

Regional Engagement Activities Division



2021 Regional Leadership Conference

Day 2: GROWING OUTREACH

Reaching Members Through Areas of Interest

21 July 2021

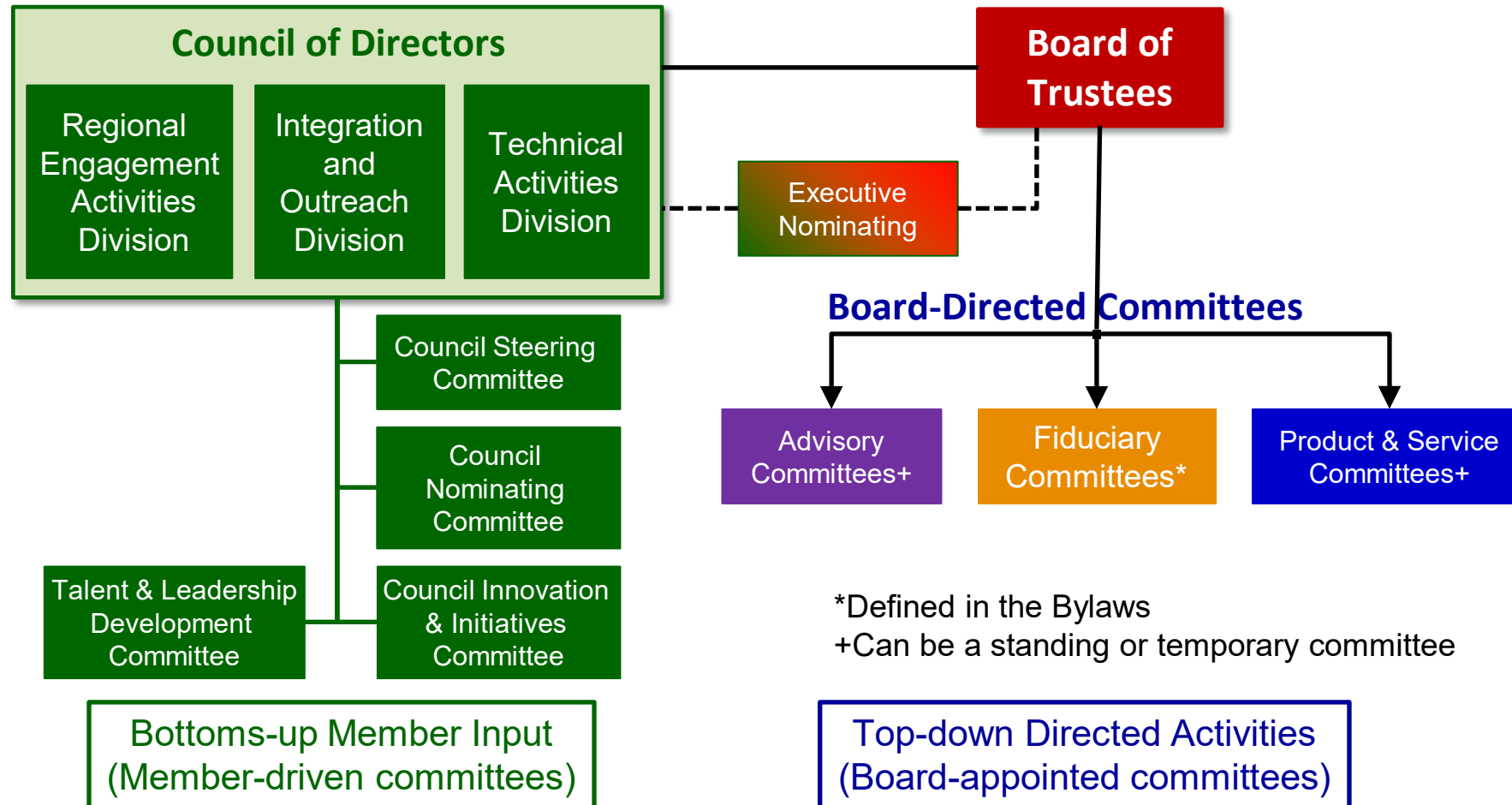
Today's Agenda

- Welcome [10 mins] Jane Hansen, Student Branch Committee Chair & RLC Director
 - Overview of divisions / committees: Dan Jensen, READ Chief
- Outreach Areas [10 mins] Kristen Gerzina, RLC Committee Member & Region V DD Finance
 - Technical Committees
 - Integration & Outreach Committees
 - Young Professionals
 - Diversity & Inclusion
 - Public Policy
- Ballroom Networking with Outreach Leads [30 mins]
- Outreach Areas [10 mins] Kristen Gerzina, RLC Committee Member & Region V DD Finance
 - STEM K-12
 - Student Branches
 - Honors & Awards
 - Membership
- Ballroom Networking with Outreach Leads [30 mins]
- ₂ Wrap-Up [15 mins] Jane Hansen, Student Branch Committee Chair & RLC Director

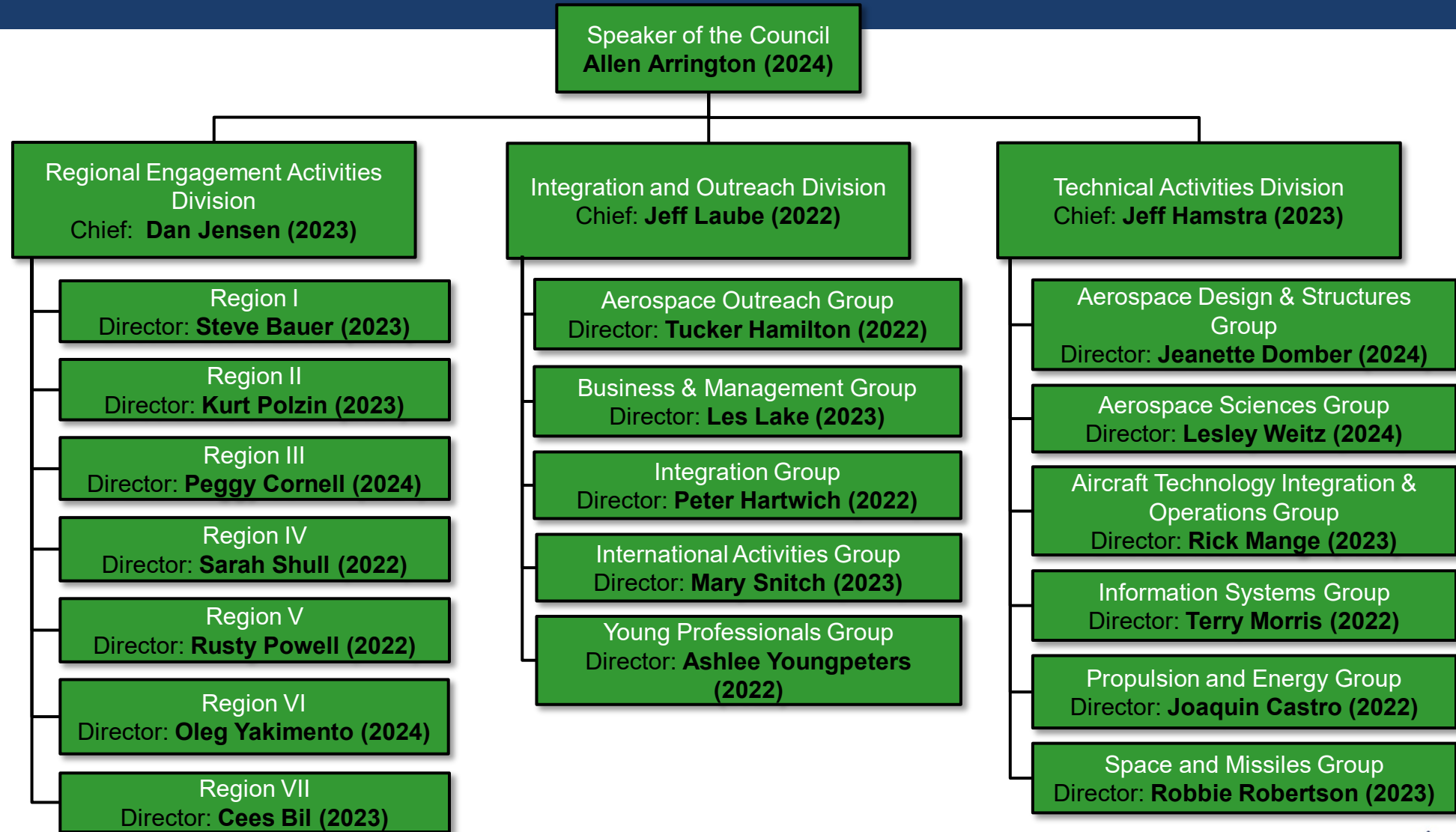
Overview of Divisions / Committees

Dan Jensen
READ Chief

Top level organizational structure



Council of Directors



Our Shared Goals

- Provide our members with an excellent membership value proposition.
- Deliver this value through local Section and Student Branch activities.
- Enrich our members and advance the profession.

Use the breadth and depth of AIAA to do this!

Many Opportunities!

- AIAA has many excellent groups, programs and initiatives to achieve our goals.
- How these are “wired in” to the organizational structure varies (such as Divisions of the Council, Groups of a Division, Standing Committee of the Board of Trustees, Working Group, etc.) – but not important for our purpose today.
- Take the opportunity today to learn something new – go to tables you know little or nothing about!
- Use your new understanding and drive Section activities going forward.



Technical Activities Committees

AIAA Technical Activities Overview

➤ Technical Activities Division

- 1 of 3 AIAA Divisions (READ, IOD & TAD)
- Primary technical discipline interface for the Institute
- Lead by Chief, TAD
- Organized by 6 Technical Groups to manage TC activity
- Chief & Group Directors are members of AIAA's Council of Directors

➤ Technical Committees (TCs)

AIAA's 71 TCs bring together experts from around the globe to:

- Advance the technical body of knowledge in aeronautics and astronautics
- Develop technical products, services, and publications
- Recognize outstanding contributions to the aerospace profession

Exactly What Do TCs Do...?

- Manage Forum technical programming, session planning, and Calls for Papers.
- Sponsor Student Design Competitions & Best Paper Awards.
- Develop & conduct in-person workshops and continuing education offerings.
- Nominate, recommend and judge candidates for career achievement awards.

By engaging with the broader profession, TC members enhance their personal & professional experiences toward a more fulfilling career!

Technical Activities Division (2021-2022)

Jeff Hamstra – Chief, Technical Activities Division

AEROSPACE DESIGN AND STRUCTURES GROUP

Jeanette Domber, Director

Masoud Rais-Rohani – Deputy Director for Cross-Institute Coordination
TBD – Deputy Director for Forum Coordination
TBD – Deputy Director At Large
Walt Silva – Deputy Director for TC Coordination

Adaptive Structures – Darren Hartl
Design Engineering – Nathan Hines
Materials – Steven Arnold
Multidisciplinary Design Optimization – Vladimir Balabanov
Non-Deterministic Approaches – Vicente Romero
Spacecraft Structures – Matthew Santer
Structural Dynamics – Dexter Johnson
Structures – Alex Salvarathinam
Survivability – David Liu
Systems Engineering – Bryan Mesmer

AEROSPACE SCIENCES GROUP

Lesley Weitz, Director

Steve Beresh, Martiqua Post – Deputy Directors for Fluid Sciences
Aeroacoustics – Judith Gallman
Aerodynamic Measurement Technology – Kevin Lowe
Atmospheric and Space Environments – Stephen McClain
Fluid Dynamics – Timothy Eymann
Ground Testing – Stephanie Simerly
Meshing, Visualization & Computational Environments – Hugh Thornburg
Plasmasdynamics and Lasers – Trevor Moeller
Thermophysics – Diane Pytel

Joao Luiz Azevedo, Crystal Pasillao – Deputy Directors for Flight Sciences

Applied Aerodynamics – Nathan Hariharan
Astrodynamics – Renato Zanetti
Atmospheric Flight Mechanics – Sarah D'Souza
Guidance, Navigation and Control – Uday Shankar
Modeling and Simulation – Richard Ruff

INFORMATION SYSTEMS GROUP

Terry Morris, Director

Misty Davies – Deputy Director
Michel D. Ingham – Deputy Director
Stephen Blanchette – Deputy Director

Communications Systems – Tom Butash
Computer Systems – Miroslav Velez
Digital Avionics – Arthur Tank
Human-Machine Teaming – John-Paul Clarke
Information and Command and Control Systems – Jimmie McEver
Intelligent Systems – John Valasek
Sensor Systems and Information Fusion – David Faulk
Software – Chris Thames

PROPULSION AND ENERGY GROUP

Joaquin Castro, Director

David McGrath – Deputy Director for Forum Coordination
Wayne Hurwitz – Deputy Director at Large and Operations

Timothy O'Brien, Deputy Director for Air Breathing Propulsion

Gas Turbine Engines – Stephen Lynch
High Speed Air Breathing Propulsion – Daniel Paxson
Inlets, Nozzles, and Propulsion Systems Integration – Neal Herring
Pressure Gain Combustion – William Hargus

Mitchell Walker – Deputy Director for Rocket, Space & Advanced Propulsion
Electric Propulsion – Andy Hoskins
Hybrid Rockets – Mario Kobald
Liquid Propulsion – Vineet Ahuja
Nuclear and Future Flight Propulsion – Jason Cassibry
Propellants and Combustion – Keith McManus
Solid Rockets – Wesley "Wes" Ryan

Ashwani Gupta – Deputy Director for Energy
Aerospace Power Systems – Jeremiah McNatt
Energetic Components and Systems – Stephanie Sawhill
Terrestrial Energy Systems – David Carrington

AIRCRAFT TECHNOLOGY, INTEGRATION, AND OPERATIONS GROUP

Richard Mange, Director

Megan Scheidt – Deputy Director for Cross-Institute Coordination
David Levy – Deputy Director for Forums

David Maroney – Deputy Director for Aircraft Operations
Aircraft Operations – Tom Reynolds
Air Transportation Systems – David Thipphavong
Flight Testing – Derek Spear
Product Support – Mohammed Amine Boughalem

Luca Maddalena – Deputy Director for Aircraft Technologies
Aerodynamic Decelerator Systems – Oleg Yakimenko
Aircraft Design – Matthew Orr
Balloon Systems – Mike Smith (Acting)
Electrified Aircraft Technology – Phillip Ansell
General Aviation – Keith Hoffer
HyTASP – Matthew Zuber
Lighter-Than-Air Systems – Alan Farnham
VSTOL Aircraft Systems – Geoffrey Jeram

SPACE AND MISSILES GROUP

Lawrence Robertson, Director

Karen D. Barker – Deputy Director
Ron Kohl – Deputy Director

Life Sciences and Systems – James Nabity
Microgravity and Space Processes – Sunil Chintalapati
Missile Systems – Dustin Otten
Reusable Launch Vehicles – Robert Seibold
Small Satellite – Kerrie Cahoy
Space Architecture – Olga Bannova
Space Automation and Robotics – Erik Komendera
Space Colonization – Bryce Meyer
Space Logistics – Koki Ho
Space Operations and Support – Ron Freeman
Space Resources – Christopher Dreyer
Space Systems – John Carlsen
Space Tethers – George Zhu
Space Transportation – Michael Fuller
Weapon System Effectiveness – Tim Wadhams

TAD Liaisons

Ethics Committee – Lesley Weitz
Honors and Awards – Jim Guglielmo
Publications – Wayne Hurwitz
Standards – Ron Kohl
USNC/TAM – Paul Palies

TAD Regional Liaisons

Region 1 – Brian McGrath
Region 2 – TBD
Region 3 – Robert Bruckner
Region 4 – Isaias Chocron
Region 5 – James Horkovich
Region 6 – Catherine (Caite) Beck
Region 7 – TBD

Technical Integration Subcommittee (TIS)

Megan Scheidt (Chair), Steve Beresh, Misty Davies, Ron Kohl, David Maroney, Timothy O'Brien, Masoud Rais-Rohani

Staff Liaison: Angie Lander

Last modified: July 7, 2021



Section TAD Resources / For More Info

- TAD POC: Jeff Hamstra, boardmember@aiaa.org
- Staff Contact: Angie Lander, angiel@aiaa.org
- AIAA Technical Committees Website:
 - <https://www.aiaa.org/technical-committees>

Integration & Outreach Committees

IOD Overview

- Chaired by Chief, Integration and Outreach Division (IOD)
- Manages the Activities of the IOCs
 - Primary programmatic and societal interface for the Institute
 - Includes cross-cutting, technical integration committees
 - Organization of sessions, conferences, and workshops
 - Recognizing technical, programmatic and societal excellence via Awards
 - Sponsoring continuing education courses
 - Developing standards and position papers
 - Expanding AIAA professional offerings in addition to technical core competencies

Works Together with READ and TAD to Provide the Best Products for our Members

Integration & Outreach Committees (IOCs)

- Focused on the cross-discipline technical integration, programmatic and/or societal interface & outreach areas of interest of the Institute, which often spans more than one discipline in their scope.
- Committees are organized in five Groups
 - Aerospace Outreach Group
 - Business & Management Group
 - Integration Committees Group
 - Young Professional Group
 - International Activities Group
- IOC membership open to qualified AIAA Professional members.

Integration and Outreach Division (2021-2022)

Jeff Laube – Chief, Integration and Outreach Division

Angie Lander, Staff Liaison

AEROSPACE OUTREACH GROUP

Tucker Hamilton, Director

Jeff Jepson, Deputy Director

History – Kevin Burns

Society and Aerospace Technology – Amir Gohardani

Women of Aeronautics and Astronautics – Annika Rollock

YOUNG PROFESSIONALS GROUP

Ashlee Youngpeters, Director

Kaela Martin, Director-Elect

Sam Alberts, Director Emeritus

Networking/Professional Development – Tejas Puranik

Membership & Awards – Nathan Crane

Communications/ Engagement – Bryan Kowalczyk

INTERNATIONAL ACTIVITIES GROUP

Mary Snitch, Director

Aerospace Coalition Outreach – Ken Hodgkins

Honors and Awards Development – Anthony Murfett

Strategy & Implementation – Bob Winn

INTEGRATION GROUP

Peter Hartwich, Director

Tom McLaughlin, Deputy Director

Aerospace Traffic Management – Vince Schultz

CFD Vision 2030 - Dimitri Mavriplis

Digital Engineering – David Kepczynski

[Airborne](#) Directed Energy Systems – Don Wittich

Green Engineering – Kurt Papathakis

Space Exploration – Surendra Sharma

Supersonics – David Lazzara

Transformational Flight – Doug Stanley

Unmanned Systems – Mike Logan

BUSINESS AND MANAGEMENT GROUP

Les Lake, Director

Economics – TBD

Legal Aspects of Aeronautics and Astronautics – Michael Dodge

Management – Raymond Flores

IOD LIAISONS

Council Innovation and Initiatives Committee (CIIC):

Tom McLaughlin, Member

Les Lake, Member

Vince Schultz, Member

Honors and Awards:

Suzanne Smith

Engineer of the Year:

Jeff Jepson

Jonathan Cooper

FORUM POCs

Brent Pomeroy, AVIATION

Vince Schultz, ASCEND

Mujeeb Malik, SciTech

Last modified: 15 July 2021



Section IOC Resources / For More Info

- IOD POC: Jeff Laube laube.jeff@gmail.com
- Staff Contact: Angie Lander AngieL@aiaa.org
- For more information: AIAA IOD Website:
 - <https://www.aiaa.org/get-involved/committees-groups/Integration-and-Outreach-Division-Committees>
- IOD Website / Engage site:
 - <https://engage.aiaa.org/aiaa-iod/home>

Regional Engagement Activities Division



Young Professionals

Young Professionals Group (YPG)

- Young Professional (YP): AIAA professional member age 35 and under.
- YPG, a group within the Integration and Outreach Division (IOD).
 - Publishes the [Young Professional Newsletter](#) quarterly through Engage
 - Hosts Young Professional Networking Events
 - 'Rising Leaders in Aerospace' at AIAA Forums
 - Sponsor and select [Lawrence Sperry Award](#) for Outstanding YPs
 - Provide awareness to [Associate YP](#) Technical Committee and Standing Committee memberships
- Collaborates with Regional Young Professional Deputy Directors to promote events and share ideas.
- Young Professional Membership
 - Student to Professional membership transition (reduced membership fees)

Young Professionals Group Flow Chart



Section YP Resources / For More Info

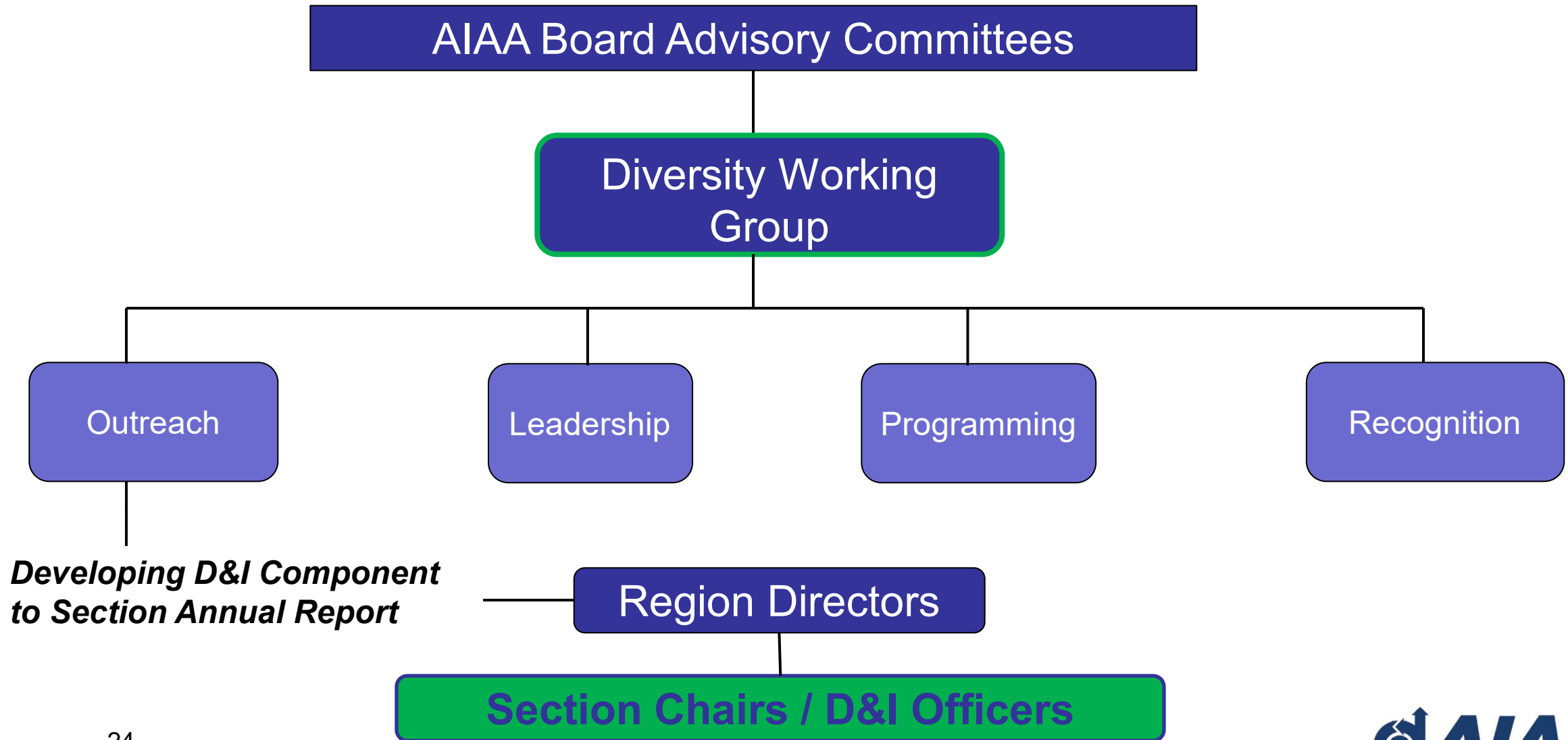
- YPG Director: Ashlee Youngpeters — aiaaypgroup@gmail.com
- For more information: [Young Professionals | AIAA](#)
 - <https://www.aiaa.org/get-involved/committees-groups/young-professionals>
- YP Website / Engage site: [Young Professionals: Public Forum - INTEGRATION AND OUTREACH DIVISION \(aiaa.org\)](#)
- Facebook group: AIAA Young Professionals
- Twitter: @AIAAYoungProf

Diversity & Inclusion

Diversity Working Group

- The Diversity Working Group, an AIAA Board Advisory Committee, was created with the aim to encourage participation and collaboration across all genders, ethnicities, and races to enhance our representation of the entire industry:
 - Diversity Scholars Program
 - Diversity Award
 - Local Section Grants
- AIAA Diversity Plan 2021-2023:
 - https://www.aiaa.org/docs/default-source/default-document-library/aiaadiversityinclusionplan.pdf?sfvrsn=91da2b0d_0

Diversity Working Group Org Chart



Section D&I Resources / For More Info

- D&I Outreach POC: Joe Connolly
 - joseph.w.connolly@nasa.gov
- Diversity Working Group Chair: Claudine Phaire
 - claudine.c.phaire@lmco.com
- For more information: AIAA D&I Website:
 - <https://www.aiaa.org/get-involved/committees-groups/Diversity-and-Inclusion>
- AIAA Diversity Month Membership Spotlights: Social Media



Public Policy

Public Policy Committee (PPC)

- Delivers extensive technical expertise and policy guidance to decision makers at the federal and state level.
 - The Institute serves as a reliable resource on a full spectrum of aerospace issues
- PPC, an AIAA Board Standing Committee, consists of four outcome based working groups responsible for:
 - Developing the Institute's annual Key Issues
 - Organizing member-driven advocacy activities
 - Annual Congressional Visits Day (CVD) program
 - Providing policy related inputs for the Institute's annual Forums
 - Arranging topical education sessions for congressional staff
 - One-on-one meetings
 - Policy papers and state fact sheets
 - Administering the PPC's Honors & Awards

Public Policy Committee Flow Chart



Section PP Resources / For More Info

- PPC Chair: Tim Dominick, timothy.Dominick@ngc.com
- AIAA Staff Contact: Steve Sidorek,
- For more information: AIAA Public Policy Website:
 - <https://www.aiaa.org/advocacy>
 - **Guide for Sections:** listed under 'Related Content'
- Grassroots Engagement:
 - <https://www.aiaa.org/advocacy/Grassroots-Engagement?SSO=Y>
 - **State Fact Sheets:** listed here under 'Grassroots Engagement'

Break: Networking for 30 minutes

- 10-minute, 3 rounds
- Nancy Andersen, Honors & Awards Committee
- Joe Connolly, Diversity & Inclusion Working Group
- Chris Crumbly, Public Policy Committee
- Jane Hansen, Student Branch Committee
- Angie Lander, Technical Activities Division
- Jeff Laube, Integration & Outreach Division
- Aldo Martinez, Membership
- Craig Merrett, K-12 STEM Committee
- Ashlee Youngpeters, Young Professionals Group

Outreach Area Networking Discussion

Break – Out Table Leads

- STEM K-12: Craig Merrett, STEM K-12 Committee Chair
- Student Branches: Jane Hansen, Student Branch Committee Chair
- Young Professionals: Ashlee Youngpeters, Young Professional Group Director
- Diversity & Inclusion: Joe Connolly, D&I Working Group
- Technical Committees: Angie Lander, TAD Staff Liaison
- Integration & Outreach Committees: Jeff Laube, IOD Chief
- Public Policy: Chris Crumbly, Public Policy Committee, Chair-Select
- Honors & Awards: Nancy Anderson, Honors and Awards Committee
- Membership: Aldo Martinez, LA-LV Section Membership Officer

Possible Discussion Questions

- Best Practices: For a particular interest area – what practices / activities / strategies have worked well for your section? Why?
- Lessons Learned: For a particular interest area – what practices / activities / strategies haven't worked well in the past? Why?
- How does can this particular interest area provide value to your current section members or be used to recruit and provide value to new section members?
- Who can you reach out to, post RLC, for event ideas, suggestions, information, etc. for a particular interest area?
- How can you get further involved or engaged with a particular interest area, committee, etc.

STEM K-12 Outreach

STEM K-12 Committee's Chartered Purpose

- This Committee is established for the purpose of supporting K-12 STEM outreach programs that inspire the next generation of aerospace professionals.
- Develop programs for teachers and students that can be implemented by the Sections, branches and TCs
 - Aerospace Micro-Lessons
 - Diversity Initiatives
 - Engineers as Educators program
 - Educator Associates: AIAA associate membership for K-12 educators (free)
- Identify organizations for collaboration on STEM outreach activities.
- Maintain awareness of the K-12 STEM programs that are being implemented across the AIAA.

STEM K-12 Committee Flow Chart



Section STEM K-12 Resources / For More Info

- STEM K-12 POC: Craig Merrett – cmerrett@clarkson.edu
 - Diversity WG: Robin Houston (houstonr742@gmail.com)
 - Micro-Lessons WG: Gregory Forkin (gforkin@fintechllc.com)
 - Community Engagement WG: Joseph Burns (Jburns054@comcast.net)
 - Educator Associates Engagement WG: Geoffrey Andrews (geoffreymgandrews@gmail.com)
- For more information: AIAA K-12 Teacher Resources
 - <https://www.aiaa.org/get-involved/students-educators/k-12-teacher-resources>

Requests of Regions and Sections

- Let us know what you are doing in the STEM K-12 area
 - Present and future plans
- We're here to help deliver STEM K-12 programs and initiatives, and share best practices across AIAA
- Each Region should have a representative on the Committee
 - Some Regions are currently missing

Student Branches

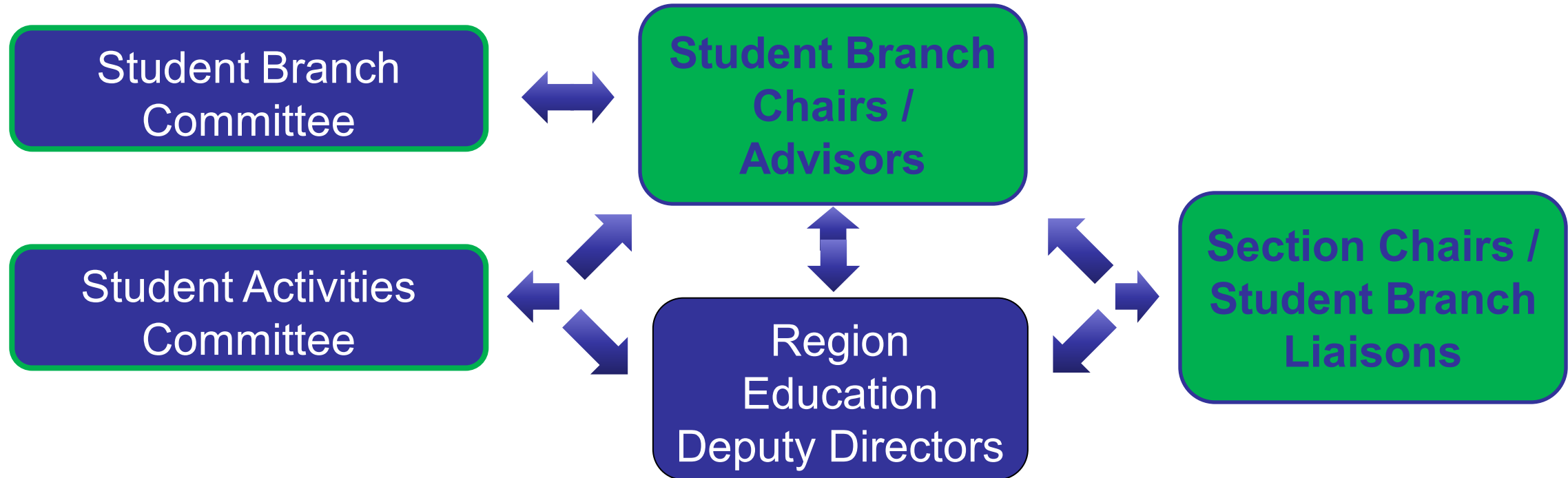
Student Branch Committee (SBC)

- SBC, a committee within the Regional Engagement and Activities Division (READ)
 - Student Branch Support (develop programs and tools for student branches to use in creating a strong, sustainable branch)
 - Student Branch to Section Interaction (create content for interaction, help sections reach out to student branches and vice versa)
 - Student Branch Administration (by-laws, manuals, student briefing)
 - Student Branch Chartering (requirements, administration of chartering and de-chartering processes)
 - Student Outreach (providing support and mentorship to students not yet part of a student branch)
 - Faculty Advisor Award Selection (solicit nominations, review packages, and select award winner each year)

Student Activities Committee (SAC)

- SAC, operating under the AIAA Foundation, conducts educational outreach with university students to foster professional development and encourage interest in aerospace engineering and related professional
- The objectives of the SAC are:
 - To execute world-class International Student Paper Conferences providing students with an introduction to AIAA paper and presentation as part of a forum.
 - Student Paper Competitions
 - To facilitate professional growth through well-developed design competitions.
 - Design, Build, Fly Competition
 - To support the educational and financial needs of aerospace students through scholarships and awards promoting their future motivation for and success in aerospace engineering.

SBC / SAC Flow Chart



Section Student Branch Resources / For More Info

- Student Branch POC:
 - Volunteer POC: Jane Hansen, hansen@hrpsystems.com
 - Student Branch POC: Lindsay Mitchell, lindsaym@aiaa.org
 - Student Program POC: Michael Lagana, michaell@aiaa.org
- For more information: AIAA University Students:
 - <https://www.aiaa.org/get-involved/university-students>
- AIAA Student Branches:
 - <https://www.aiaa.org/get-involved/students-educators/Student-Branched>

Regional Engagement Activities Division



Honors and Awards Committee

Honors & Awards Program

- Honors
 - Senior Member
 - Associate Fellows
 - Fellows
 - Honorary Fellows
 - Emeritus Memberships
- Awards
 - Premier Awards
 - Premier Lectures
 - Technical Excellence Awards
 - Publication Awards
 - Service Awards

Honors vs. Awards

In Honoring Others – We Honor Ourselves!

AIAA is honored to honor you—the very best! A primary goal of the Institute is to recognize those who are making earthshaking achievements that make us stand up from our seats and cheer.

For over 80 years, AIAA has been committed to ensuring that aerospace professionals are recognized and celebrated for their achievements, innovations, and discoveries that make the world safer, more connected, more accessible, and more prosperous. From the major missions that reimagine how our nation utilizes air and space to the inventive new applications that enhance everyday living, aerospace professionals leverage their knowledge for the benefit of society. AIAA continues to celebrate that pioneering spirit showcasing the very best in the aerospace industry.



☆ Honors

🏆 Awards

<https://www.aiaa.org/get-involved/honors-awards>

HONORS Program



Senior Member

Senior Members are individuals who have demonstrated successful professional practice in the arts, sciences, or technology of aeronautics or astronautics for the equivalent of at least eight years.

- Processed Monthly
 - Automatic Upgrade when Member reaches 8 continuous membership years
 - Submit online application – requires endorsement of (2) Senior Members or higher grade
- New Senior Member receives email, with copy to nominator
- Currently, over 10,000 Senior Members
- Program managed by Monique Alabi

HONORS Program



Associate Fellow

Associate Fellows shall be persons 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.

- Maximum: 1 per 150 voting members (about 130 inductees/year)
- Frequency: Annual
 - Nominations due April 15 (open Feb 1) – submitted through Online Awards System
 - 3 Reference Forms due May 15
 - Nominations have a 2-year life span
- Competitive - Over 200 nominations received each year
 - Nominations should highlight accomplishments / contributions and impact – not a resume!
 - Criteria: Technical/Leadership (50%); AIAA/Other Aerospace Service (30%); Quality of References (20%)
- Announcement: mid-September
- Inducted at Associate Fellows Recognition Ceremony and Dinner at SciTech Forum in January
- Over 3,400 Associate Fellows

HONORS Program

Fellow



Fellows shall be persons of distinction in aeronautics or astronautics, and shall have made notable and valuable contributions to the arts, sciences, or technology thereof.

- Maximum: 1 per 125 active Associate Fellows (about 28 inductees/year)
- Frequency: Annual
 - Nominations due June 15 (open April 1) – submitted through Online Awards System
 - 4 Reference Forms due July 15
 - Nomination Packages have 2-year life span
- Competitive - Over 125 nominations received each year.
 - High % of nominations submitted from academia – encourage more from government / industry
 - Nominations should highlight accomplishments / contributions and impact – not a resume
 - Criteria: Technical/Leadership (60%); AIAA/Other Aerospace Service (20%); Quality of References (20%)
 - Announcement: February 1 (HAC endorsement/Board of Trustees approval)
- Formal Induction at Fellows Dinner Ceremony (invite only) and Aerospace Spotlight Award Gala in May
- Over 700 Fellows

HONORS Program



Honorary Fellow

Honorary Fellows are persons of eminence in aeronautics or astronautics, recognized by a long and highly contributive career in the arts, sciences, or technology thereof.

- Maximum: No more than 4 nominees deemed most worthy are recommended to the Board for election each year (no more than 3 nominees from the same country)
- Frequency: Annual
 - Nominations due June 15 (open April 1) – submit word/pdf nominations and reference form
 - 5 Reference Forms due July 15
 - Nomination Packages have 3-year life span
- Competitive: Over 16 nominations received each year.
 - High % of nominations submitted from academia – encourage more from government / industry
 - Nominations should highlight accomplishments / contributions and impact – not a resume
 - Criteria: Ranking system
 - Announcement: February 1 (HAC endorsement/Board of Trustees approval)
- Formal Induction at Fellows Dinner (invite only) and Aerospace Spotlight Award Gala in May
- Over 70 Honorary Fellows

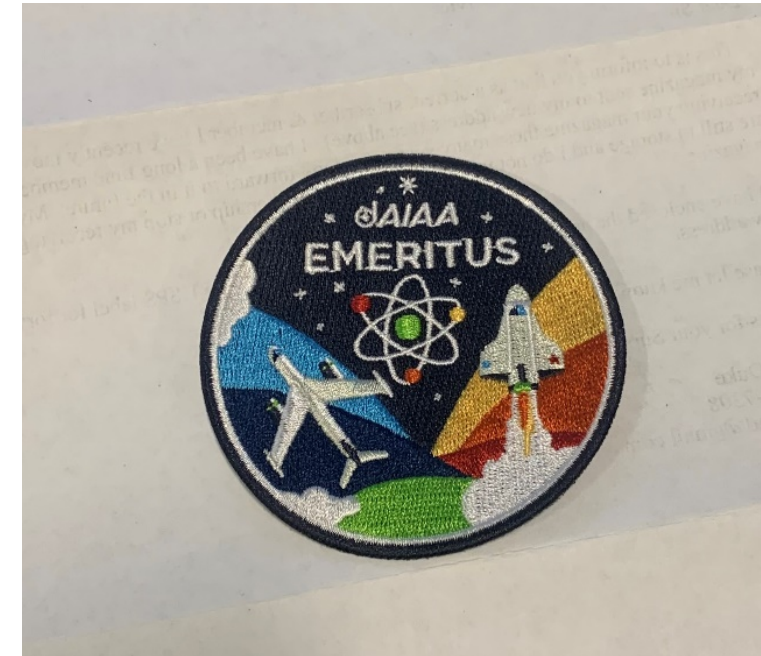
HONORS Program

Emeritus Members

Members who reached 50 years of continuous membership.

Member retain their member grade, but their “status” is Emeritus.

- AIAA Membership is now COMPLIMENTARY!
- Frequency: Annual
 - Mail letter, patch, certificate to the Emeritus Member
 - Regions and sections notified
- Over 60 AIAA members reach this anniversary each year
- 1300 “Emeritus Members”
- Program managed by Monique Alabi



AWARDS Program

Since inception of AIAA Honors and Awards Program, thousands of honorees have been recognized for meritorious achievements, technical contributions, committed service, section participation, and loyal membership.

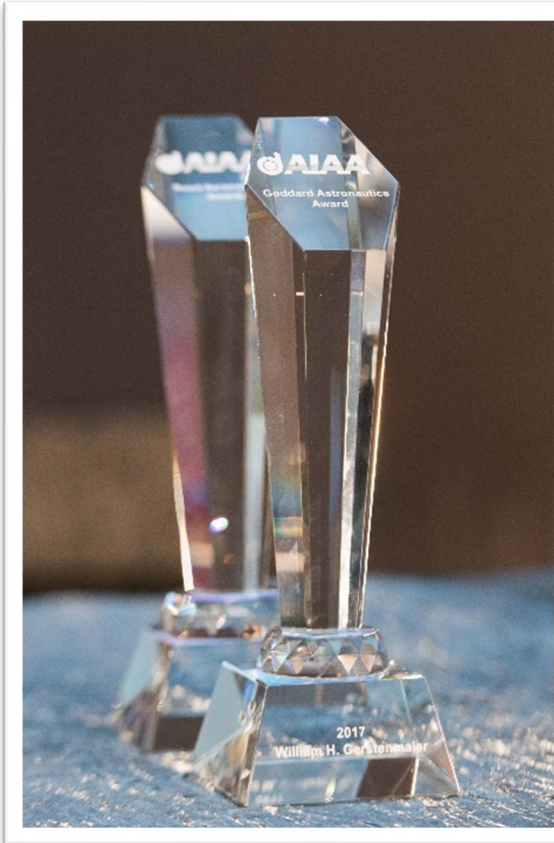
Several Categories of Awards:

Premier Awards

AIAA's highest awards, presented at annual Aerospace Spotlight Awards Gala

- Daniel Guggenheim Medal
- Distinguished Service Award
- Goddard Astronautics Award
- International Cooperation Award
- Public Service Award
- Reed Aeronautics Award

- Engineer of the Year Award
- Lawrence Sperry Award



AWARDS Program

- **Technical Excellence Awards**

Recognize significant achievement in specific technical fields of aerospace - Presented at AIAA Forums

- Sponsored by TAD and IOD Committees
- Significant changes approved by TAD Chief and HAC
- Winners approved through Group Director, i.a.w. Award Charter and Judging Criteria
- 70+ technical awards

- **Best Paper Awards**

Recognize most innovative technical papers in aerospace design and structures, aerospace sciences, propulsion and energy, space and missiles, and other important areas - Presented at AIAA Forums

- Organized through technical committees
- 50+ Best Papers (professional and student best papers) and student competitions



AWARDS Program

- **Publication Awards**

Recorders of aerospace science and technology are honored for their contributions
Presented at AIAA Forums

- **Service Awards**

AIAA members are recognized for dedication and participation in AIAA activities over years

- Sustained Service Award (max 20/year), presented at a Forum or section event
- Diversity and Inclusion Award

- **Section Awards** - Managed by Lindsay Mitchell

Outstanding performance of sections or section members in areas such as communications and public policy are recognized

- **Partner Awards** (w/ASME, ASEE, SAE, VFS)

AIAA partners with other societies to recognize professionals for their accomplishments

AWARDS Program

- **Awards and Lectures Deadline:**
 - February 1, July 1, and October 1
- **Competitive:**
 - Need minimum of 3 valid nominations to proceed with award review and selection
- **Award Policy:** Nominees/awardees may not receive more than one AIAA National award for same accomplishment or body of work. Nominating same person for multiple AIAA National awards during same nomination cycle is not allowed. Highly encouraged that AIAA Section or Regional award winners submit nomination for corresponding or appropriate National award. (Guideline applies to all awards) including awards where AIAA is a partner - does not apply to AIAA lectureships or AFs, Fs and HFs
 - Some awards recognize specific and recent accomplishments, while others recognize lifetime achievement. Nominators should distinguish new nominations from previous AIAA Award winners in either of these categories to ensure no overlap
 - Nominees for AIAA lectureships may be accepted for previous AIAA Award winners. Topic of lecture may cover similar or adjacent work, but should NOT be identical to that of previous AIAA Awards

Section HAC Resources / For More Info

- HAC Chair: Laura McGill, lmcgill@sandia.gov
- For more information: AIAA H&A Website:
 - <https://www.aiaa.org/get-involved/honors-awards>



Membership

AIAA Member Categories



Professional

You hold a science or engineering degree or equivalent professional qualifications.

[Join](#)[Learn More](#)

Educator

You are a K-12 teacher of math, science, engineering or technology.

[Join](#)[Learn More](#)

University Student

You're a full-time university student with a concentration in aerospace.

[Join](#)[Learn More](#)

High School Student

You're interested in science, technology, engineering, or mathematics, while having a passion for aerospace

[Join](#)[Learn More](#)

Corporate Member

You are a business that wants to successfully move forward in the aerospace industry.

[Brochure](#)[Learn More](#)

Associate

You work or are interested in the aerospace industry.

[Join](#)[Learn More](#)

NEW



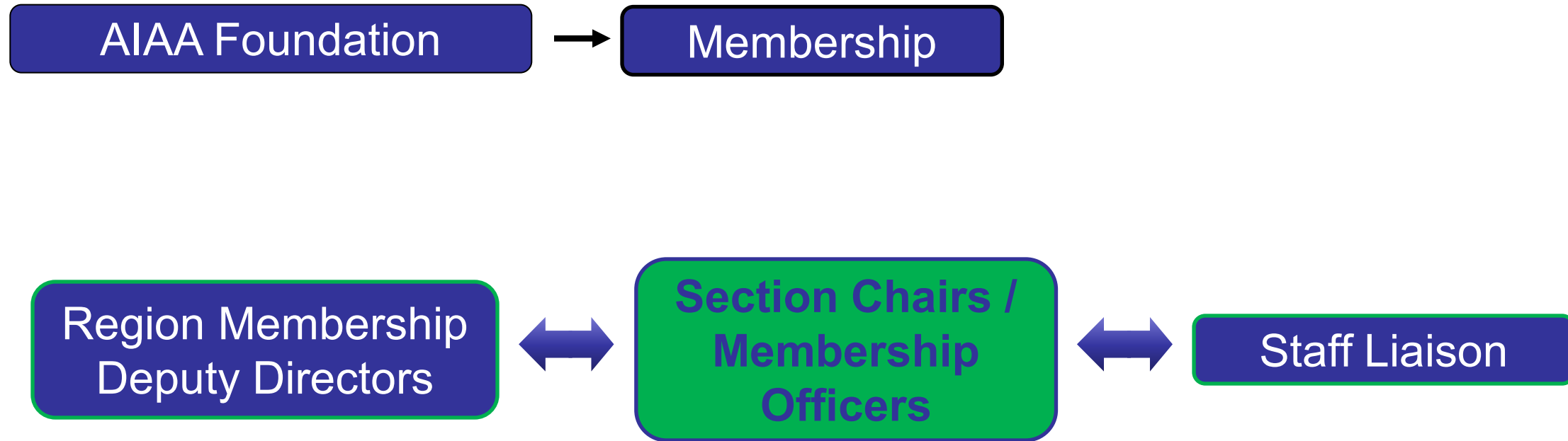
Membership Benefits

- Member Discounts
 - Continuing Education
 - Forums
 - Publications
 - Subscriptions
- Student to Professional membership transition

Membership Resources

- Membership material / brochures
 - How do you recruit / retain members?
 - What are your available section resources?
- Monthly section membership reports: Engage
 - What is your section membership make-up?
- Email templates
 - Welcome
 - Student to Professional Transition
 - Retention

Membership Flow Chart



Section D&I Resources / For More Info

- Membership POC:
 - List as many contacts as makes sense (if applicable)
- For more information: AIAA Membership Website:
 - <https://www.aiaa.org/membership>
 - Resources for sections can be found here
 - Membership material (brochures)
 - Email templates

Break: Networking for 30 minutes

- 10-minute, 3 rounds
- Nancy Andersen, Honors & Awards Committee
- Joe Connolly, Diversity & Inclusion Working Group
- Chris Crumbly, Public Policy Committee
- Jane Hansen, Student Branch Committee
- Angie Lander, Technical Activities Division
- Jeff Laube, Integration & Outreach Division
- Aldo Martinez, Membership
- Craig Merrett, K-12 STEM Committee
- Ashlee Youngpeters, Young Professionals Group

Possible Discussion Questions

- Best Practices: For a particular interest area – what practices / activities / strategies have worked well for your section? Why?
- Lessons Learned: For a particular interest area – what practices / activities / strategies haven't worked well in the past? Why?
- How does can this particular interest area provide value to your current section members or be used to recruit and provide value to new section members?
- Who can you reach out to, post RLC, for event ideas, suggestions, information, etc. for a particular interest area?
- How can you get further involved or engaged with a particular interest area, committee, etc.

Outreach Areas

Wrap – up / Closing Comments



AMERICAN INSTITUTE OF
AERONAUTICS AND ASTRONAUTICS

Regional Engagement Activities Division



Technical Activities Committees Back-up

Technical Activities Division

Jeff Hamstra, Lockheed Martin, Chief of TAD

Aerospace Design and Structures Group

Jeanette Domber, University of Michigan
10 Committees

Aerospace Sciences Group

Lesley Weitz, Raytheon Technologies
13 Committees

Aircraft Technology, Integration, and Operations Group

Rick Mange, Lockheed Martin
12 Committees

Information Systems Group

Terry Morris, NASA Langley
8 Committees

Propulsion and Energy Group

Joaquin Castro, Aerojet Rocketdyne
13 Committees

Space and Missiles Group

Lawrence Robertson, USAF Research Lab
15 Committees

Technical Integration Subcommittee

Meg Scheidt, GA Tech

How can you get involved in Technical Committees?

- **Review the TC list on the AIAA website**
 - If you know someone in your network who is an AIAA member, ask if they will nominate you for one of the TCs where you have expertise
 - Professors are one great resource for this
- **Attend AIAA conferences and meet committee members**
 - Ask more about the TCs they are involved in
 - Are they having a meeting you can sit in on during the conference and observe?
- **Participate in or help organize your school's participation in a student design competition**
 - Student teams work under faculty advisor
 - Opportunity to get your name out into the community and meet people on responsible TCs

Membership Selection Schedule

- 08/01** TC member application period opens (aiaa.org)
- 11/01** Application period closes
- 01/31** Committee member selection complete and proposed rosters to Directors, and updated roster to AIAA Staff
- 05/01** TC membership term begins

TC members typically serve for 3 consecutive 1-year terms

TAD Groups on Engage

Aerospace Design and Structures Group

- <https://engage.aiaa.org/aerospace-design-and-structures/home>

Aerospace Sciences Group

- <https://engage.aiaa.org/aerospace-sciences/home>

Aircraft Technology, Integration and Operations Group

- <https://engage.aiaa.org/aircraft-technology/home>

Information Systems Group

- <https://engage.aiaa.org/information-systems/home>

Propulsion and Energy Group

- <https://engage.aiaa.org/propulsion-and-energy/home>

Space and Missiles Group

- <https://engage.aiaa.org/space-and-missiles/home>

Regional Engagement Activities Division



Integration & Outreach Committees Back-up

Integration and Outreach Division (2021-2022)

Jeff Laube – Chief, Integration and Outreach Division

Angie Lander, Staff Liaison

AEROSPACE OUTREACH GROUP

Tucker Hamilton, Director

Jeff Jepson, Deputy Director

History – Kevin Burns

Society and Aerospace Technology – Amir Gohardani

Women of Aeronautics and Astronautics – Annika Rollock

YOUNG PROFESSIONALS GROUP

Ashlee Youngpeters, Director

Kaela Martin, Director-Elect

Sam Alberts, Director Emeritus

Networking/Professional Development – Tejas Puranik

Membership & Awards – Nathan Crane

Communications/ Engagement – Bryan Kowalczyk

INTERNATIONAL ACTIVITIES GROUP

Mary Snitch, Director

Aerospace Coalition Outreach – Ken Hodgkins

Honors and Awards Development – Anthony Murfett

Strategy & Implementation – Bob Winn

INTEGRATION GROUP

Peter Hartwich, Director

Tom McLaughlin, Deputy Director

Aerospace Traffic Management – Vince Schultz

CFD Vision 2030 - Dimitri Mavriplis

Digital Engineering – David Kepczynski

[Airborne](#) Directed Energy Systems – Don Wittich

Green Engineering – Kurt Papathakis

Space Exploration – Surendra Sharma

Supersonics – David Lazzara

Transformational Flight – Doug Stanley

Unmanned Systems – Mike Logan

BUSINESS AND MANAGEMENT GROUP

Les Lake, Director

Economics – TBD

Legal Aspects of Aeronautics and Astronautics – Michael Dodge

Management – Raymond Flores

IOD LIAISONS

Council Innovation and Initiatives Committee (CIIC):

Tom McLaughlin, Member

Les Lake, Member

Vince Schultz, Member

Honors and Awards:

Suzanne Smith

Engineer of the Year:

Jeff Jepson

Jonathan Cooper

FORUM POCs

Brent Pomeroy, AVIATION

Vince Schultz, ASCEND

Mujeeb Malik, SciTech

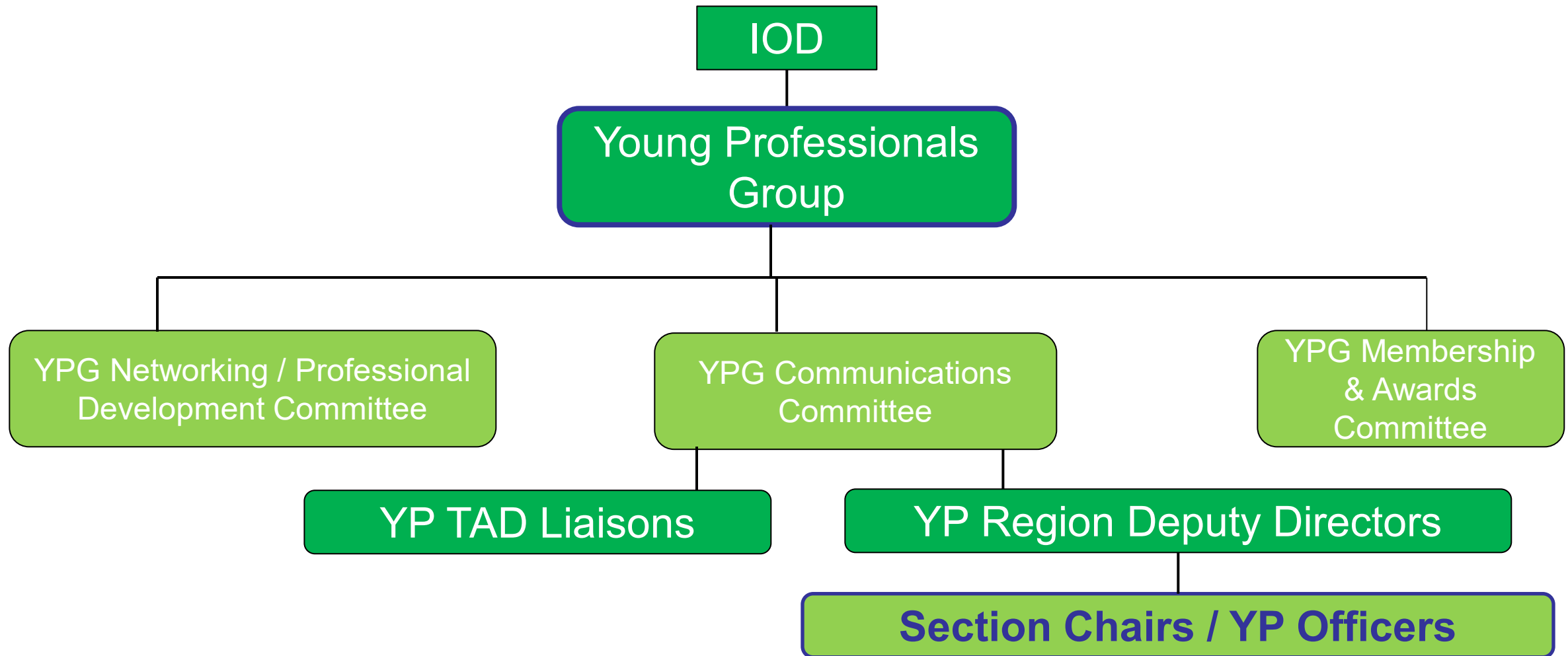
Last modified: 15 July 2021

Young Professionals Back-up

Promotion

- **Sections can:**
 - Promote and fill YP and university liaison roles within sections
 - YPG can communicate open section positions
 - University liaison can promote section and YP membership after graduation
 - Work with YP Regional Deputy Directors
 - Can provide ideas and guidance, connect to YPG
- **Student Branches can:**
 - Promote membership after graduation
 - Student to Professional membership transition (reduced membership fees)
 - Work with Sections for guest speakers and collaborative events (Distinguished Lecturer)
- **Both can:**
 - Bring awareness to opportunities like YPG and technical committees
 - Most students and YPs do not know that these groups and committees exist

YP Org Chart



Diversity & Inclusion Back-up

Diversity Working Group Subgroups

The subgroups are as follows:

- **Leadership:** Connects historically marginalized communities, both internal and external to AIAA, to opportunities focused on long-term professional growth within the Institute and broader aerospace industry.
- **Outreach:** Identifies and recommends academic, industry, government, nonprofit organizations, and other AIAA communities with which the AIAA Diversity and Inclusion Working Group should formulate strategic partnerships.
- **Programming:** Identifies and develops programs that will provide education, awareness, support, and growth of diversity within AIAA.
- **Recognition:** Identifies candidates who have made contributions to the advancement of diversity and inclusion and recommends the best way of recognizing their contributions.

AIAA Diversity Initiative Links:

- Diversity Scholars Program

- <https://www.aiaa.org/get-involved/committees-groups/Diversity-and-Inclusion/Diversity-Scholars-Program>

- Diversity Award

- <https://www.aiaa.org/get-involved/honors-awards/awards/award/award-diversity-and-inclusion-award>

- Local Section Grants

- <https://www.aiaa.org/get-involved/committees-groups/Diversity-and-Inclusion/diversity-event-grant-request>



Public Policy Back-up

AIAA Public Policy Includes...

- Delivering extensive technical expertise and policy guidance to decision makers at the federal and state levels
 - The Institute serves as a reliable resource on a full spectrum of aerospace issues
- Educating elected officials
 - One-on-one meetings
 - Issue briefings
 - Congressional/executive testimony
 - Policy papers and state fact sheets
- Providing feedback on legislation
 - (i.e., NASA Authorization Act, Aeronautics Innovation Act, etc.)
- Working with agency stakeholders
- Collaborating with sister societies to advance our common goals

AIAA Public Policy Is NOT...

- Lobbying
- Picking “winners and losers”
 - We are company and program agnostic
- Inviting the public to a section event

Why Public Policy Matters for Aerospace

- National security and interests are aerospace drivers
 - Policies, many programs, and agency budgets are decided by our elected officials
 - Providing the elected officials with technical insight and facts helps them to formulate and implement appropriate policies
- Absent our presence and message:
 - Our profession's concerns and contributions get lost in the noise of other national discourse
 - Critical research & development sponsorship needs do not get recognized
 - Resources may not be applied to preparing a future workforce for aerospace needs

What we aspire to



Apollo Discussion Aboard Air Force One with (left to right) NAS President Frederick Seitz, NASA Administrator James Webb, Doc Draper, and President Johnson.

What we are doing



Breanne Sutton, Rep. Bruce Poliquin, David Fox and Tim Dominick

How AIAA Benefits from Public Policy

- **Put a Face to a Name** – AIAA's exposure
- **As a Resource** – AIAA becomes the “Go To” technical and policy organization
- **Health of the Industry** – Advocate for the industry, highlighting the sector's importance and contributions



Public Policy Committee

- Consists of four outcome-based working groups responsible for:
 - Developing the Institute's annual key issues;
 - Organizing member-driven advocacy activities;
 - Providing policy-related inputs for the Institute's annual forums;
 - Arranging topical educational sessions for congressional staff; and
 - Administering the PPC's honors and awards



Varying Levels of Engagement

National



AIAA

CVD

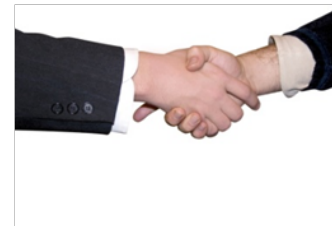
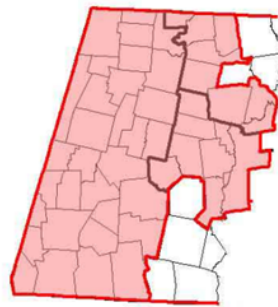
PPC

Regional



Deputy Director of
Public Policy

State/ Local



Section Events

Meetings w/ lawmakers
in local offices

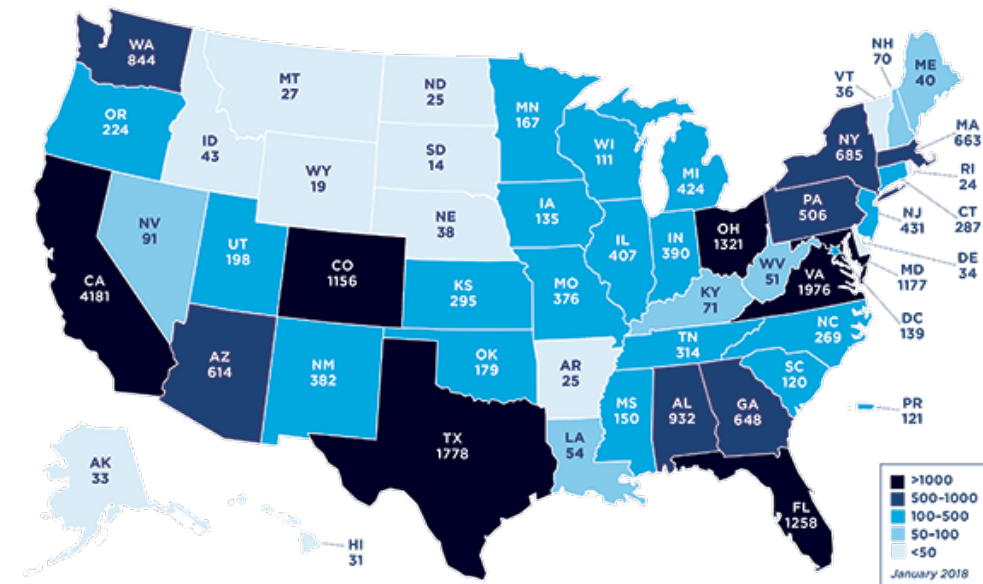
State Aerospace Days

Section PP Officers

How You Can Be Involved: At the National Level

- Participate in CVD
 - Even government employees can attend if they go as individuals
 - If you do not have other coverage, consider applying for an AIAA travel subsidy
- Contribute your expertise to preparation of background papers that expand on AIAA KI topics
 - Information Papers
 - Opinion Papers
 - Institute Position Papers
- Work with your Section and Region Deputy Director for Public Policy to provide KI recommendations for the next year
 - <https://www.aiaa.org/KeyIssueIdeas/>

AIAA MEMBERS BY STATE



We are many in AIAA, but each individual policy activist has impact

How You Can Be Involved: Locally

- Develop new public policy activities within the section, e.g.:
 - Prepare and distribute policy newsletters through section channels
 - Hold topical educational forums for Section members and the media, drawing on local subject matter experts from AIAA, industry, and academia
- Facilitate local interactions with congressional representatives
 - Invite them to speak or participate in Section events
 - Organized section member visits to local offices to build on CVD messaging
- Address state-level policy issues with state government representatives
 - Include visits to state legislators
 - Coordinate with other local aerospace/science/technology interest groups to get a critical mass for effective advocacy



**301 N. Walnut St. in Wilmington:
Home of Sen. Carper's N. Delaware
District Office**



Maryland State House in Annapolis

Types of Section-Level Activities

- Meet with your lawmaker(s) in their local office to review the Institute's key issues
- Organize a panel session with your local policymaker(s) about a particular key issue or other pertinent matter of interest to your section membership
- Hold a "Meet & Greet" happy hour with your local representative(s)
- Invite your member of Congress to a section dinner and have them speak about one of our key issues
- Hold a gathering where subject matter experts educate your lawmaker(s) about one of our key issues
- Invite a legislator or group of legislators to visit and tour a local aerospace facility
- Create a new event that fits your membership and state

August is for Aerospace Program

- AIAA Public Policy Committee reestablished the program in 2018
- Sections hold outreach activity with their elected officials to highlight the Institute's key issues or a subject of importance to the local aerospace community
- Outreach enables a continuation of relationships formed during CVD or an opportunity to begin an ongoing dialogue between the sections and their elected officials



2021 Congressional Visits Day

- 2021 CVD took place on Wednesday, March 17 (virtual)
- Registration opened in late fall
 - <http://www.aiaa.org/CVD/>
- Schedule:
 - Afternoon prior – Formal Training Session at TBD
 - 0900-1700 – CVD meetings take place
 - 1700-1900 – AIAA sponsored reception
- Leading up to CVD, there was Key Issue training sessions
 - Training sessions commence in February

Registration: www.aiaa.org/cvd/
Questions: Steve Sidorek, AIAA Public Policy,
at 703.264.7541 or steves@aiaa.org



Resources for Sections

- Guideline for Sections Document
 - Best practices for sections on conducting public policy activities
 - Regional DDPP Contact Info
- Regional Deputy Directors for Public Policy
 - Representative for the Regions to the AIAA PPC
 - Promote/encourage public policy events within the sections
- AIAA Advocacy Website
 - Key Issues
 - Key Issue input
 - Policy Papers
 - State Fact Sheets
 - Virtual Policy Events

STEM K-12 Outreach Back-up

STEM K-12 Committee's Chartered Purpose

- This Committee is established for the purpose of supporting K-12 STEM outreach programs that inspire the next generation of aerospace professionals.
- The Committee should also identify programs that can be deployed and implemented at the local level across AIAA communities.
- The Committee shall identify to the Board organizations for collaboration on STEM outreach activities.
- In addition, the committee shall maintain an awareness of the K-12 STEM programs that are being implemented across the AIAA.

STEM K-12 has three standing deliverables

- Develop Programs for teachers and students that can be implemented by the Sections, branches and TCs
 - Educator Associates: AIAA associate membership for K-12 educators (free)
- Develop and maintain metrics to be used for the programs
- Recommend new program ideas and programs for termination based on performance

STEM K-12 is organized into 5 Working Groups

- Outreach Technology
 - Provides technological support to operate programs and metrics
 - Administers the Distinguished Mentor program
- Diversity
 - Provides policy support to improve inclusivity of programs

STEM K-12 is organized into 5 Working Groups

- Educator Associate Engagement
 - Interacts directly with the teachers to find out what they need and collect feedback on programs
- Community Engagement
 - Interacts directly with Sections, Regions, and Technical Committees
 - Share best practices and encourage increased participation by AIAA members in K-12 programs

STEM K-12 is organized into 5 Working Groups

➤ Micro-Lessons

- Provides lesson plans for the Educator Associates to use in their classrooms
- About 95 have been created over the last 4 years
- Collaboration between Educators and AIAA members

STEM K-12

Now is a good time to join! We need members!

Working Group	Current Size	Volunteers Needed	Chair
Outreach Technology	2	2 AIAA, 1 EA	Craig Merrett*
Diversity	4	1 AIAA, 1 EA	Vacant
Educator Associate Engagement	5	5 AIAA, 10 EA	Geoffrey Andrews
Community Engagement	19	Regions 2, 3, 4, 6, 7	TBD
Micro-Lessons	6	1 AIAA, 3 EA	Suzanne Costner

Commitment level: About 10 hours per month and a passion to generate new programs!

Educator Associates: We need you! Our ability to generate effective programs is dependent on your input and guidance.

Contact: Craig Merrett – cmerrrett@clarkson.edu

Student Branches Back-up

AIAA University Programs

- **Graduate and Undergraduate Scholarships** — Financial aid and recognition for students in aerospace / aerospace related fields.
- **Design/Build/Fly (DBF) Competition** — Encourage student participation in this challenging and industry-recognized competition.
- **Design Competitions** — Encourage student participation in annual design challenges that span the breadth aerospace technical fields.
- **Regional Student Paper Conference (RSPC)** provides opportunities to support Students and Student Branches. These are the conferences for 2022, except for Region VII which is at the end of the calendar year 2021.
 - **Region I: Virginia Tech**
 - **Region II: Georgia Tech**
 - **Region III: Purdue University**
 - **Region IV: University of Texas, San Antonio**
 - **Region V: TBD**
 - **Region VI: University of California, Merced**
 - **Region VII: Melbourne, Australia (Nov. 29-30) in conjunction with the Australia International Aerospace Congress**
- **International Student Conference (ISPC)** — winners from the RSPCs compete for cash and prizes as part of the SciTech Forum.

Section members are encouraged to work with Student Branches to assure they take advantage of all opportunities / resources

Typical RSPC Timeline

- **August:** dates published for next student conferences. Student organizers should begin planning with their DDE now.
- **September-January:** Abstract solicitation begins
- **January-March:** Final manuscript solicitation
- **January-April:** Registration open
- **Late March/early April:** Conferences occur
- **Following January:** 1st place finalists present at SciTech @ International Student Paper Conference

Honors & Awards Committee Back-up

Honors vs. Awards

In Honoring Others – We Honor Ourselves!

AIAA is honored to honor you—the very best! A primary goal of the Institute is to recognize those who are making earthshaking achievements that make us stand up from our seats and cheer.

For over 80 years, AIAA has been committed to ensuring that aerospace professionals are recognized and celebrated for their achievements, innovations, and discoveries that make the world safer, more connected, more accessible, and more prosperous. From the major missions that reimagine how our nation utilizes air and space to the inventive new applications that enhance everyday living, aerospace professionals leverage their knowledge for the benefit of society. AIAA continues to celebrate that pioneering spirit showcasing the very best in the aerospace industry.



☆ Honors

🏆 Awards

<https://www.aiaa.org/get-involved/honors-awards>

HONORS Program



Senior Member

Senior Members are individuals who have demonstrated successful professional practice in the arts, sciences, or technology of aeronautics or astronautics for the equivalent of at least eight years.

- Processed Monthly
 - Automatic Upgrade when Member reaches 8 continuous membership years
 - Submit online application – requires endorsement of (2) Senior Members or higher grade
- New Senior Member receives email, with copy to nominator
- Currently, over 10,000 Senior Members
- Program managed by Monique Alabi

HONORS Program



Associate Fellow

Associate Fellows shall be persons 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.

- Maximum: 1 per 150 voting members (about 130 inductees/year)
- Frequency: Annual
 - Nominations due April 15 (open Feb 1) – submitted through Online Awards System
 - 3 Reference Forms due May 15
 - Nominations have a 3-year life span
- Competitive - Over 200 nominations received each year
 - Nominations should highlight accomplishments / contributions and impact – not a resume
 - Criteria: Technical (25%); Leadership (25%); AIAA Service (20%); Quality of References (10%); Other Aerospace Service (10%).
- Announcement: mid-Sep
- Inducted at Associate Fellows Recognition Ceremony and Dinner at SciTech Forum in Jan
- Over 3,400 Associate Fellows

HONORS Program

Fellow



Fellows shall be persons of distinction in aeronautics or astronautics, and shall have made notable and valuable contributions to the arts, sciences, or technology thereof.

- Maximum: 1 per 125 active Associate Fellows (about 28 inductees/year)
- Frequency: Annual
 - Nominations due June 15 (open April 1) – submitted through Online Awards System
 - 3 Reference Forms due July 15
 - Nomination Packages have 2-year life span
- Competitive - Over 125 nominations received each year.
 - High % of nominations submitted from academia – encourage more from government / industry
 - Nominations should highlight accomplishments / contributions and impact – not a resume
 - Criteria: Technical/Leadership (60%); AIAA/Other Aerospace Service (20%); Quality of References (20%)
 - Announcement: February 1 (HAC endorsement/Board of Trustees approval)
- Formal Induction at Fellows Dinner Ceremony (invite only) and Aerospace Spotlight Award Gala in May
- Over 700 Fellows

HONORS Program



Honorary Fellow

Honorary Fellows are persons of eminence in aeronautics or astronautics, recognized by a long and highly contributive career in the arts, sciences, or technology thereof.

- Maximum: No more than 4 nominees deemed most worthy are recommended to the Board for election each year (no more than 3 nominees from the same country)
- Frequency: Annual
 - Nominations due June 15 (open April 1) – submit word/pdf nominations and reference form
 - 3 Reference Forms due July 15
 - Nomination Packages have 3-year life span
- Competitive: Over 16 nominations received each year.
 - High % of nominations submitted from academia – encourage more from government / industry
 - Nominations should highlight accomplishments / contributions and impact – not a resume
 - Criteria: Ranking system
 - Announcement: February 1 (HAC endorsement/Board of Trustees approval)
- Formal Induction at Fellows Dinner (invite only) and Aerospace Spotlight Award Gala in May
- Over 70 Honorary Fellows

HONORS Program



Emeritus Members

Members who reached 50 years of continuous membership.

Members retain their member grade, but their “status” is Emeritus.

- AIAA Membership is now COMPLIMENTARY!
- Frequency: Annual
 - Mail letter, glass clock, certificate, and lapel pin with rocker
- Regions and sections notified
- Over 60 AIAA members reach this anniversary each year
- 1300 “Emeritus Members”
- Program managed by Monique Alabi



AWARDS Program

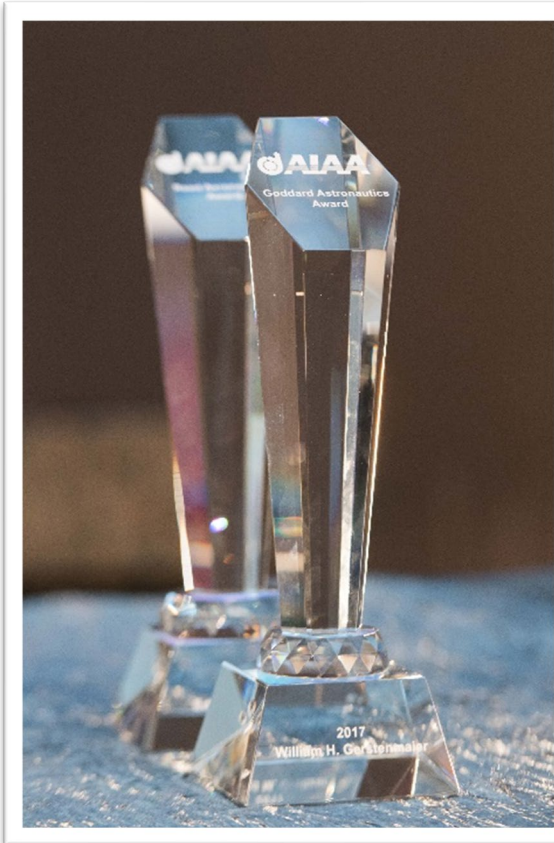
Since inception of AIAA Honors and Awards Program, thousands of honorees have been recognized for meritorious achievements, technical contributions, committed service, section participation, and loyal membership.

Several Categories of Awards:

Premier Awards

AIAA's highest awards, presented at annual Aerospace Spotlight Awards Gala

- Daniel Guggenheim Medal
- Distinguished Service Award
- Goddard Astronautics Award
- International Cooperation Award
- Public Service Award
- Reed Aeronautics Award
- Engineer of the Year Award
- Lawrence Sperry Award



AWARDS Program

- **Technical Excellence Awards**

Recognize significant achievement in specific technical fields of aerospace - Presented at AIAA Forums

- Sponsored by TAD and IOD Committees
- Significant changes approved by TAD Chief and HAC
- Winners approved through Group Director, i.a.w. Award Charter and Judging Criteria
- 70+ technical awards

- **Best Paper Awards**

Recognize most innovative technical papers in aerospace design and structures, aerospace sciences, propulsion and energy, space and missiles, and other important areas - Presented at AIAA Forums

- Organized through technical committees
- 50+ Best Papers (professional and student best papers) and student competitions



AWARDS Program

- **Publication Awards**

Recorders of aerospace science and technology are honored for their contributions
Presented at AIAA Forums

- **Service Awards**

AIAA members are recognized for dedication and participation in AIAA activities over years

- Sustained Service Award (max 20/year), presented at a Forum or section event
- Diversity and Inclusion Award

- **Section Awards** - Managed by Lindsay Mitchell

Outstanding performance of sections or section members in areas such as communications and public policy are recognized

- **Partner Awards** (w/ASME, ASEE, SAE, VFS)

AIAA partners with other societies to recognize professionals for their accomplishments

AWARDS Program

- **Awards and Lectures Deadline:**
 - February 1, July 1, and October 1
- **Competitive:**
 - Need minimum of 3 valid nominations to proceed with award review and selection
- **Award Policy:** Nominees/awardees may not receive more than one AIAA National award for same accomplishment or body of work. Nominating same person for multiple AIAA National awards during same nomination cycle is not allowed. Highly encouraged that AIAA Section or Regional award winners submit nomination for corresponding or appropriate National award. (Guideline applies to all awards) including awards where AIAA is a partner - does not apply to AIAA lectureships or AFs, Fs and HFs
 - Some awards recognize specific and recent accomplishments, while others recognize lifetime achievement. Nominators should distinguish new nominations from previous AIAA Award winners in either of these categories to ensure no overlap
 - Nominees for AIAA lectureships may be accepted for previous AIAA Award winners. Topic of lecture may cover similar or adjacent work, but should NOT be identical to that of previous AIAA Awards