



FREQUENT FLYER

American Institute of Aeronautics and Astronautics
Northern Ohio Section

Newsletter - April 2017

AIAA Associate Fellows Recognition Ceremony

The AIAA held its annual AIAA Associate Fellows Recognition Ceremony and Dinner on Monday, January 9, 2017, at the Gaylord Texan Hotel & Convention Center, Grapevine, Texas, in conjunction with the AIAA Science and Technology Forum and Exposition. The Northern Ohio Section is proud to recognize the following section members, who were inducted as part of the 140-member class of 2017 Associate Fellows: Jonathan Burt, Victor Canacci, Ann Heyward, Kevin Melcher, Michael Meyer, and Gerard Welch.

During the ceremony each new associate fellow was welcomed by and received a certificate from Jim Maser, AIAA President, and Annalisa Weigel, AIAA Vice-President of Member Services. The grade of Associate Fellow recognizes individuals “who have accomplished or been in charge of important engineering or scientific work, or who have done original work of outstanding merit, or who have otherwise made outstanding contributions to the arts, sciences, or technology of aeronautics or astronautics.” Not more than one in every 150 voting members are elevated to the rank of Associate Fellow each year. *(Photos courtesy of AIAA)*



Jim Maser, AIAA President, giving opening remarks during the dinner and awards ceremony.



The AIAA Associate Fellows Recognition Ceremony and Dinner was held at the Gaylord Texan Hotel & Convention Center, Grapevine, Texas.



Region III Associate Fellows, including: Front L-R: Gerard Welch, Michael Meyer, Kevin Melcher. Row 2 (L-R): Laurence Leavitt (2017 AIAA Associate Fellows Committee Chair), Dan Jensen (Director, AIAA Region III), Annalisa Weigel (VP Member Services). Not shown: Jonathan Burt, Victor Canacci and Ann Heyward.



Gerard Welch receiving award from Jim Maser, President, & Annalisa Weigel, VP Member Serv.



Kevin Melcher receiving award from Jim Maser and Annalisa Weigel.



Jonathan Burt receiving award from Jim Maser and Annalisa Weigel.



Victor Canacci receiving award from Jim Maser and Annalisa Weigel.



Michael Meyer receiving award from Jim Maser and Annalisa Weigel.

24th Annual Young Astronaut Day Inspires Next Generation of Scientists and Engineers

The Young Astronaut Day (YAD) outreach event continued its 24 year legacy at NASA Glenn Research Center (GRC) on November 5, 2016. For the first time, the event was held in the Mission Integration Center (MIC) building where nearly 200 students (grades 1st through 12th) competed in a variety of hands-on engineering challenges. YAD is a grass-roots effort comprising over 50 volunteers across NASA GRC, AIAA, and local universities.

This year's activities, which were all developed by volunteers from NASA GRC, were: Air Rockets, Parachute Drop Challenge, Spudnaut, Lego Space Elevator, Virtual Rocket Challenge, and Gaining Traction on Mars. In partnership with Herschman Architects, the students also participated in a community service activity called Canstruction® during which \$1200 worth of canned food was used to construct a model of the Centaur Upper Stage rocket. Marla Perez-Davis (Deputy Director, NASA GRC) and Peggy Cornell (AIAA NOS Vice-Chair) kicked off the event by welcoming the students who were then treated to key note speaker Astronaut Mike Good. The 30 student teams included a team from Mike's elementary school as well as a team from Pittsburgh, PA. Due to the popularity of the event, the teams are selected by lottery. This year, 20 teams (140 students) had to be turned away due to event capacity restrictions.



Marla Perez-Davis (Deputy Director, NASA Glenn Research Center), Astronaut Mike Good, and Peggy Cornell (AIAA NOS Vice-Chair)

This year's event was co-sponsored by the NASA Exploration Systems Project Office, the Northern Ohio Section of the American Institute of Aeronautics and Astronautics (AIAA), the TFOME Contractor Team of HX5-Sierra Lobo, Jacobs, and MSM Group, and the AIAA Nuclear and Future Flight Propulsion Technical Committee.

A gallery of photos taken at the event may be found at: [Young Astronaut Day 2016 Photos \(Facebook\)](#).



For the first time, Young Astronaut Day was held at NASA Glenn Research Center's Mission Integration Center (MIC) building.



AIAA Northern Ohio Section Mentoring Activities

Northern Ohio Section (NOS) members Joseph Connolly and Kevin Melcher are once again leading a Mentoring Program for the student members of the section. The 2016-2017 program follows a successful pilot program in 2015-2016. The goals of the NOS Mentoring Program are twofold. First, to support AIAA's goal of maintaining a high-performing global aerospace workforce by providing a formal mechanism for more senior AIAA members to share their wealth of experience and knowledge with future aerospace professionals. Second, to increase the benefit of AIAA to undergraduate and graduate students by helping them develop the skills needed for success after completing their degrees, and by providing an opportunity to see how industry and government operate in the real world.

To kick off the current program, Mr. Melcher hosted a Meet & Greet event at the Grayton Road Tavern on October 11. The event provided an informal setting for mentors and mentees to get to know each other prior to pairing. The pairing process was completed, and an orientation teleconference was held on November 3. During the orientation, Mr. Connolly and Mr. Melcher gave an overview of the mentoring program including program goals, schedule, and mentor/mentee responsibilities. The seven (7) mentor-mentee pairs have developed mentoring plans that they are currently pursuing.

Additionally, Mr. Melcher participated as a panel member in a mentoring discussion entitled, "Getting the Most from Mentoring." The hour-long discussion was part of the career workshop, "Tools to Ensure Your Career Success," which was held during the AIAA Science and Technology Forum, January 9-13, 2017, Grapevine, Texas. In response to electronically solicited questions from audience members, Mr. Melcher and other panel members shared their experience and insights as both mentors and mentees. Other panel members included: Brett Anderson, Senior Management Leader, Boeing Defense and Space; Angela Trego, Assistant Professor, Utah Valley University; and Abigail Sevier, Cleveland State University student and mentee during the NOS 2015-2016 mentoring program. The various perspectives provided by the panel were well received by the approximately 40 attendees.

NOS Council Openings

The AIAA Northern Ohio Section is looking for motivated members to fill two NOS Council vacancies. The positions of Membership Chair and Public Policy Chair are currently open. Descriptions and duties associated with these positions are shown below. If you are interested in either of these positions or have any questions, please contact Jim Gilland at james.h.gilland@nasa.gov.

Membership Chair

Maintains section membership records, renewal dates, and time in service. Works with council to develop and promote section activities aimed at increasing membership.

Public Policy Chair

Organizes section public and political interactions, including national AIAA events such as *Congressional Visits Day* and *Aerospace in August*, as well as state or local interactions (panels, information to local politicians if requested).

Get Involved!



An AIAA Mentoring Social was held at Hofbräuhaus in Cleveland on February 13th to bring together mentors and mentees for a fun dinner and discussion. Left to right: Peggy Cornell (mentor), Joe Connolly (mentor), Paul Penko, Alan Peabody (mentee) and Kevin Eliason (mentee). (Photo courtesy of Peggy Cornell)

AIAA NOS Group Outing: Night at the Ballpark

Come watch your American League Champion *Cleveland Indians* take on the Minnesota Twins at Progressive Field on **Friday, June 23, 2017**. We have a block of 30 seats in Section 469. You'll get a great view of the game and the post-game fireworks! The game features *Sugardale Dollar Dog Night* and the first 10,000 fans will receive free *Wayfarer Sunglasses!*



Tickets are just \$20 each – a great discount for AIAA members and their guests (first come, first served).

Reserve your tickets ONLINE by June 16th at: <http://aiaanos.org/events>

If you have any questions, contact: JamesGilland@oai.org or 440-364-3589

Northern Ohio Section Officers and Council Members

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