



**SCHRIEVER CHAPTER 147  
AIR FORCE ASSOCIATION**



UNITED STATES  
SPACE FORCE



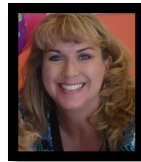
# Air Force Association Chapter 147 General Bernard A. Schriever Chapter Los Angeles, CA



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## Community Partners:

Click on the logo to be directed to the community partners website.

### Category 2



### Category 1





*From The President.....*

I began my term as Chapter President under a lot of uncertainty. Our previous President, Arnie Strelend, did an outstanding job guiding the Chapter in the face of COVID-19 shut-downs. Your Chapter's virtual 2020 Schriever Space Futures Forum earned an Exceptional Service Award for the "Best Single Program" and Arnie was recognized by Lt Gen (ret) "Orville" Wright, the President of AFA National, with an Exceptional Service Award for his role. But, again in 2021, we had to juggle events to remain compliant with federal and/or county shutdown mandates necessitated by the pandemic. We had to cancel our 2021 Salute to SMC Dinner and Executive Forum, but we were able to present the Awards in the courtyard of SSC. And we followed that event with an in-person induction of the classes of 2020 and 2021 at the Schriever Wall of Honor. To close out the year, we had to move our Schriever Space Futures Forum from the Gordon Conference Center at Los Angeles Air Force Base to the Beverly Hilton to accommodate the audience size and comply with health rules. That last minute relocation was only possible through the generous sponsorships of our Industry Partners. We followed the Forum with our First Annual Space Force Ball which was a rousing success. You could literally feel the excitement of folks in being able to meet in person and in finally having a Space Force. We awarded the T.D. White Space Award to Lt Gen Chance Saltzman, and presented a Schriever Fellowship to BGen Jason Cothorn. And, we enjoyed an awesome Space Force Birthday cake featuring a Vulcan Centaur, the new rocket of our executive chair, ULA. I'm hoping 2022 brings fewer health restrictions, but on the positive side, we've certainly learned how to host world-class virtual, hybrid and in-person events.

Your Schriever Chapter also played a major role in the on-going efforts to evolve the AFA in response to the establishment of the U.S. Space Force. The Space Force is part of the Department of the Air Force, and the service is the leanest of our armed forces. Airmen will retain key roles in performing the space mission, so we'll have both Guardians and Airmen to support as part of our Chapter mission. As a result, it makes a lot of sense for our Schriever Chapter to ensure we support both as they perform newly re-designated Space Systems Command's (previously SMC's) critical mission. Thankfully, AFA National leadership is leading efforts to adapt the organization; evolving the Air Force Association to become the go-to professional organization for both Guardians and Airmen. Last year, our Chairman of the Board, MGen (ret) Tav Taverney, and former SMC Vice Commander, MGen (ret) Roger Teague, co-chaired a Space Systems Group, SSG, which included The Honorable Matt Donovan, Gen (Ret) John Jumper, Gen (Ret) Les Lyles, Gen (Ret) Bob Kehler, Gen (Ret) Willie Shelton, Lt Gen (Ret) Mike Hamel, Lt Gen (Ret) Dave Deptula, Lt Gen (Ret) Tom

Sheridan, Lt Gen (Ret) Susan Helms, and CMSgt (Ret) Linus Jordan. It was a very high-powered group. I had the honor of co-chairing, with National Director Joe Burke, a Space Working Group to support the SSG. Together with representatives from other space-facing Chapters, we developed and executed a survey to provide data to the SSG about what Guardians and Airmen at our Chapters are looking for from a professional organization. We provided our input to the SSG, and the SSG presented recommendations to the National AFA in conjunction with this year's national convention. We plan to keep our foot on the gas to complete the evolution of our association.

I need to also add a somber note. We lost two notable Schriever Chapter members who recently passed away. Jerry Saunders was a long-time member of our Schriever Chapter Board of Directors and a tireless advocate for the Los Angeles Air Force Base community. Lt Col (ret) Robert Hecker served as a bombardier with the 8th Air Force during World War II, earning 5 Air Medals, a Distinguished Flying Cross and the French Legion of Honor. He was a frequent guest at Chapter events, including our last Air Force Ball in Nov of 2019. Both of these men will be sorely missed.

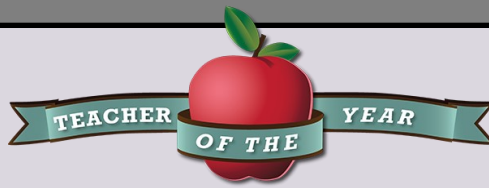
As we approach the end of 2021, I wish you all a joyous holiday season. I hope your schedules include time to recharge and spend quality time with family and loved ones. All the best in 2022.

Bill Harding

President

AFA Schriever Chapter 147





## **Congratulations to the Two AFA Shriever Chapter STEM Teachers of the Year (TOY)**

This year the AFA Schriever Chapter Board of Directors selected two Science, Technology, Engineering, and Math (STEM) High School Teachers of the Year! The Chapter Board increased the award amount to \$350 per TOY awardee for this year to help compensate the teachers for their continued efforts during this pandemic. The two teachers selected are: Ms. Lori Ikari, North High School in Torrance, California, and Mr. James Warren, Palos Verdes High School in Palos Verdes Estates, California.

Ms. Ikari teaches Biomedical & Health Sciences and has remained committed and dedicated to her students throughout the entirely remote academic year by exceeding her regular responsibilities. Throughout the remote learning period, Ms. Ikari ensured students' access to the Health Science and Medical Technology STEM curriculum by providing them with resources to continue hands-on, teacher-led activities from the safety of their homes. In a typical year, her students conduct laboratory dissections and various experiments using industry-standard laboratories. Since this was no longer possible in person, she researched and found "Labster", a dissection simulator, and "iCEV," which gave her Health Science & Medical Technology students hands-on experiences through online simulations. She took personal time and resources to create take-home lab kits, including skeletal and muscular kits for students to pick up and work on with her over Zoom meetings. During distance learning, students learned the theory of athletic patient care and injury prevention, practicing techniques from home also with provided resources. Ms. Ikari also invited guest speakers through Zoom and coordinated virtual field trips to connect her students with real-world professionals.

Mr. Warren teaches Physics and has demonstrated his passion for teaching by developing a new Physics curriculum, Einstein Physics, which is the equivalent of a second-year college level course. As the co-director of the Palos Verdes Institute of technology (PVIT), Mr. Warren spends extra hours working with students, developing engineering products, and preparing for engineering competitions. Many of the PVIT teams, encompassing about 150 students, have won competitions at the local, regional, state, national, and international levels under Mr. Warren's guidance. The PVIT teams have also been successful in competing against university programs and professional engineering companies in competitions involving underwater remotely-operated vehicle, unmanned aerial vehicle, autonomous robots, and cybersecurity. Not only does Mr. Warren promote STEM, he also regularly mentors and supports students' social and emotional health.

The Board congratulates this year's STEM TOY winners and thanks them for their dedicated service in making students capable of, and interested in, pursuing STEM careers!



Chapter President, Bill Harding presented the 2021 T.O.Y. award to Ms. Ikari during an all-staff meeting headed by their principal.



Ms. Ikari prepares skeletal and muscular kits for her students to pick up during the pandemic



Mr. Warren is recognized by the Palos Verdes High School staff and student body for being selected as the Teacher of the Year



The AFA National Convention was recently held  
September 18-19 in National Harbor, MD.  
A number of important items were addressed

- ◆ A revamping of the AFA organization and structure has been under consideration but turned out not to be ready this year for delegate approval. More work will be carried out with an intent to bring this back to the delegates next year. Considerations include:
  - ◆ Reorganizing the National Board of Directors
  - ◆ Moving to a membership-based organization rather than the current delegate approach
  - ◆ New voting details
  - ◆ New operational guidelines
  - ◆ President becomes CEO of full organization
  - ◆ Board of Directors directed to proceed to include “Space” in the new naming of the AFA.
  - ◆ The following AFA Chapter areas are part of the Space Working Group (SWG): Los Angeles, Colorado Springs, Denver, Albuquerque, Cape Canaveral, Vandenberg, Northern Virginia, and Sunnyvale Museum.
  - ◆ There is an overall challenge to improve conference attendance and membership numbers.
  - ◆ Increased Advocacy is a key focus of AFA.
  - ◆ Two new officers were elected for the Secretary and Vice Chairman for Aerospace Education positions.
  - ◆ Integrating Space into the current AFA organization over the next year will receive considerable attention and effort.

Wayne Kauffman, Schriever Chapter Board Member  
AFA National Liaison





# Wall of Honor

In 2007, then-SMC dedicated a memorial wall and Eugene Daub sculpted a bronze statue of General Bernard A. Schriever for display in the Schriever Space Complex Courtyard. The Air Force Association's (AFA) Schriever Chapter 147 sponsored and commissioned the statue and the Air Force sponsored the wall. The statue and a granite wall stand in the middle of the courtyard complex so base team members and visitors alike are reminded of our history.

Industry Sponsors of the Schriever Statue included: Boeing, Continental Development, Lockheed Martin, Northrop Grumman, Raytheon Space & Airborne Systems, The Aerospace Corporation, General Dynamics, Pratt & Whitney Rocketdyne, Leidos and the United Launch Alliance. These sponsors names are etched on the back of the statue's base.

SMC (now redesignated Space Systems Command, SSC) is the birthplace of military space, but really had no enduring tribute to memorialize the legends who shaped our rich heritage. In 2013, the Schriever Chapter undertook the task of saluting those pioneers by etching their names into the Wall to honor those who had made significant contributions to the historical accomplishments of SSC and its predecessor organizations while being assigned at, or closely connected to, SSC, going back to WDD in 1954 - on what we now call the Wall of Honor (in essence our Hall of Fame). We developed an annual selection process that transcended the chapter and included not just SSC, but also the other major organizations and associations (NDIA, SCAPR, and this year, added Women in Aerospace). The Schriever Chapter builds a list of candidates each year. We solicit nominations from any interested party, develop biographies with the history office and the AFA, and then distribute the list with the bios for voting and selection for enshrinement.

The names of our inaugural class of six honorees were engraved on the Wall in June of 2014. This marked the start of a tradition of honoring individuals who have had permanent and positive effects on the beginning, growth, evolution, and/ or made a significant contribution to the success of National Security Space and/or Missile Programs. Since that first class of honorees, we have added 30 names to the Wall. This annual induction ceremony for our "Wall" inductees is a calendar highlight at SSC along with being a visible and wonderful reminder of our rich history. The Chapter works diligently each year to host families of honorees and surviving honorees in a celebration of the contributions that forged our heritage, drove our current preeminence in space, and enabled our future.

This year the Wall of Honor was a joint ceremony with the honorees from 2020 and 2021 at the Los Angeles Air Force Base September 24th.

## Honorees for 2020

Hon. Edward Cleveland (Pete) Aldridge Jr,  
Dr. David Altman, Gen Lester Lawrence Lyles,  
Dr. Ruben Frederick Mettler, Hon. Peter B. Teets,  
Col Lonnie Quitman Westmoreland

## Honorees for 2021

Col Frank Stanton Buzard, Mr. Norman Ralph Augustine,  
Col Oliver W. Fix, Ms. Edna M. Sugihara,  
Gen. Ellen Marie Pawlikowski and Dr. Wanda M. Austin



# Wall of Honor Ceremony

Sept 24, 2021



National Anthem



AFA President William Harding and his wife Charlene



Invocation with Chaplain Shin



Lt. Gen. Michael A. Guetlein, Commander, Space Systems Command



MC, TSgt. Malysa A. Darland



Chairman of the Board: Thomas D. Taverney, Maj Gen (USAF Ret)



MC, Captain Steven Hedgepeth



Former SMC Commander, Lt. Gen Sam Greaves and his wife Pat.



Wayne Kauffman, Laura Pope and past Chapter president Steve Scott.



The revealing of the Wall of Honor



Past Chapter President, Steve Pluntze, with Lt Gen Guetlein





Vivian Teets, wife of Honoree Peter Teets,  
Tav Taverney, Honoree Dr. Wanda Austin, Lt Gen  
Guetlein, Honoree Gen Ellen Pawlikowski, Honoree  
Ms. Edna Sugihara

Last year's Wall of Honor Ceremony had to be cancelled due to the pandemic. Therefore a joint ceremony was held for the honorees of 2020 and 2021.

Three of the 2021 Honorees were able to attend the Wall of Honor Ceremony. Also the wife of a 2020 honoree attended.

Many of the Chapter Board of Directors were in attendance. It was a beautiful day to honor 12 very deserving individuals for their contribution to the DoD Space Program.



Col Frank Stanton Buzard Family



Col Oliver W. Fix, family & Friends



Gen Ellen Pawlikowski family & friends



Hon. Peter B. Teets family



Dr. Wanda Austin Family and friends



Ms. Edna Sugihara



Your AFA Chapter 147 works hard to raise funds to support our Airmen, Guardians, educators, students and Veterans. There is a list at the end of the newsletter of the committees dedicated to funding a variety of groups and individuals to encourage and support future scientists and engineers. Thank you for your continued membership that enables us to donate generously. Below is a thank you letter from a scholarship recipient.



**DEPARTMENT OF THE AIR FORCE**  
**UNITED STATES SPACE FORCE**

MEMORANDUM FOR SCHRIEVER CHAPTER AFA SCHOLARSHIP BOARD

FROM: SSC/ECZFT  
483 North Aviation Boulevard  
El Segundo CA 90245-2808

SUBJECT: Captain Charles A. Bolen Scholarship Appreciation Letter

Thank you for selecting me to receive the Schriever Chapter Air Force Association Scholarship. This financial support is going to go a long way in helping me with achieving my master's degree in Engineering Management. I am already applying many lessons learned through my studies to better my professional performance in my duties as an acquisition professional. Your belief and support shown by awarding me this scholarship is very humbling and I will continue to strive to excel in my studies and performance.

A handwritten signature in black ink, appearing to read "CAB", with a long horizontal line extending to the right.

CHARLES A. BOLEN, Capt, USSF  
Integration Section Chief  
Space Systems Command  
Advanced Technology Branch  
Integration & Futures Division  
Special Programs Directorate





## *THE LOS ANGELES SPACE FORCE BALL*

*The first Space Force Ball was held Friday, November 19, to honor the men and women of the United States Space Force and the United States Air Force*

*It was held at the Beverly Hilton Hotel International Ballroom*

*A supplemental newsletter will be sent sharing information and photos from the Ball.*





# Committees



## AFA National Liaison

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## Airmen/Family support

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## Schriever Pioneers (Wall of Honor)

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