Inclusion being organized through WoAA and student organizations.
- University/College Outreach (aka Education) – Mehdi making good progress.

b) Yearly Report & Budget (Scott):

- Done & submitted – Expect to receive a rebate sometime in September.
- Due to COVID 19, many 2020 events and activities were canceled. We have a surplus and will spend more this year than last.
- Medhi has drafted invites for a funding application for students' projects and initiatives.

Some ideas:

- Give out scholarships
 - Contact College faculties & advisors – Offer scholarships for High schoolers, Undergrad, Graduate degree students...
- Fund student projects:
 - WPI Jet Engine team, WPI Student Rocket Launch – ask students to submit a proposal
- Fund STEM activities with women engineers' groups...
- Invite paid speakers on Zoom (Joe to look into the bylaws)

Committee Chair & Volunteers:

- **Outreach for University / College / Institutes (Mehdi)**

- Mehdi drafted invitation letter for funding applications -currently under review.
- Reached out to student branches. The report of outreach activities below:

College	Student Branch Chair	Advisor	Updates
Boston University	Pien W van Westendorp	Prof Sheryl Grace	Sheryl reached back. They will put me in touch with officers once Fall is closer.
MIT	Shannon Cassidy	Prof David L Darmofal	Blake retired. Shannon Cassidy (chair) is a new chair. Officers selected.
Northeastern University	Cameron Bracco	Dr Andrew Gouldstone	Officers selected. Interested in fundings. Any ideas to promote engagement for online/ remote learning / remote talks / providing supplies. Interested to hear about what other universities are doing.
Southern New Hampshire University	Rasheed Ricardo Blake	Dr Xinyun David Guo	Any ideas to overcome online learning challenges are welcome!
University of Maine	Jack O'Kelly	Dr Alexander Friess	Uncertainty. Club restarted in Spring. To be updated for Fall.
University of Massachusetts - Lowell	Mr Jake T Wilson	Prof Marianna Maiaru	Received lots of good material from David Willis for DBF and Conference Fundings
University of Vermont	Anthony M Julian	Dr William F Louisos	Officers selected. The student project would be great!
Wentworth Institute of Technology	Kylee V Julia	Dr Haifa Salman El-Sadi	Officers selected. Interested to get more info on funding.
Worcester Polytechnic Institute	Ms Krystina Waters	Dr Zachary R Taillefer	Officers selected. A lot of interest in design make fly, also High powered rocketry. Funding will help as they are popular and expensive. One project: Can continue to work on jet engine

- Virtual Student Conference (March 2021?)
 - We need to promote the event... Ask for proposals & paper submission – contact student advisors.
 - John B recommends Mehdi to e-mail student chapters chairs and advisors. Make sure to CC the message to Faculty advisors.
- Jet Engine Project: WPI plans to resume the project in fall 2020. John met with student officers. Transferring project ownership from the Honors group to the AIAA group.

- **Advocacy of Diversity and Inclusion (Charlie)**

- Charlie driving the initiative now / hoping to pass it on to a new volunteer later.
- Charlie reached out to Dexter Johnson (NASA Glenn) – Started to discuss avenues for collaboration.
- Charlie has also reached out to Sha’Niece from AIAA. Seeking her advice on STEM promotional activities.

- **Women of Aero-Astro (Rosemary & Elaine)**
 - Rosemary and Elaine from Women of Aero Astro joined the meeting.
 - They are looking into expanding the outreach to Colleges across New England.
 - Interested in collaborating with AIAA-NE. Elaine has discussed some ideas for a potential joint event with Gary.
 - Rosemary is interested in reaching out to BU. (Hiro to introduce Rosemary to Prof. Sheryl Grace).

- **Advocacy of STEM for pre-college students (Endri)**
 - Endri Lensha has volunteered to lead the STEM activities – Congratulations!
 - Charlie has also reached out to Sha’Niece from AIAA. Seeking her advice on STEM promotional activities.
 - One option is for Endri to reach out to STEM educators (92), and figure out a meaningful way to fund some activities...
 - More development to come...

- **Open Committee Positions – More volunteers wanted!**
 - Public Policy supporting Phil Hattis at Draper. He is a former Vice-President for Public Policy.
 - Honors and Awards Event Organizer.
 - Descriptions of the roles available – please email Hiro if you’re interested!

New Services in Development

a) Zoom Online

- **Goals:**
 - Develop online seminars - Several members have offered to present.
 - Develop an online get together / talks for student members.
 - Give students professional-level experience, interaction with professional members.
 - Showcase their research (e.g. a video of their talk with an AIAA logo) that they could add to their resume.
 - Target setting up Zoom webinar once a month

- **Expert Presentation & Talks (Medhi, Qiana, Endri, Umaga, Gary & Hiro):**
 - **Scheduled talks:**
 - Sept/16: Ian Dargin: “Method and apparatus for removing orbital space debris from near-Earth orbit using the Solar Wind”, hosted by Qiana
 - Oct/TBD: Ed Bertschinger (Oct): “APS-IDEA strategy”, Hosted by Endri
 - Oct/15: Anita Sengupta (Oct 15 – To be confirmed): “BU Talk”, Hosted by BU (Sheryl Grace)
 - **November / December Webinar Candidates:**
 - Constantine S: 3D metal & composite printing / Additive manufacturing technologies.
 - Gary & Umaga putting together a bio & plan.
 - Jeff Sounders: Autonomy Chief Eng Air taxi talk (Gary).
 - Student/student groups to present (WPI Rocket Team, WPI Jet Engine Team, etc...), Hosted by Medhi

- Other future talks:
 - Bruce Mackenzie – He has a topic in mind...
 - Elad Kivelevitch: AIAA Intelligent Systems TC.
 - Ask WoAA to present (?).
 - Zoom Student Chapter Get together (David Guo).

- **More volunteers wanted!**
 - Qiana and Endri are interested in hosting the Zoom webinar – Hiro to give training.

b) AIAA-NE LinkedIn / AIAA Engage website (Hiro)

- Endri is interested in LinkedIn and Website management.
- Activities on AIAA-NE LinkedIn Site.
 - Posted Dr. Moussa’s webinar – Attracted 40+ more views.
 - We had 53 visitors, added 2 more followers (total 9) – Working on gaining more followers:
 - Keep posting Webinars, events info & blogs.
 - Send invitations out via AIAA Engage.

- Activities on AIAA-NE Engage website:
 - Hiro started to edit & add content.
 - Updated:
 - Main landing page
 - Added AIAA-NE LinkedIn URL and Zoom meeting (Monthly Council Meeting) info on the top.
 - Moved Latest Discussions and Upcoming Events blocks to the top.

- To do list:
 - Add Medhi & Endri on the Committee page.
 - Add event calendar on the website.
 - Share Phil Hattis’ ppt on Public Policy / Congressional Visit.
 - Start a page on Diversity & Inclusion.
 - Add the STEM educators page.
 - Review the site traffic and report.

Professional Activities & Events Planning

- All in-person events are postponed to 2021 due to COVID:
 - Red Sox Game Social Event (Scott).
 - Collings Foundation Event / Student Display / STEM Promotion (Hiro) .
 - Pratt and Whitney Hanger Museum Tour (Hiro).
 - Student Aircraft Event (David W).

Old Business

- “Remove before flight” tags – Work in progress.
- AIAA property - 1x Table, 20x Water Bottles – Currently they are stored in Scott’s cellar.

New Business

- Develop a modified budget as things start happening.
- Train more Zoom hosts.
- Develop a “Goals and Vision” statement for the web site.
- Endri writes a blog on Space Summit?.