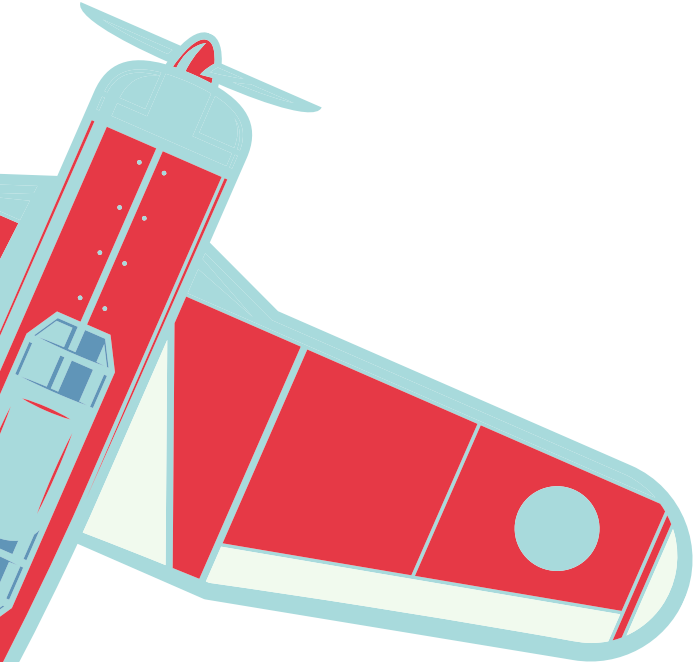


APRIL 30, 2023

SPRING 2023

# THE MEMO

AIAA at ISU - May Newsletter



## HEY THERE!

Hello and welcome to the fourth edition of AIAA Student Chapter at ISU's monthly memo! We're getting near the end of the semester, so stay strong! This edition will go over the major events that the organization has pulled off for this month. We hope that you will enjoy. If you or anyone you know:

- Has suggestions for future events
- Would like to be involved in presenting research

Please email the leadership team at [aiaa.exec@iastate.edu](mailto:aiaa.exec@iastate.edu). We would be glad to hear and implement your ideas.

## Newsletter Highlights

Hey there!

An Insightful Look into a Famous Aircraft

Kicking and Scoring in the Soccer Event

A Panel of Enthusiasts

Trivia Night

AIAA Paper Conference at UMKC

A Grand Finale

Thank you for an awesome semester!

Looking into the Future



AIAA STUDENT CHAPTER AT  
ISU WEBSITE

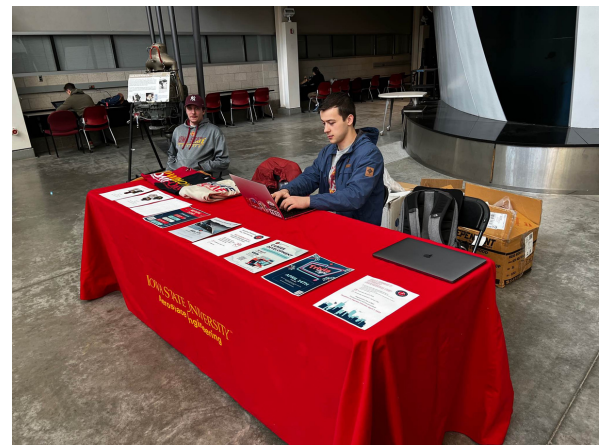
## AN INSIGHTFUL LOOK INTO A FAMOUS AIRCRAFT

On April 5, Dr. Dennis Finley gave a brilliant presentation on his career as well as the design behind Lockheed Martin's SR-72 (DarkStar), made famous by the movie *Top Gun: Maverick*. Dr. Finley is a Lockheed Martin Fellow in Aeronautics, a distinction only given to the most dedicated and highest expertise of engineers at the company. Students learned about important specifications of the aircraft, including the incredible large turning radius at the aircraft's theoretical maximum speed. We would like to thank Dr. Finley for his insight on such a fascinating department in aerospace.



## MERCH PICKUP AND SALES

During the week of April 10, t-shirts and crewnecks were made available to pickup for those who purchased during the original sale a month back. Once again, we would like to thank everyone who bought a shirt or crewneck from the sale. Your support means everything to the organization. AIAA Student Chapter at ISU is considering bringing back merchandise sales for special edition t-shirts and plans to send out a survey to gauge color preferences for the future. Once again, thank you for your support. Your contribution allows us to continue providing for the engineering community at ISU.



## A PANEL OF PROFESSIONALS

On April 12, a panel of Collins Aerospace engineers and managers conducted a Q&A session on important topics in the industry, including skills needed to be in roles like theirs and challenges they face in the industry. This gave important insight into potential careers in the industry. We would like to thank Nick Wijaya (former ISU AIAA president), Anthony Schaefer, Ben Haan, Nate Vanderhorn, Anagha Dinesh Anvekar, and Cat Tellier for taking time out of their busy schedules to talk to undergraduate students about their wonderful company. We would also like to thank Imani Kwizera for coming to support us for this event. Lastly, we would like to thank Taren Reker for helping us organize this event and for being a key support for communications with Collins Aerospace. We are very grateful for everyone's involvement in this event and are proud to have sponsors that inspire future generations to do great things!



## TRIVIA NIGHT

On April 17, the org held a fun trivia night. Students were quizzed on their knowledge of aerospace and ISU through Jeopardy and Kahoot games! There were two types of tags handed out, with one type being "Remove before Flight" and the other being "Remove before Launch." AIAA Student Chapter at ISU would like to thank students for coming out and having fun with us in these series of games.



## AIAA PAPER CONFERENCE AT UMKC

On April 21-22, members and leadership of the organization visited the University of Missouri - Kansas City to attend the AIAA Paper Conference. Everyone was exposed to research topics in aerospace that are important to the advancement modern aerospace technologies and concepts. Leadership and members were also able to participate in a series of events, including simulator challenges. Outside of the conference, the group also attended the World War I Museum. The event went very well overall with the group being able to meet and network with several groups of people, including students, academic faculty and industry professional. We'd like to thank everyone involved in planning this event.



## A GRAND FINALE

With the end of the semester here, the org had a big week planned through having Chris Cakes and a Food Drive. On April 24, Chris Cakes was serving up their delicious pancakes. Over 60 students showed up to have unlimited pancakes. We'd like to thank you for choosing to join us for this fun little get-together to take a break from studies. We would also like to thank Chris Cakes for providing delicious food for the event.

During the week of April 24, the organization also held a food drive to support the ISU food pantry. This was held alongside a third round of merchandise pickups. We would like to thank you for your generosity throughout the week as it has been absolutely overwhelming.



# THANK YOU FOR AN AWESOME SEMESTER!

As an organization, AIAA Student Chapter at ISU would like to thank a lot of people and organizations for an awesome semester. First, we would like to thank you for attending our events as your attendance means everything in making these successful. Second, we'd like to thank our university partner, Make to Innovate, for coordinating with us to bring our events to a larger audience. Last, but definitely not the least, we would like to thank every company that has joined us this semester in creating captivating events as a lot of them would not be possible without them. This organization has gone through massive changes since last semester to bring industry professionals, academic faculty, students closer together as well as to foster a community that works together to ensure each other's success. None of this would be possible without all of you, so we will always wholeheartedly appreciate each and every one of you.



## LOOKING INTO THE FUTURE

While we are wrapped up for the Spring 2023, we've already got a few events planned for the next semester. Keep a look out for further announcements as we are cooking up some spicy events! Here is a sneak peak of a few potential events planned for the next semester:

### COLLINS AEROSPACE

#### SPACESUIT TALK - TBD

Want some insight into how a spacesuit is designed? Join us as Collins Aerospace's Julie Strickland speaks about this and her career journey in this professional speaker event.



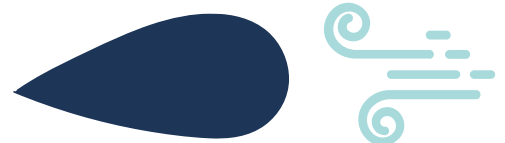
### A LOOK INTO NASA'S ARTEMIS PROJECT - TBD

Join us for an intriguing presentation on the planning behind NASA's Artemis Project through Alicia Cianciolo



### AIRFOIL DESIGN TALK - TBD

Want to learn more about what goes into the design of an Airfoil? Join us as ISU's Ronald Cox gives us a glimpse into his careers and expands on this intriguing topic!





## A Few Messages from the The Board

*"Can't have a networking society without networking events!"*

- President Jonathan M. Hein

*"Here's to building a plane while it flies!"*

- Treasurer Eric A. Rasmussen

*"I can't believe I agreed to add these quotes. Anyways, enjoy your summer!"*

- Media & Recruitment Chair Sanketh S. Narmnada