

Meeting Agenda

Time & Date: 7:00 pm, Thursday, Feb 16th, 2023

- Zoom Meeting: <https://aiaa.zoom.us/j/81217171977> with 16 attendees

AIAA-NE online information:

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

1. Opening Remarks & Administration:

- Opening Comments / Highlights since the last meeting:
 - Report on the “Night with Industry” event at MIT on Jan 31, 2023 (Shreyas).
- Finances / Expenditures (Osa)
 - 1. Key updates:
 - Successful NWI event: \$1464.22
 - \$500 Diversity funding grant received from AIAA National for NWI event
 - Veazie Community School – STEM Grant: \$250
 - 2. Current balances: \$16,412.16
 - Checking: \$ 6,397.07
 - Savings: \$10,015.09
 - 3. Expenses: \$7,122.66 (vs. Budget \$11,870)
 - AIAA Pens Purchase: \$628.35
 - Postage cost (Speaker Pens): \$224.25
 - Students visit to Test Devices (Food): \$138.34
 - Model Aviation Club DBF Activities: \$995.00
 - AIAA NE Awards, Jade Glass Paperweights/Photos: \$2,699.71
 - Postage costs (Awards): \$362.20
 - Dan Raymer Book Purchase: \$475.20
 - Postage costs (Webinar speaker gifts): \$58.27
 - Wentworth Student Branch “Aerospace Club” Visit: \$77.12
 - Early Career Night With Industry: \$1464.22
 - Pending - STEM Educators' Grant, Christian A. North: \$260.00
 - Pending - STEM Educators' Grant, Veazie Community School: \$250
 - Pending - Brockton High School ARC support: \$1,397.67

2. Reports by Committee Chairs & Activity Leads:

- STEM & DEI (Osa)
 - \$250 STEM & DEI Grants (Osa, Hiro, Charlie).
 - Veazie Community School – STEM Grant: \$250
 - Bangor High School – STEM Grant: \$250 (Pending)
 - Arayan Nagarkatti – Interested in applying for the grant (Pending)
- College Outreach (Phoenix, Charlie)
 - Phoenix working on organizing an inter-college webinar session.

- The goal is to have a regular meeting with the student branches with a potential in-person event at the end of the year
- Madison Cash of ERAU, an ex-RTX intern is ready to present. A potential platform could be a student branch event in March - volunteers are needed.
- College Branch Activities / Updates from Advisors
 - WPI (Paul Coccomio): HPRC | WoAA | WPI Turbine Project (Peter Dentch)
 - First campus engine firing last month was successful: [Wren75 startup in WPI test stand](#)
 - Middlesex Community College (MCC) - Model Aviation Club (Christian).
 - Presentation from Akshada Guruvayur and Nishi Agrawal, based in Edison, NJ
 - Will be a potential aerospace america article, can invite them to the H&A event as well
- Professional Development & Outreach

Zoom Webinars (Shreyas)

 - Feb 23, 2023. By Dr. Andrew Breuder: Aerospace Medicine: History and Involvement

Next Speaker:

 - March 16, 2023, Dr Sunil Patil: Hybrid Electric Propulsion Systems and MBSE, ANSYS

Potential speakers:

 - TBD MIT student project presentation (Phoenix) - perhaps OBE. Will be a part of the student branch event
 - BU liquid rocket motor project (Hiro, Jason to follow up) - perhaps in Sept/Oct 2023 as an in-person event
 - April is open (perhaps Dan Adamo - Distinguished Speaker is an option, Jason to inquire)- Honors & Awards:
 - One additional award issue for Eric Griffin (U-ME).
 - Update on the AIAA-NE Awards – 51 awards total (6 Large trophies / 45 paperweight awards)
 - MIT – Done. In conjunction with NWI event on Jan 31.
 - WPI - Award ceremonies planned on Feb 14 – with an HPRC team picture-taking event
 - Presented to 14 students with almost 90 members of the club attending
 - Awards photo: [AIAA Awards 2-14-23-E1-Enhanced.jpg](#)
 - HPRC new team photo: [HPRC 2022-23 Team Photo \(2\).jpg](#)
 - BU – Feb 22. Shreyas and Albert will participate.
 - MIT Lincoln Laboratory: 7 awards being presented February 17, 2023
 - WIT - seven glass awards delivered on Nov 8, 2022. Paper certificates will be presented soon
- Membership Outreach (-):
 - New volunteers wanted!
- In-person event for 2022/2023:
 - Next event:
 - AIAA-NE Banquet Dinner (Spring)
 - Shreyas has started to work on this event - Targeting an event in April or May 2023.
 - Venue perhaps at Draper (Charlie to check with former council member)

- Other event ideas & proposals in plan:
 - New MIT Museum visit (TBD).
 - Check the revised date for the Apollo 17 event and reschedule.
 - Collings Foundation – STEM Day with Students (June 2023).
 - WPI team (Peter Dentch) is interested in organizing the day.
 - New England Air Museum, Windsor Locks, CT <https://www.neam.org>

3. Other

- Hiro will be taking paternity leave from Feb 13, 2023. Jason has agreed to chair the Feb section meeting on 2/16th.

4. Action items

- When could UMaine visit Boston area branches - needs coordination
- Explore a possible connection with UMaine and Christian's link into MIT's Native American Students Association in Bangor/Indian Island schools through MIT staff advisor Nancy Dalrymple. Indian Island is only 10-15 minutes from U Maine. Alex Friess may still be looking for activities for his branch -Charlie is working on this
- get the RAC I charts posted which Shreyas attended from all sections - should be interesting since Sheryas said we are 2nd most active
- As we understand it, future funding comes thru Region I so we need to keep them in the loop and perhaps help them
- Apollo heat shield material and video to Mass Air & Space Museum in Hyannis - we've lost track of this activity
- Get organized to support the Collings Foundation/American Heritage Museum event on 17/18 June with the jet engine and other activities
 - Bu and Northeastern have also participated before to great effect.
 - Scott Stadler (previous chair) had a table at a previous one we attended with swag including water bottles
 - Hunter Chaney has asked for a write up and photos for their publicity
- Send a list of Draper employees in AIAA to former councilor Rob Filipek. He reports that he needs the list to impress Draper Admin and perhaps find someone to be our interface. Draper has 35 listed in our December roster, including 7 Fellows. 14 are Drs. - Charlie
- Are all recent events written up and posted? And some sent in for publication in Aerospace America?
- Are dates set for all student branch award presentations? - Charlie et al