

Meeting Agenda

Time & Date: 7:00 pm, Thursday, March 23rd, 2023

- Zoom Meeting: <https://aiaa.zoom.us/j/85893471341>

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:
 - Section Officer Election | Call for nomination is now open | Due June 01, 2023 (Hiro)
 - By April 15: Nominating Committee presents its slate to the council.
 - By April 22: The committee shall combine that slate with nominations from the membership.
 - By May 1: If an election is required for contested slots.
 - By May 20: Voting closes.
 - Committee determines the winner(s).
 - On June 1: New councilors take office.
- Finances / Expenditures (Osa)
 - 1. Key updates:
 - Section Audit-Budget Report – Due June 30th
 - Gibbon's Middle School (\$250 STEM Grant)
 - 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
 - Successful NWI event: \$1464.22 | \$500 Diversity funding grant received from AIAA National

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)
 - Gibbon’s Middle School: STEM Grant \$250 (Pending)
 - Arayan Nagarkatti – Interested in applying for the grant (Pending)
- College Outreach (Phoenix, Charlie)
 - Update on the inter-college webinar session:
 - Attendees: Madison Harper (Wentworth Institute of Technology), Katherine "Katie" Holmes (University of Maine), Endri Lesha (Ironstar Engineering), Thomas "Phoenix" Robbins (Raytheon Technologies), Taisiya Rykova (Wentworth Institute of Technology), Charlie Wilson
 - A field trip involving a meeting in New York was proposed by Katie Holmes of the University of Maine (UMaine).
 - Katie indicated that AIAA was started at UMaine in 2018, with a rocket launch planned in 2024.
 - At Wentworth Institute of Technology, eight people plan to attend Design Build Fly (DBF) in Arizona from April 13-16, 2023.
 - Compiling a list of school events in New England was also mentioned during the meeting.
 - Presentation by 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 Coccomo): HPRC | WoAA | WPI Turbine Project (Peter Dentch)
 - 2023 HPRC Project Presentation Night March 28th, 6:00-8:30 pm.
 - Middlesex Community College (MCC) - Model Aviation Club (Christian).
 - Burlington High School is looking for Mentors for their Spring Capstone program. A group of students is interested to do their project in drones and work toward their FAA Part 107 license.
- Professional Development & Outreach

Zoom Webinars (Shreyas)

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

Next Speaker:

- April 13, 2023, Dan Adamo: “40 Years on the Bleeding Edge of Technology from an Aerospace Engineer’s Perspective.”
- TBD: Andy Brown: “Structural Dynamics of Liquid Rocket Engines”
- Reach out to Amanda Simpson either for a webinar or the H&A event

Potential speakers:

- TBD MIT student project presentation (Phoenix) - perhaps OBE. Will be a part of the student branch event
- Astro

- BU liquid rocket motor project (Hiro, Jason to follow up) - perhaps in Sept/Oct 2023 as an in-person event
- 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)
 - i. BU – Feb 22 with Shreyas and Albert
 - ii. MCC - Jan 27, Charlie
 - iii. MIT – In conjunction with NWI event on Jan 31, Shreyas
 - iv. MIT Lincoln Laboratory: 7 awards presented by the Director February 17, 2023, Osa
 - v. SNHU - March 23 or 24 - tbd, Charlie
 - vi. U Mass Lowell - tdb, Charlie and others?
 - vii. U Maine - April 1 with Dept Chair, Rais-Rohani
 - viii. WIT - Seven glass awards Nov 8, 2022. Paper certificates on March 21, Charlie
 - ix. WPI - Award ceremonies on Feb 14 – with an HPRC team picture-taking event, who?
 1. Presented to 14 students with almost 90 members of the club attending
 2. Awards photo: [AIAA Awards 2-14-23-E1-Enhanced.jpg](#)
 3. HPRC new team photo: [HPRC 2022-23 Team Photo \(2\).jp](#)
- 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 search ongoing perhaps at MIT LL, Draper (meeting on March 27th)
 - 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

- Newly formed Aerospace Student Club from NY - Introduction and presentation.

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 to the Maine Indian Education schools.
 - MIT staff advisor Nancy Dalrymple is assisting

- One school is the Indian Island school for Penobscot students is only 10-15 minutes from U Maine in Orono. The two others are in Indian Township and Pleasant Point (Passamaquoddy). These two are 98 and 115 miles northeast of U Maine, Orono.
- 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 - Jason and Textron Systems Legal working with the museum
- 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, Charlie to investigate possible activity this year.
 - Scott Stadler (previous chair) had a table at a previous one we attended with swag including water bottles
 - Rick DeMeis (former Chair) is returning our large and podium sized banners
 - Hunter Chaney has asked for a write up and photos for their publicity
- 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? - Only U Mass Lowell remains to be determined
- Inventory, determine needs and order more swag as needed