AEROSPACE MEDICAL ASSOCIATION FOUNDATION NEWSLETTER

Volume 25 / Fall 2026

FOUNDATION BOARD

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Notes from the Chair

The Foundation has 19 dedicated funds that are responsible for funding over 20 yearly scholarships. These very competitive scholarships are mostly directed at students, residents, and aerospace medical professionals that are early in their careers. **It is the most important mechanism that the AsMA organization has to grow, encourage, and develop the field of Aerospace Medicine.** It encourages early achievement and recognizes people for their interest and early dedication to the field.

The Foundation allows a mechanism where people who have spent their career in Aerospace Medicine can give back to a field that has given them so much. It is not important whether someone gives $100 or $10,000. But if Aerospace Medicine has benefited your life, then we would hope that you would participate in the Foundation at some level. For many of us, we feel that it is important that we establish a legacy that will continue after we are no longer at the annual meeting in fellowship with our life-long colleagues and have established dedicated funds that will fund scholarships long into the future. Please consider participating in the AsMA Foundation.

Donations to the foundation are tax deductible and they grow rapidly as they are immediately invested into our brokerage account which has performed well year after year. The average return on investment in the last 10 years has been 9% and last year was over 10%! The foundation assets have increased from $658,500 on 12/23/23 to $1,200,000 as of 10/1/26. We still have a goal of reaching $3 Million by 2029 in our *Need for Speed* campaign. It is easy to donate by going to our web site, asmafoundation.org. On-line donation by credit card, PayPal or bank transfer is now easy and secure with our new software.

You can designate a Fund, donate as a tribute to someone, and set up a monthly recurrent donation to suit your budget. In addition, the Foundation stands ready to work with donors whose tax situations are more complex and who may be better served by direct transfer of appreciated stocks, bonds, mutual funds, or properties.

I want to thank all of the members who supported the Aerospace Medical Association Foundation with donations and pledges at the last annual meeting. Total donations received during the meeting were $56,000.00! We gave out close to 200 golf shirts to anyone who promised a donation. We plan to give out AsMA Foundation golf shirts at the May meeting in Dallas (this year's shirt will be an aviation blue color).

Mark R. Campbell, M.D., Chair

FOUNDATION ANNOUNCES NEED FOR SPEED FUNDRAISING CAMPAIGN IN ASSOCIATION WITH THE 100TH ASSOCIATION ANNIVERSARY

In 2024, the AsMA Foundation announced a $3 million dollar fund raising campaign to coincide with the 100th AsMA anniversary in 2029. The fund is planned to accelerate and empower the education, training, and research efforts of the next generation of physicians, scientists, physiologists, nurses, and aeromedical managers that will take human presence to deep space and higher, faster, and safer in the atmosphere. Specific targets for the funds include supporting education and graduate training in aerospace medicine, expanding technology in our field, establishing seed grants and support for young investigator research, and aeromedical support for training and support of the new workforce needed in commercial spaceflight. The Need for Speed: Farther, Faster, Together campaign seeks to reach the target goal in time to celebrate AsMA's 100th anniversary in May 2029. While a campaign of this magnitude will require some major gifts, the key to its success will be that all AsMA members participate in some way that fits their individual financial situation.



BOARD REPORT

The AsMA Foundation Board met on May 17, 2026, during the Annual Scientific Meeting in Denver. The Board welcomed Jeff Myers and Jim Vanderploeg as its newest members and expressed its appreciation to Leroy Gross and Richard Jennings for their many years of dedicated service to the Foundation.

A major focus of the meeting was the Foundation's future role in supporting aerospace medicine and human performance research. The Board began developing a strategic vision centered on humans operating in the extreme environments of aviation and space. This effort will include identifying important research gaps and areas in which Foundation support can have the greatest impact.

To advance this initiative, the Board established a Research Grant Subcommittee to develop the purpose, priorities, eligibility criteria, and structure of a potential AsMA Foundation Research Grant program. The goal is to support meaningful research, particularly focused on seed projects and early-career investigators in areas that may not receive sufficient support from traditional funding sources.

The Board also reviewed proposed updates to the Foundation's bylaws to reflect its incorporation and operations in Florida and to clarify Board nomination, election, vacancy, and electronic-meeting procedures.

TREASURER'S REPORT

FINANCIAL SUMMARY

The Foundation is in good financial health and continues to keep funds invested in a conservative manner in coordination with our financial consultants Mercer Advisors. The investment accounts were recently moved to Charles Schwab. The Foundation has assets totaling $1,207,957 representing a 15% increase from one year ago. Our donors continue to generously contribute to our 19 named funds that the Foundation manages, with a total of $71,894 in donations in the past calendar year.

Current Funds and What They Support

AsMA Foundation Fund	Organization	Award/Scholarship
Stanley R. Mohler Fund		Stanley Mohler Scholarship
Space Medicine Association Fund	Space Medicine Association	SMA International Scholarship
		SMA KBR Robert Ellis Resident & Post-Doctorate Scholarship
		SMA Jospeh P. Dervay Undergraduate Scholarship
Society of NASA Flight Surgeons Fund	Society of NASA Flight Surgeons	Society of NASA Flight Surgeons Scholarship

Walter and Sylvia Goldenrath Fund		Walter and Sylvia Goldenrath Award in Aerospace Physiology
Thomas and Margaret Tredici Fund		Thomas and Margaret Tredici Award
Philip J. Scarpa, Jr MD Endowed Scholarship Fund		Philip J. Scarpa, Jr MD Scholarship
Kris and Pamela Belland Fund	Unrestricted/Foundation Board of Directors	AMSRO Awards
Aerospace Nursing and Allied Health Professionals Society Fund	Aerospace Nursing and Allied Health Professionals Society	Louise Marshall Scholarship
		Eileen Hadbavny Scholarship
John B. Charles Fund	Space Medicine Association	SMA John B. Charles Research Scholarship
Jeffrey Myers Fund	Space Medicine Association	SMA Jeffrey Myers Young Investigators Award
Jeffrey P. Sutton Fund	Space Medicine Association	SMA Jeffrey P. Sutton Scientific Achievement Award
Jeffrey R. Davis and Kathryn A. Holland Fund	Space Medicine Association	Jeffrey R. Davis Medical & Graduate Education Endowed Scholarship
Philip J. Scarpa, Jr Fund	Space Medicine Association	SMA Training Scholarship
Mark and Betsy Campbell Fund	Space Surgery Association	Space Surgery Association Future Research Award
Jeffrey Jones/Peter Lee Fund	Space Surgery Association	SMA-SSA Cooperation Award
Anita Mantri PhD Memorial Fund	Aerospace Medicine Resident & Student Organization	Anita Mantri PhD Memorial Travel Scholarship
American Society of Aerospace Medicine Specialists Fund	American Society of Aerospace Medicine Specialists	Charles Berry Scholarship
Richard B. “Dick” and Peggy Trumbo Fund		Trumbo 5K Preventive Medicine Run/Walk
AsMA Foundation General Fund		AsMA International Scholarship & AsMA Fellows Scholarship
Richard and Issy Jennings Fund	Unrestricted/Foundation Board of Directors	
Mary F. Foley Fund	Aerospace Nursing and Allied Health Professionals Society	Annual Mary F. Foley Panel

AWARDS/SCHOLARSHIPS SUPPORTED BY THE ASMA FOUNDATION

AWARDEE	AMOUNT	FUND	SCHOLARSHIP/AWARD
Tyrone Jacobs, Jr	$1,000	AsMA Foundation General/Belland	AMSRO Trail Blazer Award
Isaac Ponder	$500	ASAMS	Charles Berry
Karolina Twardowska	$2,000	AsMA Foundation General Fund	AsMA Fellows Scholarship 1st Place

Thomas Diaz	$1,000	AsMA Foundation General Fund	AsMA Fellows Scholarship 2nd Place
Taylor Ranson	$1,000	Jeffrey R. Davis	SMA Jeffrey R. Davis Medical and Graduate Education Endowed Scholarship
Isabel Candir	$1,000	Philip J. Scarpa, Jr.	Philip J. Scarpa, Jr. Aerospace Medicine Scholarship
Not Awarded in 2026	$2,000	Goldenrath	Walter & Sylvia Goldenrath Award
Kadambari Suri	$1,000	Mantri/Belland	Anita Mantri Scholarship
Daniel Cox	$1,000	Mohler	Stanley Mohler Scholarship
Christine Rincon	$1,000	Aerospace Nursing & Allied Health Professionals Society	Louise Marshall Nursing Scholarship
Carmen Campa	$1,000	SMA	SMA International Scholarship
Zachery Campbell	$1,000	Philip J. Scarpa, Jr.	SMA Philip J. Scarpa, Jr. KSC Training Scholarship
Jessica Gamble	$1,000	John B. Charles Fund	SMA John B. Charles Research Scholarship
Lucas King	$1,000	SMA	SMA KBR Robert Ellis Resident & Post-Doctorate Scholarship
Cate Zeiger	$1,000	SMA	SMA Joseph P. Dervay Undergraduate Scholarship
Benjamin Fielder	$1,000	Jeffrey Jones/Lee Lee Fund	SMA-SSA Cooperation Award
Andrew Lam	$500	SNFS	Society of NASA Flight Surgeons Scholarship
Nikita Nair	$2,000	Mark & Betsy Campbell Fund	Space Surgery Association Future Researcher Award
Not Awarded in 2026	$1,250	Tredici	Thomas Tredici Award
Jessica Gamble	$1,000	Myers	SMA Jeffrey Myers Young Investigator Award 1st Place
Brandon Adams	$500	Myers	Jeffrey Myers Young Investigator Award 2nd Place
Stephanie Smith	$200	Myers	Jeffrey Myers Young Investigator Award 3rd Place
Chistina Liberatie	$100	Myers	Jeffrey Myers Young Investigator Award Honorable Mention

Operations and Governance

The Foundation is now incorporated and conducting business as a registered entity in Florida, co-located with the AsMA headquarters. Recently, the Foundation changed accountants due to the previous firm's inability to support the full range of required services, including the filing of annual 990s as a tax-exempt organization. The Foundation Board has voted to approve an audit, which is currently in progress.

Donor Information

The Foundation encourages individuals to consider becoming donors. Monthly donations can be easily established through the Foundation's website, asmafoundation.org. By selecting "Donate Now," donors may choose to make a one-time contribution or set up recurring donations, recurring donations are encouraged as you can "fire and forget," spread your generosity over the course of the year and the donations add up! Contributions can be unrestricted or directed to support a specific fund.

Kathy Hughes, Treasurer

SPECIAL ALTERNATE DONATION PATHWAYS

The AsMA Foundation appreciates the generous support we have received from AsMA membership and hope that certain giving strategies can benefit both those wanting to support our chosen field while also reducing their tax burden. The recently passed One Big Beautiful Bill Act (OBBBA) has several implications for those AsMA members considering charitable gifts. The legislation introduces a modest above-the-line charitable deduction for non-itemizers, but it limits the benefits of itemizing charitable gifts, which particularly impacts higher-income households.

For older AsMA members, Qualified Charitable Distributions (QCDs) continue to be an excellent strategy for those taxpayers who are subject to Required Minimum Distributions (RMDs), and in many cases the most tax efficient way to give.

In 2024, only about 8-10% of US tax filers used itemized deductions. Now the standard deduction is$16,100 for single filers or married filing separately. The standard deduction is $32,200 for joint filers and $24,150 for those filing as the Head of Household. These numbers are indexed for inflation. In addition, the OBBBA now allows Above-the-Line deductions of $1000 (single) or $2000 (married filing jointly) for charitable cash donations. These changes and other changes enacted by the OBBBA weaken the case for itemizing deductions, and for older retired individuals or those who must take required minimum deductions (RMDs), make the use of qualified charitable distributions (QCDs) very appealing.

New regulation limits the benefit of itemized deductions and includes changes that mean no deduction applies until charitable gifts exceed 0.5% of Adjusted Gross Income (AGI) and a new 35% deduction cap for high earners (a $10,000 donation yields just a $3,500 deduction). QCDs allow individuals aged 70.5 or older to transfer up to $111,000 (2026) directly from their IRA to a qualified charity, and if married with separate IRAs, the limit doubles. QCDs count toward one's RMD and are not included in taxable income. At the same time, one can support charitable activities in their area of interest. By reducing AGI, they may reduce tax liability and medical premiums.

Other advantages of QCDs are that they reduce the need to itemize tax deductions and offer benefit for those taking the standard deduction. There are many other ways for AsMA members to reduce tax load such as donating appreciated property or stock. The provisions of the new OBBBA are just being implemented, and it is critical to discuss one's individual situation with a trusted tax professional.

ANNOUNCEMENT OF ASMA FOUNDATION RESEARCH GRANT

The Aerospace Medical Association Foundation Research Grant will be awarded to a member of the Aerospace Medical Association who early in their career has demonstrated achievement, future potential, or interest in the area of Aerospace Medicine with an emphasis on research opportunities. The individual will submit an application to the AsMA Foundation Research Grant Committee and will be competitively chosen by the AsMA Foundation Research Grant Committee.

The AsMA Foundation Research Grant will be presented at the Annual Meeting of the Aerospace Medical Association and the recipient will be awarded $10,000.00 to be utilized as outlined in the recipient's, grant application.

Submit the application by email by April 1:

Mark R. Campbell, MD
420 Collegiate, #300
Paris, TX 75460
903-785-4499
Fax – 903-785-4717
markrcampbell1544@gmail.com

RICHARD B. "DICK" TRUMBO 5K PREVENTIVE MEDICINE FUN RUN/WALK

The 25th Annual Richard "Dick" Trumbo 5K Preventive Medicine Fun Run/Walk was scheduled for the morning of Tuesday, May 19, 2026 in Denver, Colorado. However, the Trumbo 5K Event was cancelled due to inclement weather.

The 25th Annual Richard "Dick" Trumbo 5K Preventive Medicine Fun Run/Walk is now scheduled for Tuesday, May 25, 2027. The Trumbo 5K event is being planned for a route on and around the Hilton Anatole Dallas Hotel. The Trumbo 5K event is supported by an endowed fund established by Peggy Trumbo and the friends and colleagues of Dr. Richard "Dick" Trumbo. UTMB Aerospace Medicine provided medical support and event shirts in the past.

There is a $15.00 fee to participate in the Richard "Dick" Trumbo 5K Preventive Medicine Fun Run/Walk to help offset the costs associated with the 5K event.

THE ASMA FOUNDATION THANKS OUR 2026 DONORS

The Foundation supports the field of aerospace medicine and the Aerospace Medical Association through the generosity of members and friends of AsMA. In 2026, our donors supported the Foundation and year to date donations are $71,894. We wish to thank the following individuals for helping the Foundation support the Association, aerospace medicine and the allied fields. The mission of the Foundation could not be possible without your generous support.

The Foundation thanks the following list of donors since October 2025:

Dragon Donors ($10,000+)	**Saturn V ($5,000+)**
Al Parmet	Jeffrey Davis
Kenneth Myers	Richard Jennings
	Quay Snyder
Titan ($2,500+)	
Kathryn Hughes	Peter Lee
Rohit Kesarwani	Vishakh Mantri
Atlas ($1,000+)	
George Anderson	Kris Belland
Walt Dalitsch	James Elliott
Foley Foundation	Susan Fondy
Frances Laue	Robert Laurent
Amanda Lippert	Jeffrey Sutton
George Taylor	James Vanderploeg

Redstone ($500+)		
Jennifer Benincasa	David Broadwell	Geoff McCarthy
Ian Mollen	Manoj Plaingam	Nereyda Sevilla
Philip Scarpa	Dan VanSyoc	
X-15 ($100+)		
Andrew Bellenkes	Fred Bonato	Tyson Brunstetter
Philip Buys	Edith Cardiff	Jeffrey Davis
Michelle Frieling	Jaime Harvey	Patrick McGinnis
Justin Nash	Robert Orford	Gerald Saboe

Mark Sheehan	Warren Silberman	Steve Vander Ark
Robert Weien		

The Foundation appreciates gifts of any amount, but we will specifically recognize our more generous donors through AsMA Foundation Orbit donor categories unless they prefer anonymity. While we make every effort to include each donor, if your name was inadvertently omitted from the lists or you are listed incorrectly, please let us know.

HERITAGE SOCIETY MEMBERS

The Foundation Heritage Society honors colleagues and friends who make a commitment to the Foundation by will, revocable living trust, life insurance, life-income gift, retirement account designation or a deferred gift arrangement. Qualifying commitments may be of any amount and may be directed to support existing programs and endowments, qualified new programs of the donor's choice, or may be undesignated. If others meet these criteria, please notify Dr. Mark Campbell or any of the Board members.

Charles Billings*
Genie Bopp
David K. Broadwell
Jeffrey R. Davis
Walter and Sylvia Goldenrath*
Richard and Issy Jennings
Shuba and Vish Mantri
Al Parmet
Quay Snyder
Jim and Sandy Vanderploeg

*deceased

ANAHPS ANNOUNCES THE MARY F FOLEY ENDOWMENT SIXTH ANNUAL EVENT ON LEADERSHIP IN AEROSPACE MEDICINE



The Mary F Foley Endowment was established in her honor to perpetuate her legacy and to encourage other women to follow in her footsteps. The AsMA Foundation recognizes the continuous growth of the Mary F Foley Endowment fund which has reached $20,000. Monies are used to support educational events and outreach activities on social media platforms, podcasts, and webinars to increase visibility and attract new members to fortify AsMA and the ANAHPS constituent organization. Emphasis is given to topics of interest and initiatives that support the development of interdisciplinary teams with skill sets that serve the future needs of traditional aerospace medicine and emerging commercial space travel.

Contributions and investments to assist in these efforts to recognize women and to facilitate leadership development is greatly appreciated. If you wish to support these initiatives, please contribute to the Mary F Foley Endowment fund. Many thanks to all who have already contributed.

WINNERS ANNOUNCED FOR THE 2025 AWARDS SPONSORED BY ASMA FOUNDATION ENDOWED FUNDS

AsMA Fellows Scholarships

The AsMA Fellows Scholarship Committee is pleased to announce their selection of the 2025 scholarship winners.



Dr. Karolina Twardowska

The 1st Place Winner was Dr. Karolina Twardowska for her presentation and published manuscript on "Cardiovascular Effects of Hypercapnia During Lower Body Negative Pressure and Head-Up Tilt".

Dr. Thomas Diaz

The 2nd Place Winner was Dr. Thomas Diaz for his presentation and manuscript on "Magnesium Alterations in Human Spaceflight".



The AsMA Fellows Scholarship is funded by the AsMA Foundation and is presented annually to two AsMA members who are students in an aerospace medicine residency program, graduate program in aerospace medicine (Master's or Ph.D.), medical certificate or aerospace diploma course, or in a full-time education/training program in the allied fields of nursing, physiology, human factors, psychology, ergonomics, and engineering.

Selection criteria include delivering a slide or poster presentation as a first author at the AsMA Annual Scientific Meeting and then submitting a manuscript as first author for publication in AsMA's Aerospace Medicine & Human Performance (AMHP) Journal based on the same topic and/or material covered in the slide or poster presentation.

The 1st and 2nd Place Winners are selected by the AsMA Fellows Scholarship Committee based on the highest scientific value, originality, quality and relevance of the applicant's presentation and AMHP manuscript related to the field of aerospace medicine (including allied scientific disciplines). Special consideration is given to those applicants who are at an early stage in their career development.

Melchor Antunano, M.D., M.S., Chair, Fellows Scholarship Committee

ANITA MANTRI, Ph.D., MEMORIAL TRAVEL SCHOLARSHIP – Kadambari Suri



Kadambari Suri is a fourth-year medical student at the Texas A&M University Naresh K. Vashisht College of Medicine. She earned a bachelor's degree in mechanical engineering from Cornell University. She also completed a master's in aerospace engineering with a focus on Bioastronautics from the University of Colorado Boulder. Before medical school, she worked at NASA's Johnson Space Center on the Human Health and Performance Contract. There, she contributed to projects such as the flight demonstration of the Butterfly iQ ultrasound, the Exploration Extravehicular Mobility Unit, and the Exploration Atmosphere tests. These experiences and her medical training inspired her to bridge the worlds of medicine and space. She also aims to advance women's health. At Texas A&M, she led the development of the first student-led family planning and reproductive health course in a state with restrictive laws. She also works to close gaps in women's health in space medicine. This June, she will be beginning her residency in Obstetrics & Gynecology at the University of California in Irvine. As an aspiring Ob/Gyn, she is committed to elevating the female perspective in underrepresented arenas, on Earth and beyond.

Kadambari is a member of the Society for Reproductive Investigation, the Society of Gynecology Oncology, ACOG, FIGO, the Space Medicine Association, the Aerospace Medicine Student and Resident Organization (AMSRO), and the Aerospace Medical Association. Her awards include KBR/NASA's FY20 and FY21 One KBR Awards, FY20 and FY21 HHPC Bravo Awards, and the JSC Director Award. She has been a lead author or co-author on 3 publications and over 15 presentations.

STANLEY R. MOHLER, MD, AEROSPACE MEDICINE ENDOWED SCHOLARSHIP – Dr. Daniel Cox



Daniel Cox is originally from Lanesville, IN, United States. He attended Indiana University in Bloomington for his undergraduate degree in biochemistry. He then obtained his M.D. and a Master of Engineering degree from Duke University. While at Duke, he worked with Dr. Richard Moon in the Duke Center for Hyperbaric Medicine and Environmental Physiology and with Dr. Daniel Buckland on delivering rescue medications via drone. In addition, he helped create several medical devices. He completed his Emergency Medicine residency this past year and is now a first year RAM at the University of Texas Medical Branch. His current research focuses on mitigating thermal stress for the upcoming Artemis EVAs. Dr. Cox is a member of the Emergency Medicine Residents' Association, American College of Emergency Physicians, Aerospace Medicine Student and Resident Organization, and the Aerospace Medical Association (AsMA). He is also a Major in the U.S. Civil Air Patrol, an Advocacy Ambassador for the National Marrow Donor Program, and an Instructor for the Stop the Bleed program. His awards include

Resident Clinician of the Year, Civil Air Patrol National Ground Team of the Year, Resident Achievement Award, the Jeffrey R. Davis, M.D., Aerospace Medicine Endowed Scholarship from AsMA, National Volunteer of the Year from the National Marrow Donor Program, and a Proclamation from the State of Ohio for service.

PHILIP J. SCARA, Jr. AEROSPACE MEDICINE ENDOWED SCHOLARSHIP – Isabel Candir



Isabel Candir is a final-year medical student at the University of Leeds. She is entering the Academic Foundation Programme and Officer Cadet role within the RAF's University Air Squadron. She is combining elements of widening participation in higher education with RAF UAS hands-on training and research into human performance and physiological adaptation in aviation and space environments. Isabel is also the founder of Leeds Access to Medicine, currently one of the largest student-led widening participation initiatives in the country, which works with hundreds of potential students each year through mentoring and school partnerships. She is making a broader impact by appearing on BBC Radio Leeds and contributing to reviews of university policy on placement accessibility, bursaries for travelling to placements, and equal access to clinical training for students.

Isabel is currently working to create scientific posters on re-search into gender-specific issues in space and extreme physiology and to establish initial research links in HEMS, polar, and aerospace medicine. She is combining hands-on experience through RAF UAS, academic development through AFP, and her commitment to dismantling barriers in medicine while advancing evidence-based knowledge of human performance in extreme environments.



SPACE MEDICINE ASSOCIATION JEFFREY R. DAVIS MEDICAL AND GRADUATE EDUCATION ENDOWED SCHOLARSHIP – Taylor Ranson

Taylor received her BS and MS in Premedical Biology and Microbiology at Texas State University. She is working on her PhD in Molecular and Cell Biology from Arizona State University and has authored research in both "Spaceflight Induced Biofilm Formation" and "Lunar Regolith Stimulation in Biofilm Formation."



SPACE MEDICINE ASSOCIATION JOHN B. CHARLES ENDOWED SCHOLARSHIP – Dr. Jessica Gamble

Jessica obtained her MD from the University of Bristol and also has certification as a Psychotherapist. She is currently an RAF cadet. She has extensive experience as a commercial diver, diving instructor and as a hyperbaric chamber supervisor. Interestingly, she was employed as a diver/stuntman in several movies.



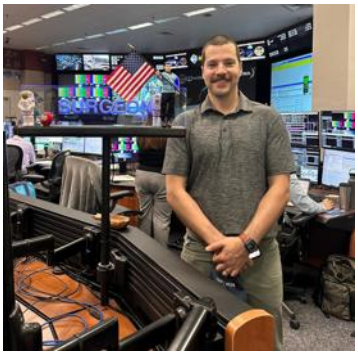
SPACE MEDICINE ASSOCIATION JOE DERVAY UNDERGRADUATE SCHOLARSHIP – Cate Zeiger

Cate is an undergraduate in Earth Sciences at the University of Washington. She is interested in and has exposed herself in her studies to both Aerospace Medicine and Hyperbaric Medicine and is planning on obtaining an MD/PhD.



SPACE MEDICINE ASSOCIATION INTERNATIONAL SCHOLARSHIP – Dr. Carmen Campa

Carmen received her MD from the University de Navarro in Spain and her PhD at the University de Madrid in Spain. She did a residency in Family Medicine. Interestingly, she has provided medical care in the remote regions of the Amazon. She has concentrated her studies on the Psychology of remote isolation situations.



SPACE MEDICINE ASSOCIATION RESIDENT & POST-DOCTORATE SCHOLARSHIP SPONSORED BY KBR IN HONOR OF ROBERT ELLIS – Dr. Lucas King

Lucas received his BA from the University of Regina and his MBA and MD from the University of Saskatchewan where he is currently a Family Medicine Resident. He is also a Medical Officer in the RCAF. He has concentrated his studies and research on AI in medical care.



SPACE MEDICINE ASSOCIATION JEFF MYERS YOUNG INVESTIGATORS AWARD – Dr. Jessica Gamble

Jessica obtained her MD from the University of Bristol and also has certification as a Psychotherapist. She is currently an RAF cadet. She has extensive experience as a commercial diver, diving instructor and as a hyperbaric chamber supervisor. Interestingly, she was employed as a diver/stuntman in several movies.



AEROSPACE MEDICAL ASSOCIATION INTERNATIONAL SCHOLARSHIP – Dr. Mark Biernacki

Dr. Mark Biernacki is a Canadian physician, engineer, and pilot whose career bridges rural medicine, anesthesia, critical care, and advanced aviation operations. He is pursuing specialized training at the University of Toronto through the Mark Pathy Fellowship in Aerospace Medicine. He completed a Bachelor of Aeronautical Engineering and a Masters of Applied Science at the Royal Military College of Canada. His service as a Captain and pilot in the Canadian Armed Forces, combined with experience flying fast-jet, helicopter, and multi-engine aircraft, laid the foundation for his work in Aerospace Medicine.

Dr. Biernacki holds an Airline Transport Pilot License, a Commercial Pilot License - Helicopter, and has experience in aerobatic instruction and flight-testing. He is designated as an Aeromedical Examiner by both Transport Canada and the U.S. Federal Aviation Administration. He pilots himself into remote regions of Canada to practice medicine, integrating aviation to deliver care in challenging environments. In the private sector, he serves as a Medical Lead in the technology and innovation space. He supports physicians in virtual care delivery, development of clinical decision-making tools, and government-private partnerships. His long-term goal is to contribute to operational space medicine by advancing the human-system in spaceflight through interdisciplinary collaboration.



JEFFREY R. DAVIS, MD AEROSPACE MEDICINE ENDOWED SCHOLARSHIP – Dr. Patrizia Borzi

Patrizia Borzi, M.D., graduated from the University of Milan, International Medical School, and subsequently relocated to Switzerland, where she gained further clinical experience, developing a multidisciplinary background that combines international clinical training with hands-on operational exposure. She has also pursued operational training as both a recreational and technical diver and as a pilot in training, gaining direct exposure to the physiological and cognitive demands associated with high-risk and performance-critical settings. Additionally, she has also undertaken training in motorsport medicine in collaboration with the Fédération Internationale de l'Automobile (FIA).

Dr. Borzi's training in aerospace medicine includes the Principles of Aviation and Space Medicine course at the University of Texas Medical Branch (UTMB), as well as the basic Aviation Medical Examiner (AME) course through the Italian Air Force. She also completed NASA's Training on Open Science (TOPS). She was recently selected for the European Space Agency's Space Physician Training Course (SPTC 2026) at the European Astronaut Centre. In parallel, she is currently completing the Science, Technology and Innovation (STI) Policy and Practice course offered by the United Nations Conference on Trade and Development. She is an active member of the Aerospace Medical Association (AsMA), the Space Generation Advisory Council (SGAC), and the Swiss Society of Aviation Medicine. Additionally, she contributes to several international collaborations in aerospace medicine, including scoping reviews on healthcare in commercial spaceflight.

SUPPORTING THE ASMA FOUNDATION

The AsMA Foundation supports aerospace medicine, the allied fields, and the Association through scholarships, awards, research grants, scientific publications, professional development, educational opportunities, and other activities. With the help of recent donations and gifts transferred from the annual meeting registration process, the funds of the constituent organizations, endowments, and Foundation now total $$1,207,957. The Foundation and its mission continue to be dependent upon generous donations from AsMA members and friends. We thank all the donors and supporters of the Association and the Foundation whose contributions continue to make a difference in aerospace medicine and the allied fields. We thank all our donors and encourage those who have not contributed to help the Foundation reach its next goal.

While the Foundation's unencumbered funds are limited, there has been considerable effort to find specific activities and projects that the Foundation can support for the Association. Please consider donating to help us accomplish this goal and continue our ongoing programs. However, it is also possible to designate Foundation gifts to existing Foundation endowed funds or constituent organization funds held in the Foundation's pooled investment fund.

It is also now possible to donate cash gifts through the Foundation's website noted below. Gifts may include the donation of securities, bequests, life insurance, savings bonds, retirement plan assets, or real estate. Many of these methods can limit tax liability, but it is prudent to consult a tax advisor. Donating stocks or securities directly to the Foundation is easy and requires no more than emailing the Board Treasurer for simple transfer instructions treas@asmafoundation.org).

For more Foundation information, visit the Foundation website at: https://asmafoundation.org. As you consider your next contribution, keep in mind that donations can be made through:

- Credit Card donations
- Donations can be made by pushing the Donate Now button on the Foundations web page – https://asmafoundation.org
- Donations through PayPal
- Donations of stocks and securities
- Donations of Charitable Gift Distributions
- Donations by check using the form below
- AsMA members should also consider joining the Heritage society and include the Foundation in their estate planning or by designating future gifts

CONTACTING THE FOUNDATION

AEROSPACE MEDICAL ASSOCIATION FOUNDATION
631 US HIGHWAY 1, SUITE 307
NORTH PALM BEACH, FL 33408

Life's most persistent and urgent question is, 'What are you doing for others?'

Martin Luther King, Jr.

Thank You for Supporting the AsMA Foundation

Donation Amount: _____

Purpose of donation? _____

Name: _____

Payment:

Address:_____

- My check payable to the AsMA Foundation is enclosed
- Please Charge my credit/debit card

Card Number _____

_____

Exp Date_____

Name on Card_____

_____

CVC Code (3 numbers on back)_____

Mail to: AsMA Foundation
631 US Highway 1, Suite 307
North Palm Beach, FL 33408

Signature: _____

email: _____