

# CSBR NEWSLETTER

**FEBRUARY 2024**

## **MESSAGE FROM THE CHAIR**

Space. We no longer have definitions of where it begins and where it ends. The James Webb Telescope and others continue to show us stars both at the beginning and end of their existence. This information and the extraordinary photos have expanded our understanding of the universe. We also now see many space companies who are looking at LEO and MEO as their destinations – and others that are passing beyond the GEO belt to span the entire cislunar domain. This year has already started with many announcements for projects, collaborations, and new technologies. Looking across the globe in January there were 22 successful orbital launches. The pace is picking up each year.

We have several new companies here in Colorado. They bring their talent and technology to our industry. Our legacy companies are showing new vehicles, new visions and continuing long range projects to take us to the surface of the moon to learn more about the surface the subsurface and what created the craters, crevices, and maria.

What will be next? I am watching with great interest. I also see that space, much as it was generations ago, is part of our culture. NASA t-shirts show up at concerts and new Space themed Oreos catch our attention. Star gazing and meteor showers are party themes and dark sky communities promote looking at the night sky. Eclipses are travel destinations. We are intrigued. We are mission driven. We are all about aerospace.

Warm Regards,

Debra Wilcox  
CSBR Chair



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CSBR Chair

## 2023 COLORADO SPACE ROUNDUP RECAP



The Colorado Space Business Roundtable (CSBR) held its annual Colorado Space Roundup year-end events beginning with the 2nd annual Colorado Space Roundup dinner on December 5th at the Wings Over the Rockies Air and Space Museum in Denver. Over 100 guests attended the dinner and individuals and companies had the opportunity to network and share the great and exciting projects and programs happening in their lives or at their respective companies.

Advanced Space located in Westminster Colorado, was the host sponsor represented by Dawn Love, Chief Operating Officer. Advanced Space showcased the CAPSTONE (Cislunar Autonomous Positioning System Technology Operations and Navigation Experiment) program which is gathering operational data ahead of the Artemis program what will send the first woman and first person of color to the moon.

[Click here to continue reading on the CSBR Website...](#)



Dawn Love COO,  
Advanced Space



General John Barry,  
President & CEO WOTR



Joe Troutman, Director of  
Government Affairs,  
Forge Nano and dinner  
moderator with Paul  
Lichty, CEO Forge Nano



Alires Almon, Founder  
Deep Space Predictive  
and CSBR J.E.D.I.  
Committee Chair

**Congratulations to our corporate member  
CisLunar Industries!**

**CisLunar Industries Secures Lunar Foothold with DARPA LunA-10 Award  
for Lunar Infrastructure Integration**

CisLunar Industries has been awarded a contract with DARPA (The Defense Advanced Research Projects Agency) for the LunA-10 (The 10-Year Lunar Architecture) capability study to advance critical technology efforts in lunar infrastructure development. CisLunar Industries will facilitate the development of the METAL framework (Material Extraction, Treatment, Assembly & Logistics), in collaboration with 13 other visionary companies.

The [LunA-10 program](#) aims to study the rapid development of non-terrestrial technology concepts designed to move away from individual scientific efforts within isolated, self-sufficient systems and toward a series of shareable, scalable, resource-driven systems that can operate jointly, creating monetizable services for future lunar stakeholders.

For more information visit: [www.cislunarindustries.com](http://www.cislunarindustries.com)

[Click here to view the complete press release....](#)

# CONNECTING & ADVANCING COLORADO AEROSPACE

## COLORADOSBR.ORG



### Member Spotlight



#### Member Biography

Page is an international, integrated multidisciplinary architecture and engineering firm that is heavily focused on delivering value to clients in the aerospace, advanced manufacturing, mission critical and science and technology industries.

As a Principal / Owner and West Region Business Development Director I oversee all sales in the West Region of the United States by creating data driven strategic plans, develop relationships and execute client and project winning strategies.



Jay Sabatini,  
Principal

#### Why did you join CSBR?

Page works with a lot of mission critical companies, and we are excited to get involved and provide any value we can to CSBR and the companies that comprise it. We care about our community, these industries and our clients and collaborators.

#### What advice would you give others just starting out in their career?

Focus on helping others first. Be honest. Be yourself. There are a lot of clients, companies, opportunities out there but I focus on delivering value to the communities, organizations, and people we share values with.



#### Tell us about a success story of connecting with another CSBR Member?

Connecting with Kyle Ellington has been an immediate success story. Page works with Layton Construction on a wide variety of projects and I was happy to connect with Kyle, learn more about CSBR and it's mission and am excited to join and support the organization in any way I / we at Page can. Thank you for the opportunity.



## AEROSPACE DAY AT THE CAPITAL

# AEROSPACE DAY

A T T H E C O L O R A D O C A P I T O L

MARCH 4, 2024 - 9:00 AM to 6:00 PM

Register Today at [www.coaerospaceday.com](http://www.coaerospaceday.com)



PRESENTED BY: **Layton**



Join the Colorado Space Business Roundtable (CSBR), Colorado Citizens for Space Exploration (CSE), Office of Economic Development and International Trade (OEDIT), Colorado Business Roundtable (COBRT), Aerospace States' Association (ASA), Colorado Space Coalition (CSC), and AIAA Rocky Mountain Section in coordination with our numerous aerospace organizations for a day at the Colorado State Capitol. Enjoy a full day of networking and dialogue with our Colorado Legislators discussing how Colorado became one of the largest space economies per capita in our nation and how they can effectively support aerospace in our state.



# COLORADO

## Governor Jared Polis

Important U.S. Space Command Announcement from the Governor's Office

We are thrilled to share important news that was released from the Polis-Primavera administration. On Friday, U.S. Space Command officially declared Full Operational Capability (FOC) at Peterson Space Force Base in Colorado Springs, Colorado. FOC is a critical milestone for the Command as it seeks to ensure our national security in the space domain.

Metro Denver Economic Development Corporation and the Colorado Space Coalition celebrate this significant achievement, President of the Metro Denver EDC, Raymond H. Gonzales, underscores the profound economic impact of this milestone for Colorado and the region, saying, **"Congratulations to U.S. Space Command on achieving Full Operational Capability at Peterson Space Force Base. This accomplishment reinforces Colorado's position as a leader in aerospace and national security. The decision to maintain Space Command's headquarters in Colorado Springs underscores the unmatched space industrial base and the innovative workforce that our state provides, ensuring the immediate and long-term success of the Command."**

Read the full press release from the Governor's office below.

**[Click here for an Important U.S. Space Command Announcement from the Governor's Office](#)**

## **Space Domain Awareness (SDA) Tools-Applications-Processes (TAP) Lab**



U.S. Space Force's Space Systems Command launched the SDA TAP Lab last autumn in Colorado Springs. Under the leadership of Major Sean Allen, the Lab's first cohort (dubbed "Project Apollo") has been maturing solutions for warfighter implementation - some delivered in less than 100 days. CSBR plans to host a webinar this Spring featuring Maj. Allen and his team, and an in-person event later in the year to showcase this excellent addition to the Colorado aerospace ecosystem.

**Click here to read the full story: [Startups, universities selected for accelerator focused on space domain awareness - SpaceNews](#)**

## **From Christy Lee & ULA: United Launch Alliance Successfully Launches First Next Generation Vulcan Rocket**



### ***The inaugural launch marks the beginning of an exciting new era for ULA***

United Launch Alliance (ULA) marked the beginning of a new era of space capabilities with the successful launch of its next generation Vulcan rocket on Jan. 8 at 2:18 a.m. EST from Space Launch Complex-41 at Cape Canaveral Space Force Station. The Vulcan provides industry-leading capabilities to deliver any payload, at any time, to any orbit.

“Vulcan’s inaugural launch ushers in a new, innovative capability to meet the ever-growing requirements of space launch,” said Tory Bruno, ULA’s president and CEO. “Vulcan will provide high performance and affordability while continuing to deliver our superior reliability and orbital precision for all our customers across the national security, civil and commercial markets. Vulcan continues the legacy of Atlas as the world’s only high-energy architecture rocket.”

Vulcan will leverage the world’s highest-performing upper stage to deliver on ULA’s industry-leading legacy of reliability and precision. Centaur V’s matchless flexibility and extreme endurance enables the most complex orbital insertions within the most challenging and clandestine orbits.

“The successful development and flight of this evolutionary rocket is a true testament to the unrivaled dedication and ingenuity of our workforce,” said Mark Peller, vice president of Vulcan Development. “Vulcan’s purpose-built design leverages the best of what we’ve learned from more than 120 combined years of launch experience with Atlas and Delta, ultimately advancing our nation’s space capability and providing unprecedented mission flexibility.”

The Cert-1 mission served as the first of two certification flights required for the U.S. Space Force’s certification process. The second certification mission (Cert-2) is planned to launch in the coming months, followed by a summer launch of the first Vulcan mission to support national security space.

“As we build on yesterday’s successful launch, the team will continue to work towards our future bi-weekly launch rate to meet our customers’ manifest requirements, while continuing to develop future Vulcan upgrades including SMART reuse plans for downrange, non-propulsive recovery of Vulcan engines,” said Bruno.

ULA has sold more than 70 Vulcan launches to date, including 38 missions for Amazon’s Project Kuiper and multiple national security space launch missions as the part of the country’s Phase 2 launch procurement.

Photos available on the [ULA Flickr page](#).

## INTERN NEWS



As a college student attendee at The Colorado Space Roundup (CSBR), I was grateful to be part of this premier event that brought together Colorado's industries, schools, and defense projects in the growing aerospace scene. The atmosphere was buzzing, and full of innovation and teamwork. It was held at the Denver Museum of Nature and Science, and was the highlight of the year for Colorado's space enthusiasts. From inspiring panel talks to networking opportunities and a wonderful kick off dinner the evening prior at the Air and Space Museum in Denver. Having a night under the wings was truly a lasting memory and the displays they have are breathtaking to take in. CSBR gave us astonishing connections and insights beyond the classroom. Thankful is an understatement, to be able to enjoy some amazing aerospace events in the Colorado Rockies area.

Best regards,

Michaela Burchici

## RECENT ROAD TRIP UPDATE



Ft Morgan Community College along with members of the local community hosted the first 2024 CSBR roadtrip. There was a room full of businesses, students, faculty and local leaders who learned about the many opportunities in and associated with our Colorado aerospace and community. Joe Rice and Chad Vorhmann from Lockheed spoke to the ways in which businesses can engage with Lockheed. There was also a good conversation among all participants about career opportunities and business leaders shared strategies for getting a job with the students. CSBR board members present, including Debra Wilcox, Chair and Robin Bruce, Colorado Council of Black Nurses. CSBR welcomes opportunities to visit Colorado communities and open dialogues for engagement with businesses, educational institutions students and community members.

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# Board of Director Changes

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- Bob Cone handed the Chair to Debra Wilcox after three years of exceptional leadership of our Board.
- We bid farewell to several Board members (some who moved out of State or took on new responsibilities) and welcomed five incredible thought leaders to our Board:
  - Robin Bruce, Colorado Health
  - Rachel Cheetham, Capella Space
  - Ryan Nalty, CU Boulder
  - Rita Peterson, Caribou Thunder Engineer Services
  - Stacey DeFore, Advisory Board Chair, Lockheed Martin Space



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# Highlighting 2023 Accomplishments

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### Continued to grow the “CSBR Brand”

- Published four “Sentinel” Newsletters
- More events outside I-25/US-36
- Increased community outreach and advocacy
- Implemented three J.E.D.I. Council Workshops

### Strong Board Participation

- Advisory Board centered around Industry Thought Leaders
- Increased rigor in Board operations (including a novel Strategic Funding Model to stabilize CSBR cash flow through the year)

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## Continuing Our Momentum

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- **Student Ambassador Program**
  - Continue our vibrant program
  - Multiple student-led presentations at the Annual Roundup
  - **Focus for 2024:** Establish an Advisory Board Student Representative
- **Outreach**
  - Expand outreach to Non-Profit Technical Assistance organizations
  - **Focus for 2024:** New Strategic Partnerships engagement vector
- **Membership**
  - Drive membership
  - 2023: 139 new individual members
  - **Focus for 2024:**
    - Continue growing our Membership as an active 501(c)6 advocate for our collective market interests
    - Establish a new Membership Model for corporate members to stabilize our cash flow
- **Partnership & Sponsorship**
  - Expand current partnerships and sponsorships
  - **Focus for 2024:**
    - Support our MOU partners, such as new fighters for the 140th Wing



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## COLORADO SPACE CALENDAR

The [Colorado Space Calendar](#) serves as a valuable resource for staying informed about space and technology events throughout the year, offering opportunities for networking, industry insights, and personal skill development. With many events being free, we encourage our members to bookmark the Colorado Space Calendar for convenient access to community happenings.

- February 3–May 5, [Space Explorers: THE INFINITE](#), An Immersive Experience, Stanley Marketplace, 2501 N. Dallas St., Aurora, Colorado 80010
- March 4 – [Colorado Aerospace Day at the Capital](#), Colorado State Capitol, 200 East Colfax Avenue, Denver Colorado 80203
- April 8-11, 39<sup>th</sup> [Space Symposium](#), The Broadmoor, Colorado Springs, Colorado

Please feel free to submit your events to our calendar for additional publicity at: [info@coloradosbr.org](mailto:info@coloradosbr.org).

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## CSBR - NEW MEMBERS

We extend a heartfelt welcome to our newest members who have recently joined CSBR. As you settle into our community, we encourage you to explore the myriad of opportunities and resources available to you. Whether it's participating in discussions, attending events, or collaborating on projects, we believe that your unique perspectives and contributions will enrich our community immeasurably. Together, let us forge new friendships, cultivate valuable experiences, and inspire one another to reach greater heights. Once again, a warm welcome to our new members – we are excited to embark on this journey with you!

The CSBR Board of Directors

**CSBR's newest Members and Renewals:**

- Michael Anglen – Gigit, Inc. dba Gigit Security
- Reggie Ash – Terra Ferma
- Charles Brackman – Flintco
- Karen Breschini – Gigit Inc., dba Gigit Security
- Tim Bush – ispace technologies US
- Casey Dallas – The Weitz Company
- Marshall Dormire – Advanced Structural Technologies, Inc
- Chris Evans – Bryn Neil
- Peter Fischer – Bryn Neil
- Ron Garan – ispace technologies US
- Chris Geipel – Maxson Engineering
- Greg Glover – Freedom Space
- Scott Kantner – WB Engineers + Consultants
- Rob Kiester – Ware Malcomb
- Jon Kirchner – Perfero Advisory
- Jebb Lewis – Gigit Security
- Quentin Lheritier –
- Daniel McGeary – Armanino
- Patrick Meade – WB Engineers + Consultants
- Todd Mears – Radiation Test Solutions
- Steve Midson – Colorado School of Mines
- Richard Moore – Kestrel Design Group
- Al Morris – ESI Motion Inc.
- Russ Negaard – Buffalo Builders, Inc.
- Kevin Perez – Vergent Products
- Anthony Pilla – Turner Construction
- Karen Posey – KP Strategies
- Jay Sabatini – Page
- Erika Sanchez – Ware Malcomb
- Jamie Shaw – Bryn Neil
- Kristin Smith – JP Morgan Chase Bank
- Faris Spinosi – WB Engineers + Consultants
- Megan Stewart – Bryn Neil
- Jason Thomas – OpenC3
- Andre Umali – CU Boulder Aerospace
- Chad Vorthmann – Lockheed Martin Space
- Ryan Whitley – ispace technologies US
- Rob Zippo – NexusPCB Technologies

# BECOME A CSBR MEMBER TODAY!

Annual Membership Rates are listed below. Click [HERE](#) to join!

For membership questions or to join CSBR, please reach out to our office at [info@coloradosbr.org](mailto:info@coloradosbr.org).

## CSBR Member Benefits Include:

- Significantly reduced member pricing for the December Colorado Space Roundup
- Complimentary registration at the annual Beer & Brats with Astronauts
- Exclusive members only Aerospace Exchanges
- Password Protected Member Center on our website ~ includes resources and access to CSBR membership list
- Discounted member advertising and sponsorship opportunities
- Newsletter & social media contribution opportunities
- Job posting at no charge for members

## CSBR VOLUNTEER OPPORTUNITIES

Our Board of Directors value the opportunity to work alongside our member volunteers in advancing the CSBR community. CSBR has eight committees that actively plan, promote and serve our industry.

### Committees:

- Membership
- Marketing / Communications
- Roundup Committee
- Strategic Partnerships
- Events and Activities
- Road Trip Committee
- Internship Committee
- J.E.D.I. Space Committee

To learn more about the time commitment and responsibilities of being involved or If you have specific questions about the current work of the committees, feel free to reach out to the current committee chairs listed on our website.



SIGN UP:  
[CLICK HERE.](#)

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## CSBR MEMBER RESOURCES

- CSBR Job Board: Search [HERE](#)
- CSBR Event Calendar: Search [HERE](#)

Please email your events and job openings to: [info@coloradosbr.org](mailto:info@coloradosbr.org).