

Meeting Agenda

Time & Date: 7:00pm, Thursday, Nov 17th, 2022

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

AIAA-NE online information:

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

Apologies: Osa

Attendees: Hiro, Charlie, Shreyas, Phoenix, Jason, Paul, Drew Breuder

1. Opening Remarks & Administration:

- Opening Comments / Highlights since the last meeting
 - Kevin Burns (History Committee) is looking for a volunteer to curate and write about the history of the AIAA New England section.
 - He is willing and interested in mentoring and coaching.
 - History goes a long way back with the Institute of the Aeronautical Sciences (IAS) and the American Rocket Society (ARS).
 - Dr. Robert Goddard (the father of modern rocketry) was a member of the ARS, and at the time of his death was a member of its Board of Directors.
 - Naval Air Reserves was started in New England.
 - Amelia Earhart spent several years as a teacher and social worker in Boston.
 - David Lasser (founder of the ARS) was an MIT graduate.
- Finances / Expenditures (Osa)
 - 1. Key updates:
 - We expect a reduction in income this year (ref. message from the National office).
 - We are yet to receive income this year...
 - 2. Current balances: \$18,015
 - Checking: \$3000.52
 - Savings: \$15,014.58
 - 3. Expenses: \$4885.94 (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, 46 Jade Glass Paperweights/Photos: \$1,942.00
 - Pending - STEM Educators' Grant, Christian A. North: \$260.00
 - Pending - AIAA NE Awards, 6 large flames (\$58): \$348.00 + tbd shipping
 - Pending - Dan Leimers Books (\$475)
 - Cost of visiting students branches, tbd (Cost of visit to WIT on Nov 8 was more than expected because cafeteria raised rates)
 - The pending ones are Dan Raymer's book costs and pens for 4 speakers(shipping only)

2. Reports by Committee Chairs & Activity Leads:

- STEM & DEI (Osa)

- \$250 STEM & DEI Grants (Osa, Hiro, Charlie).
 - No new application.
- College Outreach (Phoenix, Charlie)
 - Arrange a zoom with all student branch leaders/ advisors (Phoenix)
 - Visit to Wentworth on Nov 8 (Charlie)
 - Support for students who members investigating internships - high priority
- College Branch Activities / Updates from Advisors
 - WPI (Paul Coccomo)
 - HPRC
 - Result of flight test
 - Presenting to the AIAA community in January
 - WoAA
 - WPI Turbine Project (Peter Dentch)
 - Performing an on-campus demo soon.
 - Middlesex Community College (MCC) - Model Aviation Club (Christian).
 - Happy to report that the club is operating with new members, sometimes without him!
 - Charlie proposes to spend 1/2 of this year's funding from members' dues to rebuild the student branches which were impacted at several schools by covid.
 - Promote AIAA student memberships which are a bargain at \$30/year.
 - Visit as many as many as possible (councilors, alums and local members)
- Professional Development & Outreach
 - Zoom Webinars (Shreyas)
 - Report on Nov 2022, "Hypersonic Air Breathing Weapon Concept (HAWC) FT-1B Success Story", by Nicholas E Giovannucci (Phoenix/Shreyas).
 - Working with John and MIT GWE, WeLEAP to organize an early career event
 - Next Speaker:
 - WPI Rocket failure investigation- Jan
 - Aerospace medicine-Feb
 - Hybrid electric & MBSE- March
 - Potential speakers:
 - 2023, "Raytheon Intern Students' Presentation", (Phoenix)
 - TBD WPI HPRC Rocket Failure Investigation (Troy Otter)
 - TBD MIT student project presentation (Phoenix)
- Honors & Awards:
 - Update on the AIAA-NE Awards
 - 6 Large trophies / 46 paperweight awards
 - Award letters to students
- Membership Outreach (Jason):
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- In-person event for 2022/2023 (Hiro):
 - New MIT Museum visit (Dec 2022).
 - Promo material is ready. Plan to launch the campaign next week.
 - Special event on December/10th to mark the 50th anniversary of Apollo 17 has been postponed until 2023.
 - Alternative event is planned on Dec 18th, 1-3 pm – Special display of artifacts related to air and space history. Hiro will inquire more about this event.
 - Collings Foundation – STEM Day with Students (June 2023).
 - WPI team (Peter Dentch) is interested in organizing the day.
 - AIAA-NE Banquet Dinner (Spring)
 - Targeting an event in April or May 2023.
 - New England Air Museum, Windsor Locks, CT <https://www.neam.org>

3. Other

- Investigate what AIAA can do to help SNHU reintroduce flight training to their Aviation Program
 - New England Section, Region I, National, Foundation (Charlie)
 - Suggested holding a zoom on this topic in February (Col. Andrew Breuder who teaches Human factors in Aviation)
 - Drew Breuder and Steven Bauer (AIAA Region I chair) will lead on this