



Delaware Section

July 2023

Published by and for the members of the AIAA Delaware Section

MESSAGE FROM THE CHAIR

Delaware Section Members –

Welcome to our 2022-2023 AIAA year! We are excited to announce your section council members and what we have going on!

It is with pleasure that I announce that we have a fully elected council. Mike Mascaro will return as Treasurer, Elishabet Lato will return as Secretary (also a new mom, congratulations!), Ryan Sternberg will be our new Vice Chair, and I will return as Chair for this year. We also have many returning council members with a most recent addition of Nick Rogers as our Webmaster! Thank you all for your support and reinvigoration for this coming year.

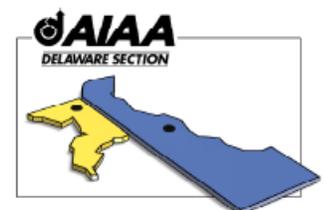
While nearly full, we do have STEM and other positions available and would love to hear from you.

Please make sure to take a look at the upcoming activities and be sure to tell us more of what you want to see. As we really have ramped up activities, we will look to engage more and hope to see you at one. The council will meet next week and will send out our focus for this year and lay out a calendar of activities. We will also be using our engage and social media platform more so you won't miss what's going on. I am honored to get us going again this year.

Thank you for being a member!

Dan

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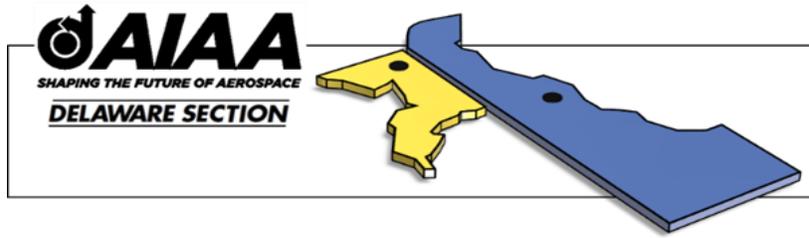
Around AIAA, Industry, and Our Section

Technical Activities Division (TAD) News

- Did you know that over 300 books and over 5,000 new technical papers per year are available? See the AIAA website at [Publications | AIAA](#) to take a look for what interests you!
- The 2023 Aviation Forum concluded in San Diego in June with a few Delaware section members in attendance. See the AIAA site for more information on this important and informative set of sessions and papers.
- Several short courses will be available soon from the Technical Activity Division (TAD) of AIAA. See [Events & Learning | AIAA](#) for more details.
- If you are interested in advancing in your AIAA technical career, please contact Dave McGrath at David.k.mcgrath@ngc.com to set up a discussion and path forward.

July History Corner with Dave McGrath

- On July 4, 1997, the Mars Pathfinder lander and Sojourner rover touched down on Mars after a six month journey. Elkton built the retros and airbag inflators. ILC Dover built the airbag system around the inflators. A huge success for Delaware section members!
- On July 15, 1975 the final Apollo mission was launched for the Apollo-Soyuz mission. This mission, like all others in the Apollo program was supported by Elkton-made rocket motors.
- On July 4, 1968 a Delta 1913 vehicle with a STAR 37D third stage (modified from the Surveyor program) and a STAR 17 upper stage for the NASA Goddard Radio Astronomy Explorer was launched.
- And of course, on July 16, 1969 Apollo 11 was launched from Cape Canaveral for the historic Moon Landing a few days later aided by 13 Elkton-made solid rockets. “Hard to believe it was 54 years ago when I watched it all on a 19 inch black and white TV. Little did I know then that I would meet Neil Armstrong and Buzz Aldrin in the course of my career and that I would work at Elkton where support of the Saturn V was a large program.”



Call for Nominations: AIAA Delaware Section Engineer of the Year 2023

**Do you know an engineer worth of recognition?
Nominate them!**

The AIAA Delaware section has established a Delaware Section Engineer of the Year Award to recognize a local engineer who has made a recent, individual contribution in the application of scientific and mathematical principles leading to a significant technical accomplishment. In order to be considered, an individual must be nominated based on a significant, recent contribution (in the last 2 years). Self-nominations **ARE** permitted and AIAA membership is **NOT** required for nomination. Nominee must reside or work in New Castle County, Kent County, Sussex County in Delaware, or Kent County or Cecil County in Maryland. The winner will be announced in September 2023.

Award Recipient Receives:

- Paid one year membership to AIAA
- Free admission to the 2024 AIAA DE Section Awards Banquet
- Nomination advancement to the 2024 AIAA Engineer of the Year Award

Deadline: August 14, 2023

Request nomination form from:
Tim Dominick (Timothy.Dominick@ngc.com)

AIAA DE Section Podcast Series

- Recording for the AIAA Delaware Section Podcast is underway! Interested in being a guest? Or recommending someone you'd like to hear on the show? Reach out to Mike Mascaro (Michael.Mascaro@ngc.com) to find out more.

A Reminder for The Upcoming Blue Rocks Outing!

AMERICAN INSTITUTE OF AERONAUTICS AND ASTRONAUTICS

AIAA Outing To

SHAPING THE FUTURE OF AEROSPACE



What: ~~40 picnic area tickets available~~ **SOLD OUT**

When: Thursday, July 20th, 2023 at 6:30pm

Where: Frawley Stadium
801 Shipyard Dr., Wilmington, DE 19801

Cost: AIAA Members: \$10
Non-Members: \$15
Children(3-12*): \$5
*Children 2 & Under Free

Cost Includes: Admission to the game, seating in the picnic area, dinner, and soft drinks

~It's also Beer 30 night! Dogfish Head specials ahead of start~

For reservations, contact:
Dan Nice – (410) 392-1311; daniel.nice@ngc.com

RSVP by July 7th, 2023

For more information on joining AIAA, contact:
Zach Gent – zachary.gent@ngc.com



2022-2023 Section Members

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| Chair: Daniel Nice, Northrop Grumman, (410) 392-1311 Daniel.Nice@ngc.com |
| Vice-Chair: Ryan Sternberg |
| Treasurer Michael Mascaro, Northrop Grumman; Michael.Mascaro@ngc.com |
| Secretary Elishabet Lato, Northrop Grumman |
| College Liaison OPEN |
| Honors & Awards Tim Dominick, Northrop Grumman; Timothy.Dominick@ngc.com |
| Career Enhancement Tim McCardell, Northrop Grumman; (410) 392-1560 Timothy.McCardell@ngc.com |
| Young Professional Taylor Coleman, Northrop Grumman; (410) 392-1100 Taylor.Coleman@ngc.com |
| STEM/K-12 Outreach OPEN |
| Public Policy Di Ena Davis, Northrop Grumman; (410) 392-1194 Di-Ena.Davis@ngc.com |
| Communications Zach Gent, Northrop Grumman; (410) 392-1869 |
| Membership OPEN |
| Technical Dave McGrath, Northrop Grumman; (410) 392-1716 David.K.McGrath@ngc.com |
| RAC Representatives Dan Nice/Noah Gold |

The AIAA Delaware Section

The Delaware Section is part of the American Institute of Aero-nautics and Astronautics, the world's largest technical society dedicated to the global aerospace profession. The AIAA primary purpose is to advance the state of the art, sciences and technolo-gy of aeronautics and astro-nautics and to promote the profession-alism of those engaged in these pursuits. The institute serves as the vehicle for focusing the energies and interests of its members in their own technical and professional development and service to society.

AIAA Website

The AIAA Web site (www.aiaa.org) continues to receive over 45,000 visits per month and serves as a point-of-purchase for memberships, meeting registrations and subscriptions. It also provides access to bibliographic data of AIAA meeting papers for the past five years as well as connections to web sites of individu-al AIAA section chapters.

Membership

We continue to be encouraged by the number of new or prospective members that have recently shown an interest in the Delaware AIAA. If you know of any prospective members, please have them call Zach Gent, to obtain an application. Also, if you wish to be upgraded to Senior Member, Associate Fellow or Fellow, contact Dan Nice for details and an upgrade applica-tion form.

ARE YOU HAVING A MEMBERSHIP OR SUBSCRIPTION PROBLEM?

If you are having a membership or subscription problem you can contact AIAA customer service at 1/800-639-2422 or via fax at 703/264-7657. If the AIAA staff is not responsive, let your AIAA Ombuds-man, John Walsh, cut through the red tape for you. John can be reached at 703-893-3610 or by writing to him at: 8800 Pres-would Place, McLean, VA 22102.

Have You Checked out the AIAA Journal?

AIAA's journals are the best resource for students and profes-sionals who want to stay current on the latest aerospace re-search and devel-opment. Reporting on the most important aer-ospace advances, AI-AA's seven active technical journals feature original research papers spanning the spectrum of aerospace science and technology. They include methods of analysis, technical knowledge, exploratory develop-ment, and new appli-cations. There are over 50 years of archives stretching back to the times of the American Interplanetary Society, predecessor to the American Rocket Society. We have provided a link be-low and hope you take some time to browse all the great infor-mation available to you. <http://www.aiaa.org/journals/>