

President's Page

The Pathway to Fellowship

How does one become a Fellow in this Association? One of the key issues that surfaced in the membership survey we recently conducted was that although members were 90% satisfied, how one advances in the Association was unclear to many members. Although advancement may mean different things to different members, for the sake of this message, I will focus on the pursuit of Fellowship.

According to Association guidelines, a clear path of advancement to Fellowship is generally based on participation in Association activities, attending annual scientific meetings, showing leadership, and commitment to AsMA. The pathway to Fellowship is a joint responsibility between the individual and the leadership of the Association.

For new members, we encourage you to find a mentor, someone who can guide you in this process. Members join AsMA for a reason. As you pursue your personal goals you also begin a 5-year journey to Associate Fellowship. Early in your 5-year cycle, you want to become familiar with the committee structure and how AsMA conducts its business. Join a committee or two that best align you with your career goals. It is here that you create a sense of community, the theme of Bob Weien, M.D., AsMA's most recent past president.

Plan to attend all annual scientific meetings. Big decisions are made at big events. It is here that you will solidify your commitment to AsMA. The annual meeting is a great place to network, and a place to create lasting fellowship. It is here that you will present scientific papers in your area of specialty. It is your chance to cultivate leadership, establish your visibility, chair committees, attend Council meetings, and gain recognition. You are on your way to Associate Fellowship.

Members who are interested in advancement in the Association and in their own career development need to be Associate Fellows. The Associate Fellows Group (AFG) is a dynamic, cohesive, and well-designed organization within AsMA that has its own unique culture. It's through the AFG that you will learn how to pursue Fellowship. "We have worked hard over time to enhance the usefulness of the AFG to the membership," says Charles Fisher, M.D., past Chair of the AFG. It is through the AFG that award winners emerge. For example, I want to congratulate LCDR Anthony Artino, Jr., winner of the 2010 annual Ellingston Award for being the first author on the most outstanding article in the *Aviation, Space, and Environmental Medicine* journal of ASEM written by an Associate Fellow.

"As an Associate Fellow you are only an introduction away from a rewarding future with life-long friendships," says Christopher Borchardt, M.D., a past secretary for the AFG. "So, take a moment at an annual meeting," says Chris, "and introduce yourself to a lifetime of opportunity. Get a copy of the Associate Fellow application and familiarize yourself with the criteria for qualification. Actively participating as an Associate Fellow connected me with a network of like-minded individuals that has endured over a decade and benefitted all of us alike."

"It is through the AFG that members learn and receive guidance on how to sponsor scientific panels, serve as panel chairs, or present scientific papers," says Janet Sanner, AFG



Marian B. Sides, Ph.D.

Program Chair for 2010-2011.

So, now you ask, how do I become a Fellow? Well, not to sound like a broken record, but you first become an Associate Fellow. Within the AFG you will receive mentorship on the pathway to Fellowship. It's that simple.

The AFG publishes a newsletter annually with valuable information and guidance on how to get on track to Fellowship. It publishes the scoring point system that tracks your activities and outlines the categories of participation, including time in aerospace medicine, education and training, publications and presentations, and other association activities, that can earn points towards consideration for Fellow.

Associate Fellows are encouraged to meet the Fellows and Fellows are encouraged to reach out to the Associate Fellows to strengthen reciprocal relationships. George Anderson, M.D., Chair of the Fellows Group, Genie Bopp, Chair of the AFG, and the membership are eagerly anticipating the first joint Associate Fellows/Fellows reception at the annual meeting in Anchorage. The intent of the reception is to recruit new Associate Fellows, explain the benefits of membership and leadership in AsMA, expand AFG participation in AsMA activities, and get to know the AsMA Fellows. The reception is open to all members and we hope to see you there. Be sure to register and reserve your tickets for the reception.

Nominations for Fellow are drawn from the AFG, beginning in August each year. Associate Fellows are encouraged to take initiative for their own advancement within AsMA. Another way to get nominated is to ask a Fellow to submit your name for nomination. The Fellows Group will in turn, contact you for further information.

How do I know I'm ready to be a Fellow? The point system will be a gauge. But, there is a saying, and it goes something like, "Make your move before you're ready." Don't get bogged down in getting ready. You can make a career out of laying the groundwork to do something really big. If you follow the path I described in this message, and open yourself up to the resources that are available, you will discover that the power of the group will bring valuable strength to your own hand. Take the Quantum Leap. The time to start is now!

"One can be a Brother only in something. Where there is no tie that binds men, men are not united, but merely lined up."
Antoine De Saint-Exupery, French Aviator, Writer, 1900-1944

Association News

Executive Director's Column

Paper or Electrons?

AsMA membership offers a number of benefits, including access to our monthly peer-reviewed journal *Aviation, Space, and Environmental Medicine*. All membership categories except Emeritus and Student members are provided a hardcopy of the journal and online access to the electronic journal every month. Emeritus and Student members are provided online access to the electronic journal but must purchase an individual subscription through the AsMA Membership Department to receive a hardcopy of the journal.

With the explosion of digital publication, many AsMA members have become very comfortable receiving all of their professional publications in electronic format and prefer to read those publications on their digital devices. Others still prefer to have that paper copy in their hands and prefer to read their professional publications from paper. Considering these differences, the AsMA Council discussed the best way to meet our members' reading preferences. The Council approved a process that would offer members four important capabilities:

1. Offer members flexibility in receiving the Association journal,
2. Reduce postage costs for the Association,
3. Reduce production costs of the Association journal, and
4. Provide members a green option for receiving the Association journal.

We recently completed modification of the Association database to facilitate this new function. To access the "Mailing Lists" function on your Member Profile page, members should do the following:

1. Go to www.asma.org
2. Select the "Members Login" from the menu on the left side of the AsMA Home Page
3. Log into the Member Home page with your Username and Password
4. Select the "View or Change My Info" link – you will be taken to your Member Profile page
5. Find the "Mailing Lists" function immediately after the address sections

All members will have the "ONLINE ACCESS TO JOURNAL" option showing and the box will be checked. All membership categories have access to the Online Journal and members cannot opt out of the online journal.

All membership categories, except Emeritus and Student members, will also have the "HARDCOPY JOURNAL" option showing and the box will be checked. If you prefer not to receive the HARDCOPY JOURNAL, simply uncheck the box and our database will be updated to reflect your decision to opt out of the HARDCOPY JOURNAL.

Should you choose to opt out of the HARDCOPY JOURNAL and then change your mind, simply log back into your Member Profile page and check the box again. Our

database will reflect that change and add you back to the mailing list for the HARDCOPY JOURNAL.

Student and Emeritus members wishing to receive the HARDCOPY JOURNAL must purchase an individual subscription. Please contact the Membership Department at (703) 739-2240 extension 106 or 107, gcarter@asma.org or skildall@asma.org, to purchase an individual subscription to the HARDCOPY JOURNAL.

That's it! You now have control of your HARDCOPY JOURNAL mailing. If you prefer to have the paper journal stopped because you always access the electronic journal online, you can opt out of the paper journal mailing. If you want to continue receiving the paper journal, simply do nothing.

[And as long as you are logging in to your member profile, why not check to be sure your information is up to date?]

Associate Fellows Breakfast Tuesday, May 10th at 7:00 a.m.

With over 90 new members this year alone, the Associate Fellows plan to make this an exciting meeting. Our breakfast will feature speakers who will discuss importance of AsMA membership and details on committee participation. Service awards and the Ellingson award will also be presented. Come to breakfast and learn what being an Associate Fellow means at AsMA!

Associate Fellows and Fellows Reception Tuesday, May 10, 5:30 p.m. Open to all!

Please sign up to attend the newest reception of the meeting sponsored by Wyle.

The combined Fellows and Associate Fellow reception on Tuesday night will be a great opportunity for the members to meet and to get to know one another. Good food and a drink will be provided. All attendees will receive raffle tickets for a chance to have their AsMA dues paid or to receive a AFG logo shirt. Fred Bonato and Will Simmons will be there to share information on how to get your work published in the Journal and become eligible for the AFG Ellingson award. Associate Fellows can learn how to become more involved in the organization and perhaps be mentored by an AsMA Fellow. Associate Fellows who attend the reception will have their AFG dues for 2011 waived

Even if you are not an Associate Fellow, you are welcome to attend to learn more. We look forward to seeing you!

ETC Makes Generous Gift to AsMA Foundation

Environmental Tectonics Corporation (ETC) recently donated a \$5000 unrestricted gift to the AsMA Foundation. ETC has been a long-term supporter of AsMA, and the Foundation appreciates their gift that will support Aerospace Medicine research, education, and training—particularly for those early in their careers. It is especially satisfying for the Foundation to receive a grant from Environmental Tectonics Corporation since ETC and the NASTAR Center are the U.S. leaders in aerospace training, simulation, and the production of aerospace training, operations, and research hardware.

Fellows Scholarship Award Presented to Marie Hanson

The Fellows of the Aerospace Medical Association have presented the second \$1500 Fellows Scholarship Award to Dr. Andrea

Marie Hanson of Seattle, WA. She was selected winner by the Scholarship Committee based on the high scientific value, originality, quality and relevance of her presentation. She presented "Miniaturized Sensors to Monitor Simulated Lunar Locomotion" at the AsMA Annual

Scientific Meeting and subsequently submitted a manuscript of this work to *Aviation, Space and Environmental Medicine*.

The AsMA Fellows Scholarship is funded by the AsMA Foundation and presented annually to an AsMA member who is a student in an aerospace medicine residency program, graduate program in aerospace medicine (Master 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 to *Aviation, Space, and Environmental Medicine* based on the same topic and/or material covered in the slide or poster presentation.

Donate to the Foundation

The AsMA Foundation supports the field of Aerospace Medicine through financing educational & scientific programs, providing scholarships, supporting grants for research, etc. Please visit the Foundation page on the AsMA website: www.asma.org. Send checks to: AsMA Foundation, 700 Gemini St., Suite 110, Houston, TX 77058. Donations are tax deductible.



European School of Aviation Medicine

Training Courses 2011/2012 for JAA/FAA Aero Medical Examiners

AME class 2
Basic course 21 3–11 September 2011

AME class 1
Advanced course 21 3–11 December 2011

**Aviation Medicine/
Travel Medicine**
Diploma course 21 17 – 25 March 2012

Venue: Lufthansa Aeromedical Center,
Frankfurt Airport.

Application forms and further details under
www.flugmed.org or www.eusam.org.

Upcoming FAA AME Seminars:

May 9-12, 2011	Anchorage, AK	AsMA ‡
June 13-17, 2011	Oklahoma City, OK	Basic *
Oct. 31-Nov. 4, 2011	Oklahoma City, OK	Basic *
Nov. 18-20, 2011	Portland, OR	N/NP/P †

Please note: The only FAA seminar AsMA takes registrations for is the one held in conjunction with our annual meeting in May. For all others, please see below.

N/NP/P = Neurology/Neuropsychology/Psychiatry

O/O/E = Ophthalmology/Otolaryngology/Endocrinology

* A 4-1/2 day AME seminar focused on preparing physicians to be designated as Aviation Medical Examiners. To sign up or for more information, contact your Regional Flight Surgeon.

† A 2-1/2 day AME theme seminar consisting of 12 hours of AME specific subjects plus 8 hours of subjects related to a designated theme. Registration must be made through the Oklahoma City AME Program staff. Please call (405) 954-4831 or (405) 954-4830.

‡ A 3-1/2 day AME seminar held in conjunction with AsMA's Annual Scientific Meeting. Registration must be made through AsMA. To register or for more information, call 703-739-2240 x 106 or 107. AsMA charges a registration fee to cover their overhead costs. Registrants have full access to the AsMA meeting. CME credit for the FAA seminars is free.

For more information, you can visit the FAA's site at: www.faa.gov/other_visit/aviation_industry/designees_delegations/designee_types/ame/seminar_schedule/



TEXAS

44th UHMS Annual Scientific Meeting



June 15-18, 2011

Undersea & Hyperbaric Medical Society
Office of Naval Research
NAVSEA

www.uhms.org



Invitation to All AsMA Members To Attend ICASM 2011

By Silvio Finkelstein, M.D.

The 59th International Congress of Aviation and Space Medicine (ICASM) Will Take Place in Bucharest, Romania, September 11-15, 2011

Dear Colleagues:

The beautiful city of Bucharest, capital of Romania (the Paris of Eastern Europe, as it has been called) will host the Congress which is being organized by the 90-year-old Institute of Aviation and Space Medicine under the Sponsorship of the International Academy of Aviation and Space Medicine (IAASM).

Our Romanian colleagues are working hard in the organization of the event in close cooperation with different bodies and officers of the Academy.

The results of work carried over the last years behind the scenes by the Organizing Committee under the general direction of Professor Marian Macri are now surfacing. The Organizing Committee is working hard to offer an outstanding Congress in the beautiful city of Bucharest. The main goal of the International Congress of Aviation and Space Medicine is to provide a forum for aerospace medicine and related field specialists to present the results of their work. So it is hoped that many abstracts will be submitted. **The deadline for abstract submission is June 15, 2011.**

However, to complete the Scientific Program I am pleased to share with you some of the salient points we have in mind as proposals for the ICASM 2011:

Major General Dumitru Prunariu, the Romanian Cosmonaut who flew the Soyuz 30 years ago will be the keynote speaker (for those not familiar with Academy Congresses, the Allard lecture to be given by General Prunariu during opening day is equivalent to the Bauer lecture of AsMA).

Since 2011 marks the 10th anniversary of the 9/11 events, the Organizing Committee considered appropriate to have a Session dealing with Global Health Security, including bioterrorism. For that we have secured the participation of a former director of Homeland Security of a State.

Now that, according to the World Health Organization, we are in the post-pandemic period, an update on Preparedness planning for pandemics is being considered for presentation.

A session on "Contemporary issues in aviation medicine" encompassing civilian, military, and commercial space travel aspects is also being considered.

A presentation is planned on the aeromedical aspects of volcanic clouds. Additionally, we are contacting international experts to provide us with an update on the medical implications of Aviation and Climate change. And to close the program on a high note, we are proposing to the Scientific Committee of the Academy a Session dealing with a very specific and relevant topic.

The Congress web page: <http://www.icasm2011.ro/online/> is already operational. You will find all relevant information there.

Best regards and thanks, looking forward to seeing many of you in Alaska and Bucharest.

Space Medicine Association Luncheon Speaker

The Space Medicine Association Luncheon Speaker in Anchorage will be Dr. Jon Clark. He will be speaking on the topic: "Medical Support For A Manned Stratospheric Balloon Freefall Parachute Flight Test Program."

Dr. Clark is a highly sought after consultant in civilian spaceflight and extreme environment life support and risk assessment. He has extensive experience from his time serving the space program at NASA as an Aerospace Medicine Specialist and also extensive experience from his military background in the U.S. Navy. He serves as the Space Medicine liaison at the National Space Biomedical Research Institute at Baylor College of Medicine, has held many positions in the Aerospace Medical Association, and is a past president of the Space Medicine Association. He has published extensively and is a dynamic speaker with an encyclopedic fund of knowledge.

AsMA Corporate Members Thanks for your support!

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Psoria-Shield, Inc.

South African Airways

Spectrum Aeromed

Sperian Protection Optical, Inc.

United Airlines

Universities Space Research Association

Verathon Medical Corporation

Virtual Flight Surgeons, Inc.

Wyle

MEETINGS CALENDAR

April 11-15, 2011; International Academy of Astronautics, 18th Humans In Space Symposium. "Integration and Cooperation in the Next Golden Age of Human Space Flight," Westin Galleria, Houston, Texas. Info: www.dsls.usra.edu/meetings/IAA/.

May 2-5, 2011; 16th International Symposium on Aviation Psychology; Dayton, OH. Wright State University, Dayton, OH. Info: www.wright.edu/isap

May 8-12, 2011; 82nd AsMA Annual Scientific Meeting; Anchorage, AK. Denai'na Convention Center. Info: www.lasma.org

June 15-18, 2011; 44th UHMS Annual Scientific Meeting; Fort Worth TX. Renaissance Worthington. Info: www.uhms.org

September 11-15, 2011; International Congress of Aviation and Space Medicine; Bucharest, Romania. Info: www.iaasm.org/congresses.cfm

October 6-8, 2011; CAMA Annual Scientific Meeting; Tucson, AZ. Info: david.millett@yahoo.com

Oct 17-19, 2011. 2011; Air Medical Transport Conference; St. Louis, MO. Association of Air Medical Services Info: www.aams.org

Future AsMA Meetings

May 8-12, 2011
Denai'na Convention Center
Anchorage, AK

May 13-17, 2012
Atlanta Hilton
Atlanta, GA

May 12-16, 2013
Chicago Sheraton
Chicago, IL

May 11-15, 2014
San Diego Hilton
San Diego

May 10-14, 2015
Walt Disney World Swan and
Dolphin Hotel
Lake Buena Vista, FL

CAMA Annual Scientific Meeting Tucson, Arizona October 6-8, 2011

"Cognition, Sleep Disorders and Fatigue in Aviation: A Comprehensive View"
Superb Faculty
AME Seminar Credit
Inquiries welcome:
david.millett@yahoo.com

AsPS Smith Ames Lecture

The Aerospace Physiology Society is pleased to introduce Jay Dean, Ph.D., as the speaker for the Annual Smith Ames Lecture. Dr. Dean is one of the world's leading experts in hyperbaric neurophysiology and is professor of Molecular Pharmacology and Physiology at the University of South Florida. He was formerly the Brage Golding Distinguished Professor of Research at Wright State University. His current laboratory houses five different styles of pressure chambers, which mimic the environmental

conditions challenging divers who breathe pure oxygen under high barometric (hyperbaric) pressure.

Dr. Dean has written a book on the physiology of high altitude flight during World War II, titled 'Aviator versus the Environment: Learning to Protect the Health of the High Altitude Aviator During WWII'. During his lecture he will provide insight on his impressive collection of historical documents, books, films, and other artifacts detailing the history of hypobaric and hyperbaric medicine and high-altitude flight. Dr. Dean became interested in the history of aviation medicine while working on his doctorate in physiology at The Ohio State University. His interest was further stimulated by 15 years of living and working near Ohio's Wright-Patterson Air Force Base, which served as a military epicenter for the aviation medicine during WWII. Check with the AsPS information table for more information and get your lunch reservation early!

Membership with AsPS

The campaign to gather new members interested in Aerospace and Operational Physiology is on! If you are currently working in the area of operational physiology, applied physiology, or have a general interest in networking with a group of professionals with like interest, please check with the AsPS information table. You will discover that the Aerospace Physiology Society hosts a variety of annual social and professional events, including a series of annual awards that recognize outstanding contributions to the field of aerospace physiology. Advance your professional standing with the outstanding group of Aerospace and Operational Physiologists that form AsPS!

Aerospace Physiology Luncheon Wednesday, May 11

Smith Ames Lecture: "The History of Aviation Medicine in the USAAF During WWII" given by **Jay Dean, Ph.D.**, Dept. of Molecular Pharmacology and Physiology, Director, USF Hyperbaric Biomedical Research Laboratory, Univ. of South Florida. Dean is a neurophysiologist with a terrific collection of historical documents and experience in presenting the topic.

AsPS Education and Training Panel, Tuesday, 2:00 p.m.
"Operating in the Visual Environment"

AsPS Social --Wednesday evening, May 11, at Chilkoot Charlie's

Tickets available at the AsPS table.

JOIN AsPS TODAY!

Take advantage of the outstanding network potential, take part in forums for experts in diverse professional fields; and take the opportunity to recognize scientific achievement in the field of aerospace physiology. Membership is only \$10. For more information, please contact: **Lt. Col. Andy Woodrow**
hfprof@mac.com

Members: Visit the Website at www.asma.org!

Did you know about these benefits?

- Find out about the annual meeting, FAA seminars, and other events on the Meeting Page:
www.asma.org/meeting/index.php.
 - Want to donate to the Foundation? Read about its purpose on its very own page: www.asma.org/asma_foundation/foundation-index.php.
 - Looking for a past article? Members can log into the Members Only page and have access to both the archives and the online journal at no extra charge.
 - Looking for a new position? Access the Job Fair and see what's available.
 - Are you a student looking for scholarships? They're listed on the Careers page (www.asma.org/aboutasma/careers.php) at the top of the page.
 - Want to know what AsMA policies are? Access the Policy Compendium, the Bylaws, and the Policy Procedures manual on the About AsMA page under Down-loadable Materials (www.asma.org/aboutasma/index.php).
- There's much more, including presentations from the 2010 meeting, so visit the website now and see what's there!

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AWARD SUBMISSION DEADLINE: April 4, 2011!

Award nominations for the three AsPS annual awards are due on April 4:

The **Paul Bert Award**, recognizes outstanding research contributions in aerospace physiology.

The **Fred A. Hitchcock Award** recognizes career contributions of senior aerospace physiologists for excellence in either operational aerospace physiology or aerospace physiology research.

The **Wiley Post Award** recognizes outstanding contributions in direct operational physiology and aeromedical training and education.

Use the format from the standard AsMA Awards form. The nomination should include:

- 1.) A citation of 80 words or less,
- 2.) A bulletized list of significant accomplishments of less than 300 words,
- 3.) A one page professional biography of the nominee, and
- 4.) A portrait photograph of the nominee.

Standard award forms may be requested from AsMA home office, or obtained by contacting the Award Chair via email. Digital email submission of the award package is preferred. MS-Word for documents and TIF or JPEG files for graphics are the preferred file formats. Hard copy nominations will be accepted by mail. Nominations should specify the time interval over which the nominee's contributions were made.

Society and Association members are strongly encouraged to nominate and recognize outstanding contributions by professionals within the aviation scientific community. Nominations may be submitted by anyone, regardless of AsMA or AsPS membership. Chain of command endorsements are not required for military nominations, but may be considered by the committee.

Award nominations are due no later than **April 4, 2011**. Late nominations will not be considered or carried over to the next year. Send nominations to the Award Chairman:

Capt Eric Chase
359 AMDS/SGPT
221 3rd St. West, Bldg 1040
Randolph AFB, TX 78150-4801
E-mail: eric.chase@randolph.af.mil

WING NEWS & NOTES

Get Ready for Anchorage

by Zulene Simmons

When I wrote this it was the winter solstice, accompanied by a total eclipse of the moon. It was amazing to see the moon with red colors. For Alaskans, the winter solstice signals an end to the dark days of winter. For this Alaskan, it also signaled a new beginning. My husband and I returned from the Mayo Clinic, with what appears to be a successful re-implantation of his hip, on the 17th of December. He is walking again (with crutches). By the time this article goes to press, we will be to the Spring Equinox. That means we will have twelve hours of darkness and twelve hours of light. It is time to get excited again about the upcoming ASMA meeting in Anchorage. For those of you who have been here during May, or the summer, you know that by the time you all arrive we will be up to nearly 18 hours of daylight. Remember you will not see the Northern Lights, otherwise known as the Aurora Borealis.

By now, I hope you have had a chance to review the schedule of events for the 2011 meeting. It is time to put that request in to employers so that you will be able to have the time to attend our meeting. Monies are short all over. We can no longer EXPECT to go to all of the meetings we normally attend. Get your requests placed at the top of the pile.

As you noticed, we have scheduled an extra tour on Friday. We had hoped to have that tour on Tuesday, however, time constraints made it impossible. If you have never seen a glacier up close, you are in for a treat. If you have seen a glacier before, remember that they are forever changing. You never know when one will calve and you will hear that crashing sound. Every time I see the splash and hear that sound I am amazed all over again. May is also the start of the whale migration. I have been on this tour several times. I have seen whales, bears on the mountain sides, eagles, otters, goats, puffins and dolphins. The cabin of the boat we will be on is fully enclosed and warm in case of inclement weather. A light lunch will be served and a pay as you go bar will be open. Sometimes they are able to catch a chunk of glacial ice and make up a fresh batch of Margaritas.

There is usually a forest ranger on board to answer questions and point out things we might otherwise miss. The ride to Whittier takes about one hour. One of the time constraints is the fact that you must wait your turn while traveling through the tunnel. You share the one-way tunnel with trucks, boats, and trains. You don't find people running red lights there!

For those of you who were here in 2004, you should know that you were treated to real Chamber of Commerce weather. May is very unpredictable. Most of the snow should be gone by then. We should be up to about 18 hours of daylight. There is usually very little rain in May. If you are arriving Saturday evening, you might consider getting reservations for Mother's Day Sunday Brunch ahead of time. I have only tried the Captain Cook's

brunch. It is amazing. We have hiking trails that nearly encircle the town. Ship creek runs through the middle of town. One of our main malls is within easy walking distance of all the hotels we will be utilizing. We do not have a Saks Fifth Avenue, but we do have a Nordstrom's. The museum has a gift shop that features Alaskan craftsmen. Simon and Seaforts is one of our most popular restaurants. It is a short cab ride or a long walk from your hotels. It offers a beautiful view of the inlet. Unfortunately, you will not be able to see sunset while they are open. Nor should you plan to see the Northern Lights. Remember you will need your sunglasses most of the 18 hours of the day. Tuesday's tour will be your best introduction to the Northern Lights.

I am looking forward to seeing old friends and meeting new friends. Alaska is still the last frontier.



Join the Wing!

The Wing of the Aerospace Medical Association was formed in 1952 "to support the specialty of aviation, aerospace, and environmental medicine by facilitating cooperation among its practitioners and by increasing public understanding and appreciation of its importance." A second purpose of the Wing is "to promote sociability among its members and their families." Each year at the scientific meeting, AsMA spouses meet new friends from every corner of the world, sharing in the many cultural experiences and educational opportunities of the host city. Dues are \$40 per year. For further information, contact:

Jackie Bohnker
2253 Riverside Dr. S.
Clearwater, FL 33764
727-812-4868
e-mail: jpbohnker@juno.com



TOURING ALASKA---Top left: Alaska RR conductor on the way to Denali.. Middle left: Zulene's dad with his 4th of July catch at Seward. Bottom left: Caribou on the road at Denali Park. Top right: Glacial Trail from above. Bottom right: Glacier from cruise ship.

NEWS OF CORPORATE MEMBERS

ETC's NASTAR Center Announces 2011 Space Program

Environmental Tectonics Corporation's (ETC) NASTAR® Center, the premier commercial aerospace training and research center in the world, recently announced its 2011 Schedule of Space Training and Educational courses for the year. Programs commenced in March. Courses featured include: Space Pilot, Spaceflight Participant, Suborbital Scientist, Teacher Workshop, and Summer Camp.

The National Aerospace Training and Research Center, located just outside Philadelphia, PA, has been in operation since 2007 and is the only company approved by the Federal Aviation Administration's Office of Commercial Space Transportation to provide spaceflight training to the general public. NASTAR Center's Space Programs provide a continuum of space education from grades 4 to professional space pilot. Students, teachers, researchers, and space participants have been among the trainees taught at NASTAR Center. —For more information, visit the press release at www.etcusa.com/corp/pressreleases/NR020111.html

South African Airways Announces New Non-Stop Service

South African Airways (SAA) has announced an enhanced flight schedule which will open new travel options to its customers. The rollout of the airline's network expansion plan will result in an increase in seats available on some routes and an increase in the frequency of its flights on other routes. Also, starting in May 2011, SAA will offer a non-stop flight between Johannesburg and New York.

—For more information, please see www.flysaa.com/journeys/cms/ZA/flyingSAA/_categories/News/Newsarticle2011-01.html.

Baxter's Preflucel Shown to Protect Against Influenza

Baxter International, Inc., recently announced results of a study published in a recent issue of *The Lancet* that demonstrated the effectiveness and tolerability of Baxter's Preflucel in protecting against seasonal influenza. The study data showed nearly 80% protective efficacy against the influenza strains contained in the vaccine and a low adverse event profile.

Investigators studied the safety, immunogenicity, and protective efficacy of Preflucel through a randomized, double-blind, placebo-controlled phase III trial conducted in more than 7200 healthy volunteers in the United States during the 2008/2009 influenza season. Study results indicated that participants responded positively to the vaccine, with 78.5% protective efficacy against culture-confirmed influenza infection (CCII) and robust immune responses (measured as seroprotection rates) against the three viral strains contained in the vaccine. In addition to protection, study

investigators found significantly reduced duration and severity of influenza symptoms in infected subjects in the vaccinated group, as compared with the placebo group in a subsequent analysis. The vaccine was well tolerated, with no treatment-related serious adverse events reported during the trial.

—For more information, visit the press release at www.baxter.com/press_room/press_releases/2011/02_15_11_preflucel.html.

Wyle Demonstrates New Cost-Estimating Tool

A new cost-estimating tool that can be used for a wide range of acquisition systems was demonstrated by Wyle experts in February at the eighth annual NASA Project Management Challenge at the Long Beach Convention Center in California. The new tool, called VIEW, was created by a Wyle unit that has provided independent cost analysis and affordability assessments to the Intelligence Community, Department of Defense, and NASA for decades. Wyle has specialized in providing accurate "should cost" analysis for a wide range of high tech systems including satellites, aircraft, and large information technology; command, control, communications, computers, intelligence, surveillance, and reconnaissance (C4ISR); and major automated information systems.

The Wyle system is user customizable and transparent, so it is not a black box approach. VIEW has an estimator built in that uses a nine-step cost estimating process and a library that becomes a storehouse for enterprise cost estimating related information and data. Among the features of VIEW are: an intuitive user interface that reduces the learning curve; automated documentation development; pre-defined and custom report generation; flexible editing; easy versioning for "what-if" drills; time phase and inflate results; and the ability to import data from a standard Excel data sheet. The tool also can function in a multi-user environment.

—For more information, please visit www.wyle.com/News/Pages/02-08-2011.aspx.

Mayo Clinic Uses Whole Genome Sequencing to Plan Cancer Therapy

Whole genome sequencing — spelling out a person's entire DNA genetic code — has moved one step closer to being a medical option for direct patient care. Physicians and researchers at Mayo Clinic in Arizona and the Translational Genomics Research Institute (TGen) successfully completed sequencing both a single patient's normal and cancer cells — a tour de force of >6 billion DNA chemical bases. While the whole genomes of several individuals or their cancers have been sequenced in recent years, this is believed to be among the first successful application of whole genome sequencing performed in support of the medical care of a specific cancer patient.

A male patient with pancreatic cancer was the first patient at Mayo Clinic to have whole genome sequencing performed on both his tumor and non-cancerous cells as part of a clinical research project. By comparing the tumor DNA to the patient's normal DNA, researchers found a genetic change (mutation) that was important in helping inform doctors about how best to plan the patient's next treatment. This was a case of using a definable genetic change that could be linked to specific treatment, something believed to be a glimpse into the almost certain future of individualizing cancer care.

—For more information, please see www.mayoclinic.org/news2011-sct/6171.html.

Air Canada Adds Seats to Toronto Flights

Air Canada recently announced that it will add for this summer 450,000 more seats than summer 2010 to and from its Toronto hub, including new daily service to four major international destinations. The expansion is part of a system-wide capacity increase for summer 2011 that will result in additional international, transborder, and domestic flying. The additional capacity will result in more service from points across Canada in all three of Air Canada's major market segments.

—For more information, please visit aircanada.mediaroom.com/index.php?s=43&item=417.

Spectrum Aeromed Designs Medical Device Stand for LAFD

Spectrum Aeromed has delivered a custom-built carry-on medical device stand for the Los Angeles Fire Department (LAFD). The LAFD's Air Operations Section contracted Spectrum Aeromed to design, engineer, and install a custom carry-on medical device stand for their AgustaWestland AW139 multi-mission helicopters. The Spectrum Aeromed design and engineering team collaborated with the LAFD's special missions staff to get a better understanding of how this proposed unit was expected to function. As a result, the one-of-a-kind medical stand was created to the exact dimensions of the aircraft. The unit is floor- and ceiling-mounted for stability with a quick-release capability to accommodate versatility for the multi-mission aircraft.

—For more information, please see the news item at www.spectrum-aeromed.com/news/news_releases/spectrum-aeromed-delivers-for-los-angeles-fire-department/.

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For more information, please call Gloria Carter at (703)739-2240, x 106, gcarter@asma.org; or Yvette DeBois at undersearave@surfbest.com

NEWS OF MEMBERS

Send information for publication on this page to: **News of Members**
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Natacha Chough of Stanford, CA, has graduated from being a Medical Student IV at the University of Michigan in Ann Arbor and is now an Emergency Medicine Resident at Stanford University in California.

Laura Drudi (M.D. candidate 2012) will be embarking on a 2-week expedition to Antarctica with the Students on Ice program. This program is a unique educational opportunity to learn about the impact human beings have on fragile ecosystems with a focus on how space technology is crucial in protecting and monitoring the Earth's resources and environment.

Kris R. Lehnhardt of Washington, DC, is currently a Major in the Canadian Air Force Reserves and an Emergency Physician and Assistant Professor at George Washington University.

Major Rachel Morrell, M.D., CCFP, of Cold Lake, Alberta, Canada, formerly Wing Surgeon at the 23rd Health Services Centre Detachment, Moose Jaw, has transferred to serve as Wing Surgeon at the 22nd Health Services Centre, Cold Lake.

Scott Parazynski, M.D., a former astronaut, has joined The Methodist Hospital Research Institute in Houston as the chief medical officer and chief technology officer. He has a very unique background, combining medicine and technology under very extreme environments.

Col. (Ret.) David Schall, M.D., M.P.H., FACS, FACPM, recently retired after 37 years of service with the USAF in the Active, Reserve, and Guard components. He most recently served as the Combatant Command Surgeon for European Command and helped stand up the newest Geographic Combatant Command, AFRICOM. He also had served as the Command Surgeon for the Pacific Air Forces and the Air Force Academy. Col. Schall was the Consultant to the Surgeon General for Otolaryngology Head & Neck Surgery and was the only Aerospace Neurotologist in the military. He recently accepted a senior position with the FAA as the Regional Flight Surgeon for the Great Lakes Region in Chicago, IL. He was awarded the Defense Superior Service Medal on his retirement from the European Command.

Dr. Joan Vernikos recently received the 2010 Aristeon Award from the Hellenic American Women's Council, gave a talk to Aerojet employees, and was honored with the Life Sciences Book Award of the International Academy of Astronautics for *The G-Connection: Harness Gravity and Reverse Aging*.

New Members

Cabibbe, Gian-Marco, M.Sc., Innsbruck, Austria
 Cyriaque, Jean-Felix, Lt.Col., AAF, M.D., Midwest City, OK

Dubisky, Jr., Gary L., D.O., Gastonia, NC
 France, Jeffrey W., D.O., Little Silver, NJ
 Frost, Brendon I., M.Sc., North Balwyn, Melbourne, Australia
 Garcia, Diego M., M.D., Bogota, Colombia
 Janisko, Thomas J., LCDR, M.S., USPH, Falls Church, VA
 Karakucuk, Sarper, Prof. Dr. Med., Kayseri, Turkey
 Nolte, John M., M.D., Anchorage, AK
 Ostrowski, Kris A., Capt., USAF, Cannon AFB, NM
 Plumb, Laurence R., M.D., Hamburg, NY
 Rashid, Amei Farina Abd, M.B., Ch.B., Kuantan, Pahang, Malaysia
 Semeniuk, Ross C., Capt., CF, Edmonton, AB, Canada
 Sheehand, Nathanael, M.B., B.S., Greenslopes, Australia
 Tarigopula, Madhusudhan, M.D., M.P.H., Providence, RI
 Tingery, Justin J., Maj., B.S., M.D., M.P.H., USAF, RAM, Brooks City-Base, TX
 Wiener, Thomas C., M.D., Houston, TX
 Wiktor, Dominik M., M.D., Cleveland Heights, OH
 Winnington, Andrew P., Dr., Paraparaumu, New Zealand

Additional 2010 Associate Fellows Chosen

The following additional AsMA members have achieved Associate Fellows status and were approved by the Executive Committee: Dave Baldwin; Donald E. Ross; Nora Taylor; Christine Cloutier; Swee Weng Fan; Peter David Hodgkinson; Matthew Hofer; LaLainia Secreti; Jens Metrikat; Robert L. Kane; Eric Muth; Blake Chamberlain; Vivienne Lee; Ryan Maresh; Nader Abou-Seif; and Robert Haddon.

AsMA Foundation Donors

The AsMA Foundation would like to thank the following donors and organizations who have generously supported the Foundation and the field of Aerospace Medicine in 2010: Society of NASA Flight Surgeons; Space Medicine Association; George K. Anderson; David K. Broadwell; Lloyd E. Dodd; Alice and Chris Flynn; Richard Jennings; Smith Johnston III; Jeffery A. Jones; Zoran F. Lolic Lawrence Marinelli; George C. Mohr; Kenneth J. Myers; Guillermo Salazar; Thomas J. Tredici; James M. Vanderploeg; and Robert W. Wiens.

The AsMA Foundation has made every effort to assure that this list is complete, but we acknowledge that errors may occur. Please report any errors to the Foundation.

In Memoriam

Harvey W. Watt, Sr., born in Brantford, Ont., Canada on November 27, 1916 passed away on Friday, November 19, 2010 in Atlanta, GA.

Mr. Watt purchased his first airplane to fly across the southeast as an insurance salesman



landing on main streets of small towns. He was a flight instructor for the Army Air Corps in Camden, SC, during WWII. Harvey flew for Eastern Airlines for 30 years. During that time, he founded the Aviation Insurance Agency, Harvey Watt & Co.,

Aviation Insurance Agency of Ontario, Toronto Inc., Ontario Reinsurance Company, and an airplane leasing company. Harvey Watt is credited with inventing pilot loss of medical license disability insurance and saved innumerable careers by providing AeroMedical assistance. He was awarded an Honorary Fellowship in the Aerospace Medical Association and was the recipient of the Airline Medical Directors Association Award. His company has been a Corporate and Sustaining member of AsMA for over 30 years.

Updated News of Member Form Online!

A new online pdf form is available on the Members Only page so you can update your fellow Members on what you're up to. Send us news of awards, promotions, etc. Please remember to send us your e-mail address!

PRESENTATIONS FROM THE 2010 PHOENIX MEETING ARE ONLINE IN PDF FORMAT!

Log on to the AsMA website and go to the Meetings page. Follow the link to the presentations, converted from PowerPoint to PDF: www.asma.org/asma2010_mp

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