

Distinguished Lecture with NASA Glenn Research Center Director

The AIAA Northern Ohio Section (NOS) was honored to welcome Dr. James Kenyon, director of NASA Glenn Research Center, to our Distinguished Lecture Series on March 9th, 2023. The event was held at the Ohio Aerospace Institute and began with a reception prior to the lecture, which provided an opportunity for attendees to informally meet with Dr. Kenyon. He was especially enthusiastic to chat with some of our younger members, which was greatly appreciated.

Dr. Kenyon's presentation provided insight into Glenn's current technology research and development efforts, including electrified aircraft propulsion and hypersonics on the aeronautics side, and nuclear power, electric space propulsion, Artemis support and in-situ resource utilization on the space side. He further elaborated on the resulting impacts that these efforts have to the local and Ohio economies.

Following the lecture, he graciously fielded many questions during an extended Q&A session from the enthusiastic audience of over forty attendees, which included former Glenn director, Woodrow Whitlow.

(Text and photos: Edmond Wong)



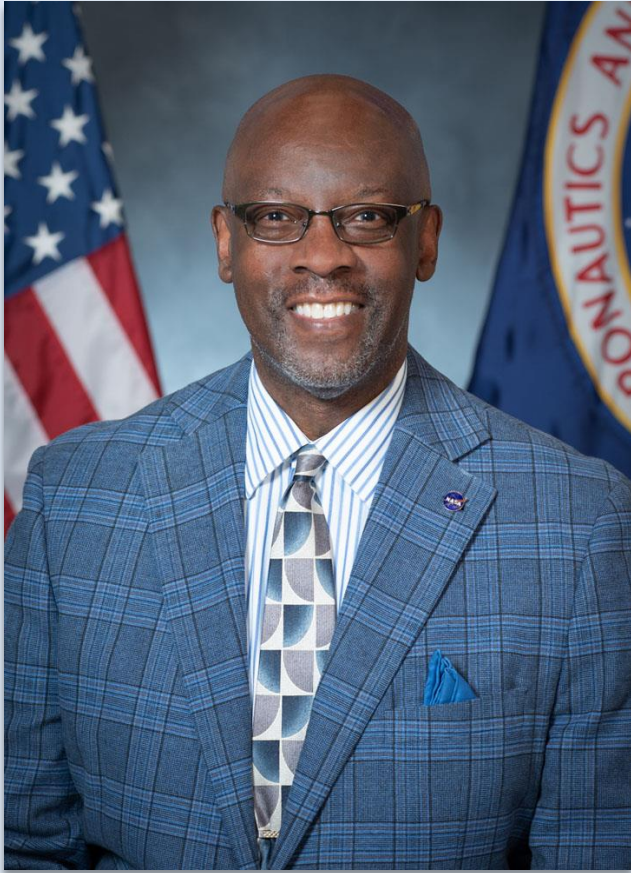
Impromptu gathering of AIAA Fellows, from left to right: Allen Arrington, Mike Heil, Woodrow Whitlow, James Kenyon, Chris Pestak.



From left to right: Edmond Wong (NOS Communications), Halle Buescher (NOS Young Professionals), Ann Over (NOS Diversity and Inclusion), Jonathan Kratz (NOS STEM K-12), James Kenyon, Paul Penko (NOS Treasurer), Chris Pestak (NOS Honors & Awards), Mike Heil (NOS Public Policy), Jonah Sachs-Wetstone (NOS Membership), Rob Bruckner, Joe Connolly (NOS Chair), George Haritos, Emily Armbrust (NOS Vice Chair).

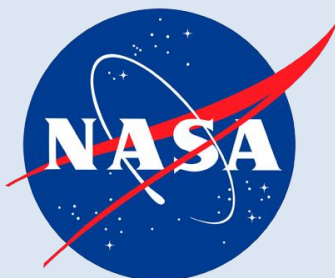


Dr. Rickey Shyne Elected to AIAA Fellows Class of 2023



Dr. Rickey J. Shyne, the Director of Research and Engineering at NASA Glenn Research Center and a member of the Northern Ohio Section, was elected to the rank of Fellow of AIAA. Rickey is recognized for the significant impact he has made on the aerospace profession throughout his 39-year career at NASA as a researcher and manager.

Congratulations Rickey!



IWASM Lecture Featuring Sandra Durbin

By Ann Over, Diversity and Inclusion Chair

AIAA NOS Diversity and Inclusion Chair, Ann Over, represented the Section at a dinner and lecture with Sandra Durbin, the first Black female Air Traffic Controller in both the U.S. Navy and the United States.

At the March 24th event, held by the International Women's Air & Space Museum (IWASM), Ms. Durbin shared her inspiring story of growing up in a poor, segregated area in California, and joining the Navy to become an Air Traffic Controller at age 19. She later worked as a telephone company technician, and eventually worked in local government to protect the rights of citizens. She is Commander in the California AmVet organization and daily helps veterans to reintegrate into society. Ms. Durbin is also an active speaker for both kids and adults of all ages.



From left to right: Ann Over, Commander Sandra Durbin, and Sara Fisher (Executive Director of IWASM).



Distinguished Lecture on the Artemis Program from a Personal Perspective

By Ann Over, Diversity and Inclusion Chair

On February 1, 2023, Carlos Garcia-Galan, Manager of NASA's European Service Module Integration Office provided a Distinguished Lecture on "The Artemis I Mission: First Step of the Artemis Generation" in the Presidents Room at Ohio Aerospace Institute.

Mr. Garcia-Galan covered the rationale and long term vision for the Artemis Program, the Artemis I technical results, and shared his personal experiences from inside the Launch Control Center at KSC and the Mission Control Center at JSC for the Artemis I launch and mission. His enthusiasm for the Artemis Program was contagious.

The event was well-attended by dozens of attendees, including professionals and students, who actively engaged with Mr. Garcia-Galan during a post-lecture Q&A session.



A Year of Great Young Professional Outings

By Halle Buescher, Young Professionals Chair

It has been quite an eventful year for the AIAA Northern Ohio Section's Young Professional (YP) members. We organized four successful social outings, which were fun, varied and well-attended.

Kicking things off on Friday, August 25, 2022, a group of young professional members went bowling at Mahall's 20 Lanes in Lakewood. We spent the evening in the basement of this 70s themed bowling alley with a bar that serves a killer chicken sandwich and is known for its local indie music scene. It was clear who practiced, but our scores didn't keep us from having a good time! At the end of our bowling reservation, we decided to stick around for a bit longer. We shared recommendations for various restaurants, favorite movies, and must-see places in Cleveland for our new members.

Next on Saturday, September 24, 2022, Halle organized a sailing adventure out to Lake Erie on her family's J111—a 36-foot racing sailboat. Halle has been sailing her entire life, with a US Sailing Level 1 Certification, and one of her favorite things to do is to introduce new people to the world of sailing. The group of excited participants met at the dock in Mentor



Hofbräuhaus: from left to right, counter-clockwise: Joey Pinakidis, Erin Gallagher, Kristina Vailonis, Chris Giuffre, Erik Stalcup, Isaac Fagerstrom, Andrew Shi, Megan Dobos, Jess Cashman, Halle Buescher, Jonah Sachs-Wetstone.



Mahall's 20 Lanes: Front row, left to right: Halle Buescher, Aria Anthor, Jackie Tierney. Back row (standing), left to right: Kevin Eliason, Jonah Sachs-Wetstone, Aaron Hensley, Will Banks

and received instructions on the boat and its operation before heading out to the lake. After about two hours of fun and excitement on the water, the group headed back to the dock to end the day by enjoying some pizza.

Once winter arrived, a sizable group of fifteen members gathered on Thursday, December 1, 2022 to cheer on the Cleveland Monsters hockey team as they took on Rochester. Although Cleveland lost the game, the group had a fantastic time. Takeaways from the night: 1) when the Monsters score a goal, there is a VERY loud boat horn that sounds off and we were lucky enough to be sitting right in front of it, 2) next time we should do something that facilitates communication better.

Finally, we had a great turnout for a social outing on Friday, March 24, 2023 at Hofbräuhaus Cleveland! We managed to pack all eleven of us into one table to enjoy a wonderful evening of food, drink, and conversation. Adding to the festive mood was live music by "Fred Ziwich and His International Sound Machine", shown just behind us in the group photo. They are apparently members of the National Cleveland-Style Polka Hall of Fame and Museum! They regaled us with lively songs including "They Don't Have Beer in Heaven" as well as a cover of John Denver's "Take Me Home, Country Roads".

Thanks, everyone, for coming out to join us on our outings! We look forward to another year of opportunities to connect with one another.



Sailing Adventure, from left to right: Jonathan Litt, Jonah-Sachs-Wetstone, Jackie Tierney, Aria Amthor, Jeff Chen, Halle Buescher, Joe Connolly.



Cleveland Monsters Hockey. Front row left to right: Halle Buescher, Drew Davidson, Marc Frances, Isaac Fagerstrom, Jackie Tierney, Aria Amthor, Ciara Cipriani, Jessica Cashman, Santino Bianco, and Jordan Carman. Back row left to right: Jonah Sachs-Wetstone, Adam Rice, Sean McDarby, Kristina Vailonis, Lillian Miller.

Section Meet-Up at SciTech 2023

It was great meeting up with all the AIAA NOS members attending the American Institute of Aeronautics and Astronautics SciTech Forum, which took place January 2-5, 2023 at National Harbor, MD. Thanks to everyone for stopping by to chat and enjoy some coffee and donuts. It was a great way to show NOS representation! Thanks to Jonah Sachs-Wetstone, our NOS Membership Chair for organizing the meet and Joseph Connolly, our NOS Chair for the awesome photo!



Wings of Women STEM Conference

By Ann Over, Diversity and Inclusion Chair

On October 8, 2022, the International Women's Air & Space Museum (IWASM) hosted their annual all-day conference called "Wings of Women STEM Conference (WOW)" at Burke Lakefront Airport where the IWASM is located. The WOW event connects high school girls ages 14-18 with women in various Science, Technology, Engineering, and Math fields. Our own Halle Buescher, AIAA NOS Young Professionals Council Member and NASA Glenn engineer was one of the mentors for these young women, helping make it a successful event. AIAA NOS was also a sponsor of the event. IWASM sent their sincere appreciation for our generous support.



Ohio Defense and Aerospace Forum

By Mike Heil, Public Policy Chair

I was pleased to join many industry, government, and academic officials from around Ohio and to represent our Section at this year's Ohio Defense and Aerospace Forum, which was held October 3-4, 2022 in Columbus. The theme of the event, hosted by the Dayton Development Coalition, was "Ohio's Military Installations, Defense Communities and Industries speaking with One Voice to the Future."

Governor DeWine kicked off the event with a speech emphasizing his commitment to making Ohio the national leader in supporting defense and aerospace. Federal and defense spending supports over 380,000 jobs and a \$69 billion annual economic impact in our state. AIAA's public policy objectives to support aerospace research and development, workforce development, and the growth of the aerospace industry align very closely with Ohio's strategy to grow aerospace and defense. NASA Glenn Center Director Dr. Jimmy Kenyon served on the Forum's Research and Development Panel and gave a very informative and comprehensive overview of GRC's diverse activities and capabilities. I had the opportunity to talk with Jimmy, Les Lyles (NASA Advisory Council Chair General – retired) and many other elected, state, industry, and economic development officials at the Forum.

Governor DeWine's call to action summarizes his commitment to aerospace: "As Ohio and Ohioans led this nation into the Air Age



Ohio Aerospace and Aviation Technology Committee Chair, State Representative Adam Holmes Addresses the Forum

of the early 20th Century and the Space Age of the later 20th Century, so will Ohio and a new generation of Ohioans lead this nation into the Aerospace Age of the 21st Century!"



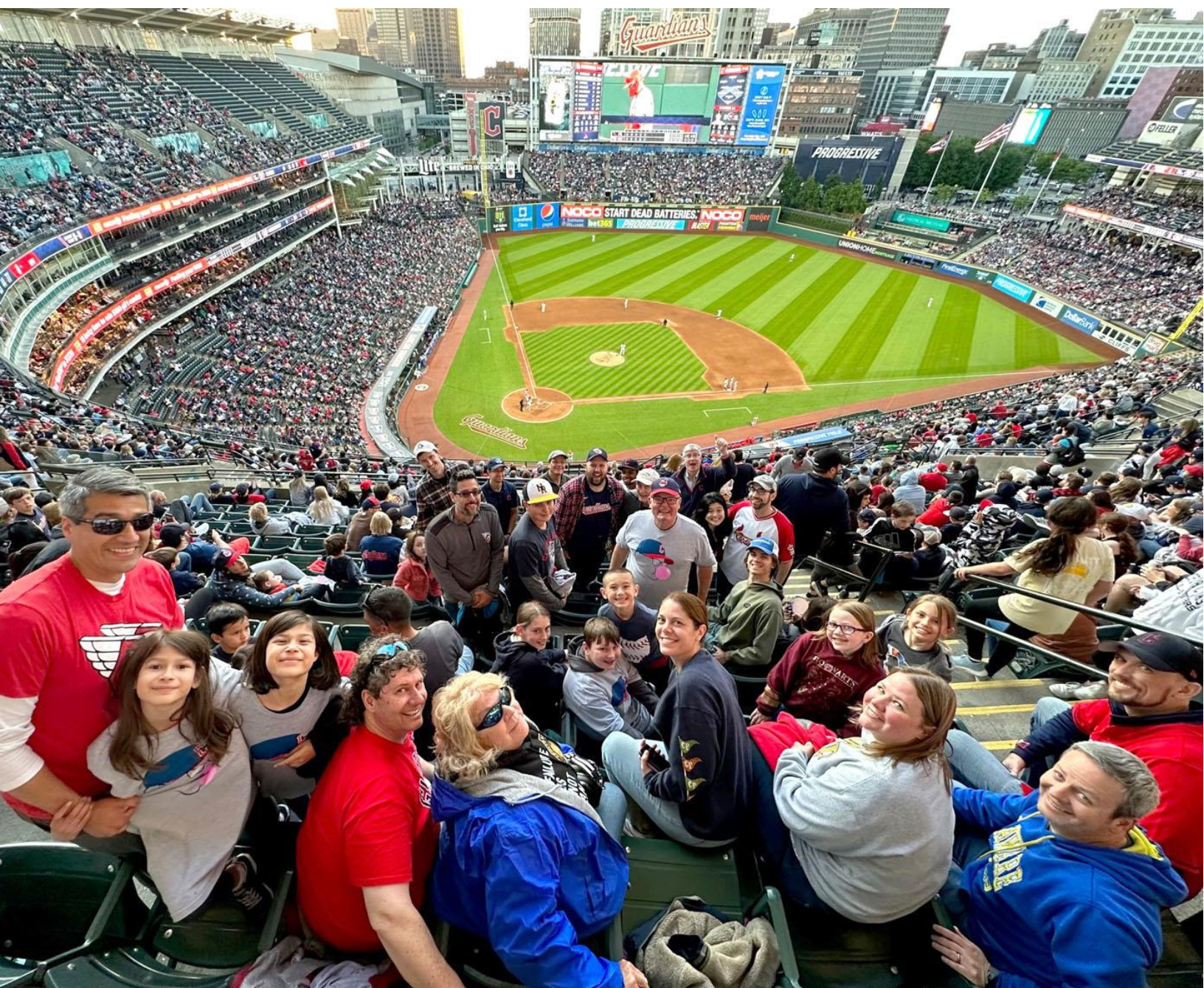
Forum Attendees from around the State (left to right): Rick Perales (Greene County Commissioner), Mike Heil, Mickey McCabe (Ohio University), Howard Thompson (EHM Advisors), J.P. Nauseef (JobsOhio President and CEO), Patrick Golembiewski (V2 Technology CEO), and Jeff Hoagland (Dayton Development Coalition President and CEO).

Section Night Out at the Ballpark Summer of 2023

By Joe Connolly, Section Chair

On Friday May 26th, 2023 AIAA NOS members, families, and friends joined over 27,000 other fans at Progressive Field to cheer on the Guardians as they took on the St. Louis Cardinals. The Guardians put on a great performance and came out ahead to defeat the visiting Cardinals by a score of 4 to 3 runs.

The group outing was attended by 40 AIAA members, family and friends. At the game, a giveaway of free jerseys and dollar dogs were fan pleasers. Following the game, those who stayed were treated to a magnificent fireworks show, capping off yet another entertaining AIAA NOS baseball outing. We look forward to continuing our baseball tradition at our next outing to Progressive Field.





Northern Ohio Section Officers and Council Members (June 1, 2022 – May 31, 2023)

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