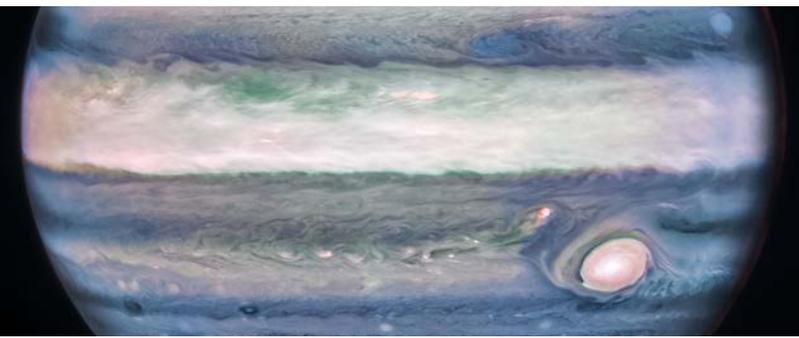




2025 AIAA ELECTION GUIDE

MEET THE CANDIDATES



ELECTION OPEN
[27 JANUARY-21 FEBRUARY 2025]

VOTE ONLINE: aiaa.org/vote



ELECTION OPEN

[27 JANUARY-21 FEBRUARY 2025]

The Executive Nominating Committee is presenting an outstanding candidate for President-Elect. The candidate is highly qualified and is anxious to serve.

The Board of Trustees is chaired by the AIAA President and is composed of the President, President-Elect, Treasurer, and nine (9) Trustees-At-Large. As a member of the Board of Trustees, the President-Elect shall automatically ascend to the office of President as soon as their term as President-Elect is completed. The President-Elect shall be familiar with all the activities of the association, serve as a member of the Board of Trustees and its Executive Committee, prepare for their term of President, and assume the duties of the President in the absence or incapacity of the President. The President-Elect's term of office is May 2025–May 2026.

For 2025, the election will be held from 27 January–21 February 2025, and we will vote electronically. Every member is urged to vote online via the AIAA website. We have taken steps to ensure the voting process is smooth and efficient. We are using the independent third-party vendor, Survey and Ballot Systems, who we have used in the past to monitor the process and the web-based voting system. Anyone who requests a paper ballot will receive one. Please use the electronic voting system if possible but if you need a paper ballot, please request one through Survey & Ballot Systems at 952.974.2339 or support@directvote.net (Monday–Friday, 0800–1700 hrs CST). All ballots must arrive at AIAA or be submitted online through the website, aiaa.org/vote, by 1500 hrs EST, 21 February 2025.



Dana "Keoki" Jackson

AIAA FELLOW

AIAA and its Foundation have been a priority for me, as the premier aerospace professional society, since joining as an undergraduate. It would be a privilege to advance AIAA's mission on behalf of our profession,

members, and affiliates as President-Elect.

This is the most exciting and consequential moment for aeronautics and space in generations. Commercial, government, and international collaborations are achieving new access to orbit and the solar system. Aviation is reshaping domains from hypersonics to air mobility, connecting the globe in new ways. Global challenges including climate and sustainability inspire innovation. Rapid technology advances promise to transform the practice and impact of our field. Aerospace is central to global strategic competition and the prosperity, security, and values of the United States and our allies. AIAA envisions expanding internationally and addressing growing member interests in emerging technologies, while ensuring relevance with new digital channels for our members, and growing student participation through Foundation activities. Success depends on advancement of the diverse professionals who bring their vision, creativity, technical brilliance, partnership, and passion to shape our future together.

I hope to enable AIAA's volunteers—from early career to seasoned professionals—and staff in achieving new heights for aerospace professionals and their organizations through four focus areas: 1) strengthening industry, government, and academic partnerships; 2) building AIAA's international stature; 3) championing growth and diversity initiatives for members and leaders, with increased focus on young professionals and rising leaders; and 4) recognizing our members' impact across sponsoring organizations.

BIOGRAPHY

As SVP of MITRE National Security, I lead the National Security Engineering Center FFRDC. I began my career as a NASA human space flight researcher, then spent two decades at Lockheed Martin

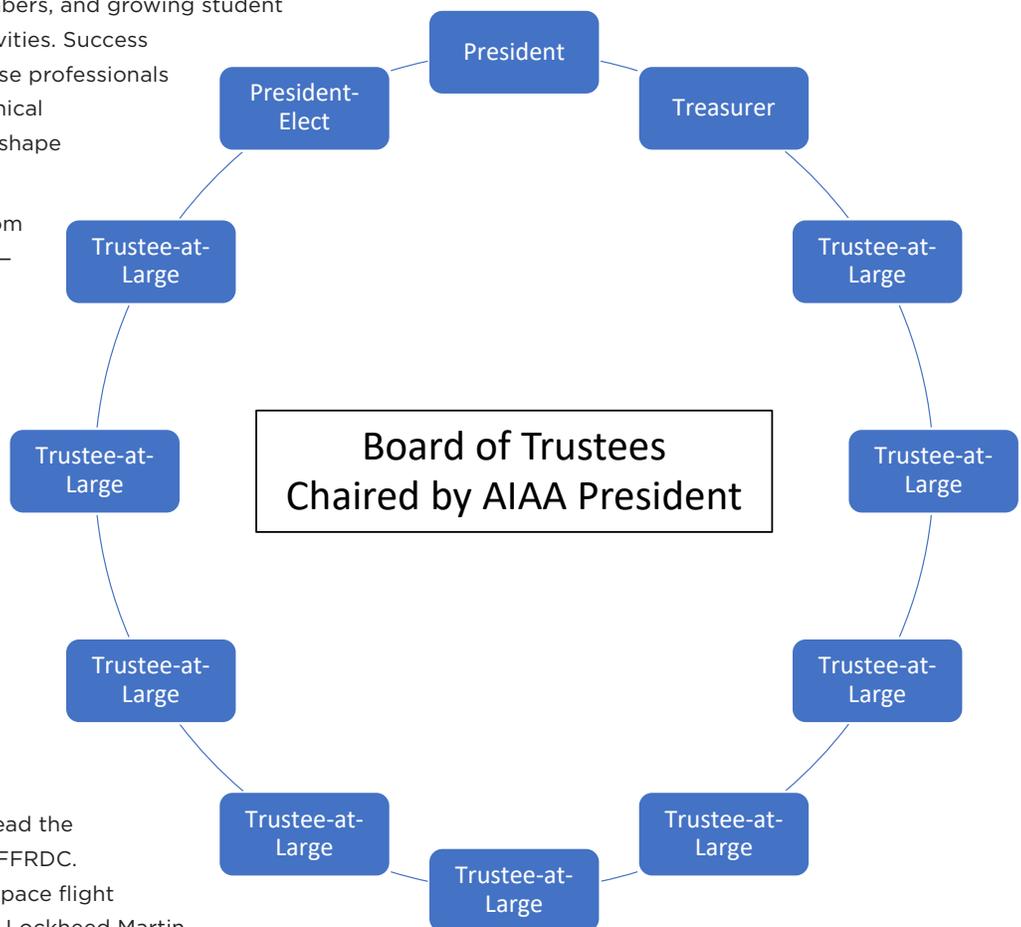
in engineering, program, and executive roles in the Space sector and corporate level, including CTO and Chief Engineer. I worked to develop national space missions, led GPS and missile warning programs, and oversaw research in hypersonics, autonomy, and AI.

AIAA ACTIVITIES AND HONORS

I serve on the AIAA Board of Trustees. Previous roles include AIAA Foundation trustee, executive corporate member of the Institute and corporate anchor sponsor for AIAA's participation in the IAC, and member of the Life Sciences and Systems Technical Committee.

OTHER ACTIVITIES AND HONORS

I am a UK Royal Aeronautical Society Fellow, International Academy of Astronautics member, and member of the National Academy of Engineering. I served as Vice-Chair of the NIST Visiting Committee on Advanced Technology, co-chair of the Council on Competitiveness Technology Leadership Strategy Initiative, and on the Sandia Board.



ELECTION OPEN

[27 JANUARY-21 FEBRUARY 2025]

The Council Nominating Committee has assembled an outstanding slate of candidates. Please carefully consider each candidate and select those who most closely reflect your values and your vision for the future of AIAA. All candidates are highly qualified, and all are anxious to serve.

COUNCIL OF DIRECTORS

REGIONAL ENGAGEMENT ACTIVITIES DIVISION

Region I

Region II

Region III

Region IV

Region V

Region VI

Region VII

INTEGRATION AND OUTREACH ACTIVITIES DIVISION

Aerospace Outreach
Group

Business & Management
Group

Integration Group

International Activities
Group

Young Professionals
Group

TECHNICAL ACTIVITIES DIVISION

Aerospace Design &
Structures Group

Aerospace Sciences
Group

Aircraft Technology
Integration & Ops Group

Information Systems
Group

Propulsion and Energy
Group

Space and Missiles
Group

REGIONAL ENGAGEMENT ACTIVITIES DIVISION

Regions coordinate the activities of geographically related sections to facilitate cooperative efforts between the various geographical areas. A Regional Director shall lead each region. The voting members who belong to that region shall elect the Regional Director for that region. The Regional Director for each group shall be a member of the Regional Engagement Activities Division (READ) as well as a delegate to the Council of Directors. The term for Regional Directors shall be three years and there shall be a limit of the Regional Director serving two consecutive terms.

As a Member of the Council, a Regional Director's primary responsibility is to serve the Institute as a whole; a secondary responsibility is lead and support the Sections, Student Branches and Members in their Region. A Regional Director serves in several different capacities; voting member of the Council of Directors, voting member of the Regional Engagement Activities Division (READ), and chair of the Regional Advisory Committee (RAC). As the leader of the Region, the Regional Director must be dedicated and recognize the obligation implicit in filling the position and be willing to expend the requisite time and energy. Directors must be self-motivated and initiate actions as necessary and anticipate and resolve problems, as well as being an effective communicator, having the ability to relate to and communicate with people of varying status (from junior engineers to corporate executives). Directors should be organized and familiar with AIAA's organizational structure and procedures. The importance of strong leadership in this voluntary role cannot be overemphasized. All the Section Chairs within the Region, and the Deputy Directors look to the Regional Director for guidance.



LEARN MORE
aiaa.org/get-involved/regions-sections



Ellen Gillespie

AIAA ASSOCIATE FELLOW

A dedicated physicist and engineer with a passion for technical projects, I've been working in the Houston area for many years. I serve both AIAA and ASME at the local, regional, and national levels to support

professional, college, and K-12 programs. AIAA membership has allowed me to participate in technical and leadership activities that have helped others, enhanced my career, and given me great personal satisfaction. AIAA programs are enlightening and inspiring. I hope to use my breadth and depth of experience to conduct AIAA Region IV operations that provide interesting events, timely needed topics, joint meetings, and career development with corroboration in a hybrid environment using a variety of communication tools.

BIOGRAPHY

I hold degrees in Physics, Aerospace Engineering, and Systems Engineering with certificates in Project Management and

Data Science. I served as HPE Common Components Firmware Development Team Program Manager (Agile Scrum Master) in an international (remote) manufacturing environment (2014). I previously served as United Space Alliance Descent Mission Control Technical Lead (2003–2007), Deorbit/Entry/Abort-Once-Around Technical Group Lead (2007–2009), and Technical IT Lead (1996–2010). I hold Landing Analyst, Winds Coordinator, Deorbit Engineer, Entry Analyst, and Software Principal Engineer certifications. I received the Space Flight Awareness (SFA) Award in March 2008 (STS-123) for deorbit and entry technical leadership. I completed FAA private pilot (VFR) ground school. I'm currently serving as the On-Orbit GN&C Flight Mechanics Section Manager for Amentum at NASA Johnson Space Center (2022–present).

AIAA ACTIVITIES AND HONORS

Region IV Director (2022–2025); Associate Fellow Nominations Review Board (2021); Region IV Deputy Director Membership (2014–2016); Atmospheric Flight Mechanics Technical Committee (2014–2016); Houston Section Chair (2008–2010); Houston Section Vice Chair Technical (2006); Houston Annual Technical Symposium Committee (2006–2013).



James Guglielmo

AIAA ASSOCIATE FELLOW

Over the last 17 years, I have been fortunate to serve AIAA in multiple leadership roles at both the national and local level, and I would be honored to have your support as I run for reelection as the Region V Director. AIAA sections

are critical for providing local engagement and resources to both current AIAA members and future generations of AIAA members. During my first term as Region V Director, I have collected and shared best practices not only across the sections within my region, but also across all of the regions of AIAA. I have focused on increasing the impact of our region's STEM activities, and identified ways to simplify tasks the sections have to complete each year. If reelected, I will continue my efforts to share best practices to help each section run more efficiently, and to further strengthen our excellent STEM programs to help instill the enthusiasm and curiosity many of us had when we first decided to pursue an aerospace career.

I am running for reelection as Region V Director because I truly believe in AIAA's goals and in the benefits AIAA provides not only to its members but to future generations of aerospace engineers. AIAA provides many opportunities to share technical knowledge, to recognize individuals for their contributions to our profession,

and to interact with and engage with others in our community. As Region V Director, I will continue to strengthen AIAA's ability to provide these opportunities and services to its members.

BIOGRAPHY

B.S. and M.S. in Aerospace Engineering from the University of Illinois at Urbana-Champaign (UIUC). 29-year career at The Boeing Company, specializing in aerodynamics, wind tunnel testing, and multidisciplinary design analysis & optimization (MDAO). Previously led the MDAO Technology Domain within Boeing Research & Technology (BR&T), before transitioning to an Aerodynamics Senior Manager role within Boeing Phantom Works.

AIAA ACTIVITIES AND AWARDS

Active Member since 1995, Associate Fellow (2012). Active in local AIAA St. Louis Section, including Chair, Newsletter Editor, and Webmaster. Multiple leadership roles within the Applied Aerodynamics Technical Committee (2007-2015), including Chair, Webmaster, and Ground Test Technical Committee Liaison. Additional national-level leadership roles: 2017 AIAA AVIATION Forum Chair, 2016 AIAA AVIATION Forum Deputy Forum Chair, and 2010 Applied Aerodynamics Technical Conference Chair. Currently the Technical Activities Division Liaison to the Honors & Awards Committee. Received the St. Louis Young Professional Award (2003) and the AIAA Outstanding Section Award (2020).

TECHNICAL ACTIVITIES DIVISION

Technical Groups coordinate the activities of related technical committees to facilitate cooperative efforts between the various technical disciplines. A Technical Director shall lead each Technical Group. All voting members shall elect the Technical Directors. The Technical Director for each group shall be a member of the Technical Activities Division (TAD) as well as a delegate to the Council of Directors. The term for Technical Directors shall be three years and there shall be a limit of the Technical Director serving two consecutive terms.

As a Member of the Council, a Technical Director's primary responsibility is to serve the Institute as a whole; a secondary responsibility is lead and support the committees and members in their directorate group. A Technical Director serves in several different capacities; voting member of the Council of Directors, and voting member of the Technical Activities Division (TAD). As the leader of the Group, the Technical Director must be dedicated and recognize the obligation implicit in filling the position and be willing to expend the requisite time and energy. Directors must be self-motivated and initiate actions as necessary and anticipate and resolve problems, as well as being an effective communicator, having the ability to relate to and communicate with people of varying status (from junior engineers to corporate executives). Directors should be organized and familiar with AIAA's organizational structure and procedures. The importance of strong leadership in this voluntary role cannot be overemphasized. All the directorate's committee chairs, and the Deputy Directors within the group look to the Technical Director for guidance.



LEARN MORE
[aiaa.org/get-involved/committees-groups/
technical-committees](https://aiaa.org/get-involved/committees-groups/technical-committees)



Michel Ingham

AIAA ASSOCIATE FELLOW

I am running for a second term as Information Systems Group (ISG) Director. My goals over my 2+ years in this role have been to:

- Improve two-way communication between the Technical Committees (TCs) in my group and the leadership of the Technical Activities Division (TAD) and AIAA
- Strengthen the ISG TCs and encourage greater diversity in their memberships
- Provide leadership for AIAA's ramp-up of Domains and task forces (TFs)
- Spearhead growth of the InfoSys footprint across AIAA

This has been done while I continued to support and amplify existing efforts in the ISG TCs.

Highlights from my first term include improvements in the health of the ISG's eight TCs and one working group, as evidenced by steady membership growth and smooth leadership transitions for these committees; successful engagement of ISG in most of the Domain TFs, proactive personal participation in at least two of these TFs, and productive collaboration with the three Domain leads; and steady growth in the participation of ISG TCs in the forums, including commitment of ISG leadership to the

evolving ASCEND and AIAA DEFENSE Forum organizations.

These achievements are team efforts and not individual accomplishments, but I am very proud of my partnerships with the TC and TAD leadership teams that have enabled this progress. With that said, there remains important work on each of these fronts, which is why I am seeking this second term.

BIOGRAPHY

I serve as Chief Technologist of the Systems Engineering Division at NASA Jet Propulsion Laboratory. My career has spanned both research (in digital engineering and spacecraft autonomy) and mission work (Project Software Systems Engineer for the Europa Clipper mission and systems engineer for the Mars Science Laboratory rover).

ACTIVITIES AND HONORS

Prior to serving as ISG Director, I served as a Deputy Director for the Group for the better part of a decade and led the Intelligent Systems TC through a period of significant growth, helping to turn it into one of the AIAA's most active and productive TCs. My deep and consistent commitment to AIAA is evidenced by 20 years of contributions, for which I was honored with a 2021 Sustained Service Award. Highlights include serving on the Transformative Systems Engineering and Autonomous Vehicles & Systems task forces, participating in the Digital Engineering Integration Committee, organizing InfoSys tracks at ASCEND/AIAA SPACE Forum, and serving as Technical Program Chair for the Infotech@Aerospace Conference.



Rusty Powell

AIAA ASSOCIATE FELLOW

In the presence of the changing aerospace industry, our Institute must offer a positive value proposition to our members. As Director-Propulsion & Energy (P&E) Group, I will continue to focus on improving membership value,

be a voice for our members, and support the P&E community.

We must continue to work together to develop and expand engaging new forum content and programs, while ensuring affordable involvement and a financially viable Institute. To this end, one of my primary goals is to expand P&E content in our co-located AIAA AVIATION Forum and ASCEND events as well as other AIAA events. These activities will ensure the relevance and viability of the P&E community.

I am committed to ensuring AIAA's position as the premier aerospace professional organization with specific focus on P&E. As P&E Group Director, I will continue to advocate for our P&E community across the Institute, connecting members, committees, and activities.

BIOGRAPHY

32+ years of aerospace and engineering experience including aircraft maintenance, propellant chemistry analysis, and

hypersonic propulsion/vehicle testing and development. Currently VP, Space Integration, Astrion. Notable other positions include: VP, Engineering, and VP & GM, Space Development & Integration, Axient; Chief Engineer, Space & Cyber Systems, Millennium Engineering; Associate Professor, Department of Engineering Mechanics, USAF Academy; Chief, Launch and Range Programs, Operationally Responsive Space Office; B-1B Lead Engineer, 28th Bomb Wing; High-Speed Systems Engineer/Manager, AFRL Propulsion Directorate. B.S.ME Colorado State University, M.S.AeroE Air Force Institute of Technology, and Ph.D. Engineering Colorado School of Mines.

AIAA ACTIVITIES AND HONORS

AIAA Associate Fellow, 2015. P&E Group Director, 2022-2025. P&E Forum Technical Deputy Co-Chair (2021). Region V Director (2019-2022). Corporate member liaison (2019-2023). High Speed Air Breathing Propulsion Technical Committee Member (2012-present), Honors & Awards (H&A) Chair (2013-2018). Rocky Mountain Section (RMS) Chair (2018-2019), Southern Vice Chair (2016-2017), H&A Chair (2014-2016). RMS Annual Technical Symposium Technical Chair (2014). Member (1999-present).

INTEGRATION AND OUTREACH

ACTIVITIES DIVISION

Integration and Outreach Groups coordinate the activities of related Integration and Outreach Committees to facilitate cooperative efforts between the various professional areas. An Integration and Outreach Group Director shall lead each Integration and Outreach Group. All voting members shall elect the Integration and Outreach Directors, except for Young Professional Group Director-Elect who is elected by the professional members who are less than 36 years old at the time of the election. The Integration and Outreach Director for each group shall be a member of the Integration and Outreach Activities Division (IOD) as well as a delegate to the Council of Directors. The term for Integration and Outreach Group Directors, except for the Young Professional Group Director-Elect, shall be three years and there shall be a limit of the Integration and Outreach Group Director serving two consecutive terms. The Young Professional Group Director-Elect shall serve one year as the group director and is not renewable.

As a Member of the Council, an Integration and Outreach Director's primary responsibility is to serve the Institute as a whole; a secondary responsibility to lead and support the committees and members in their directorate group. An Integration and Outreach Director serves in several different capacities; voting member of the Council of Directors, and voting member of the Integration and Outreach Activities Division (IOD). As the leader of the Group, the Integration and Outreach Director must be dedicated and recognize the obligation implicit in filling the position and be willing to expend the requisite time and energy. Directors must be self-motivated and initiate actions as necessary and anticipate and resolve problems, as well as being an effective communicator, having the ability to relate to and communicate with people of varying status (from junior engineers to corporate executives). Directors should be organized and familiar with AIAA's organizational structure and procedures. The importance of strong leadership in this voluntary role cannot be overemphasized. All the directorate's committee chairs, and the Deputy Directors within the group look to the Integration and Outreach Director for guidance.



LEARN MORE

[aiaa.org/get-involved/committees-groups/
Integration-and-Outreach-Division-Committees](https://aiaa.org/get-involved/committees-groups/Integration-and-Outreach-Division-Committees)



Sofia Russi

AIAA ASSOCIATE FELLOW

As the Aerospace Outreach Group (AOG) Director, my goal is to keep the AOG relevant and thriving. I have collaborated with the retiring AOG Director as his deputy for the past three years. As a mid-career aerospace

professional and active lifetime AIAA member I am the ideal candidate. I support the entities that comprise the AOG: History Committee, Society and Aerospace Technology (SAT), and Women of Aeronautics and Astronautics (WOAA). It will be my honor to serve as their director.

BIOGRAPHY

Systems Engineering M.S., Air Force Institute of Technology, Ohio; Aerospace Engineering B.S., San Diego State University, California. I began my aerospace career as an F/A-18D intern at NAVAIR, North Island. I received my United States Air Force commission and was

an Atlas V launch vehicle engineer in Cape Canaveral, Florida. I served in the Air Force's Space and Materiel Commands, AFSPC and AFMC, respectively; and one joint tour supporting Operation Enduring Freedom (OEF). Following active duty, I pursued a career in the private space sector before returning to the U.S. government as a defense contractor.

AIAA ACTIVITIES AND HONORS

As a 22-year AIAA member, I have held section positions in San Diego, Cape Canaveral, Utah, and Las Vegas. I am a recipient of the Cape Canaveral Section Outstanding Member Award and two-time recipient of the AIAA First Place Communications Award. I have been an AIAA SciTech Forum History Committee Session Chair, Weapon Systems Effectiveness Technical Committee member, and Content Advisory Committee member. I also served as a Young Professional Liaison to the Board of Trustees and was appointed Chair of the first Forums Advisory Committee. I was one of the youngest members selected as an Associate Fellow.



Abdollah Khodadoust

AIAA ASSOCIATE FELLOW

As Director of the Integration and Outreach Group, I pledge to explore the impact of a broad range of topics that are influenced by aerospace. I will do this by supporting the Integration

and Outreach Committees (IOCs) that make up the group, cross-pollinating activities and knowledge between the committees and those in the other active communities within AIAA. Just as importantly, I pledge close coordination with the AIAA Domain leaders to enable potential formation of IOCs spawned from studies initiated by Domain working groups and task forces. Lastly, I pledge to coordinate with other groups within the AIAA Integration and Outreach Division, the Technical Activities Division, and the Regional Engagement Activities Division to foster and promote an atmosphere of inclusion and collaboration.

BIOGRAPHY

Abdi Khodadoust leads the Aerosciences Team at Boeing Research & Technology. In this capacity, he manages the research and development of technologies in close collaboration with

other leaders at Boeing. One of Khodadoust's roles is building relationships with communities outside of Boeing. He manages technology development projects spanning basic and applied research and development for a range of aerospace applications. He has chaired the Atmospheric Environment Technical Committee, and has led major conferences for AIAA. He holds a Ph.D. in Aeronautical & Astronautical Engineering from the University of Illinois, and is a graduate of Caltech's Agile Project Management Certificate Program.

AIAA ACTIVITIES AND HONORS

Director, Integration and Outreach Group (May 2024-present); Member, Integration and Outreach Committees: Supersonics (2020-present) and CFD Vision 2030 (2018-present); Deputy Director, Engineering & Technology Management Group, (2011-2017); Co-Chair & Track Chair, Complex Aerospace Systems Exchange, (2012-2013); Associate Editor, AIAA Progress Series (2010-2012); General Chair, 47th & 50th Aerospace Sciences Meeting (2009, 2012); Technical Program Chair, 40th & 41st Aerospace Sciences Meeting (2002-2003); Chair, Atmospheric Environment Technical Committee (2001-2003); Reviewer for *Journal of Aircraft* and *AIAA Journal* (1994-present); Technical Session Chair (1994-present); Associate Fellow, (2006-present).

DIRECTOR-ELECT

Young Professionals Group



Nathan T. Crane

AIAA SENIOR MEMBER

I joined the Young Professionals Group after finishing graduate school in 2020. I began as a member of the YPG Honors and Awards Committee and expanded my role as vice chair and now chair of our Engagement Committee. During

my time within YPG, we have reorganized our committees to enable future growth and have many ideas for additional Young Professional involvement across the Institute. I aim to continue expanding the young person's engagement and voice to help shape the future of aerospace.

BIOGRAPHY

I completed a B.S. in Aerospace Engineering from Embry-Riddle in Daytona Beach (2018). While an undergraduate, I served as the chair of our AIAA Student Branch and led our

Design/Build/Fly team. I attended Georgia Tech for my M.S. in Aerospace Engineering (2020). After graduate school, I worked with NASA Langley in the Aeronautics Systems Analysis Branch. In 2021, I started with Lockheed Martin Aeronautics in Palmdale, California, where I have supported both the Aerodynamics group and currently the Conceptual Design group. While working, I completed a M.S. in Analytics from Georgia Tech (2024).

AIAA ACTIVITIES AND HONORS

Joined AIAA as a student member in 2014 (currently AIAA Senior Member). Honors and Awards Committee Member (2024-present). YPG Engagement Committee Chair (2023-present); YPG Engagement Committee Vice Chair (2020-2023). AIAA Blue Ribbon Task Force (2021-2022). Abe Zarem Graduate Award for Distinguished Achievement - Aeronautics (2020). AIAA Student Branch Chair (2016-2018); AIAA Student Branch Vice Chair (2015).

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