

# President's Page

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As my year as president draws to a close, I would like to provide some words of encouragement to those of you who share my commitment to the association. I realize that I have already written about the importance of members being involved. If you are planning on attending the meeting in Anchorage and are not currently involved in an AsMA committee, I encourage you to identify a committee that you would like to participate in and join that group during their scheduled meeting time. I know there are several committee chairs who are seeking additional members who are willing to work for the association. It only takes a little effort to become involved and to contribute. If you have a particular area that you feel needs to be emphasized during the next few years, send me a note or contact Dr. Antuñano (AsMA president-elect) during the meeting. As part of our efforts to develop a 3-5 year strategic plan, there will be a number of opportunities for each of you to become involved. Let your voice be heard!

Shortly after this column was written, the AsMA executive committee held their final meeting prior to the scientific sessions and business meeting in Anchorage. In addition to receiving an update on the status of the proposed revision to the AsMA website, we expanded the strategic plan. It is not too late for you to share your thoughts and opinions. Write to me or to one of the members of the executive committee concerning how you think the association can change to better meet the challenges of the future. To date, we have received little input from any members outside the executive committee, and frankly we can benefit from an influx of new ideas and approaches.

Now I'll get off my soapbox and pass on some other interesting information. For those of you interested in occupational safety and health, Alaska and its major industries provide an interesting backdrop. In an article on America's most dangerous jobs, CNN/Money writer Les Christi indicated that the following five occupations have the highest fatalities per 100,000 workers: lumbermen (118), fishing (71), commercial pilot (70), structural metal workers (58), and drivers-sales (38). In Alaska, the long hours, strong seas, and cold weather resulted in 400 fatalities per 100,000 workers in the shellfish industry during the 1990s. While the more recent numbers are lower, it still represents a significant concern. The dangers associated with flying are not necessarily with the commercial pilots but with the bush pilots, air-taxis, and general aviation pilots. The environment and Alaskan terrain provide special challenges for pilots. In Alaska, according to National Institute of Occupational Safety and Health (NIOSH) statistics, the fatality rate for pilots is 48 times that of the lower 48 states. According to George Conway from NIOSH, pilots in Alaska have a 1 in 8 chance of dying in an aviation fatality during a 30-year career. During our meeting you will have an opportunity to



**David J. Schroeder, Ph.D.**

hear about the human factors associated with Alaskan aviation and efforts to improve aviation safety.

Given the venue of our annual meeting, it only seems natural that we would focus a little more closely on aspects of the current aviation environment in Alaska. A number of initiatives have been introduced to reduce aviation accidents. Around the Bethel area, we have seen the equipage of some 200 general aviation (GA) aircraft with sophisticated multifunction displays that allow pilots to observe weather, their flight path, and the presence of other aircraft on their multifunction displays. GPS allows for more accurate flying and easier location of downed aircraft. The second phase of equipage, that includes a perspective primary flight display, has begun in the Juneau area. So far, 19 aircraft have been equipped. Several of the mountain passes and critical flight paths have been equipped with cameras that send images to a specialized web site that pilots can access prior to departure. Up-to-date weather information along with historical information concerning changes in the weather across the last few hours is available for a number of locations throughout Alaska. Should you have an interest in seeing aspects of the Alaska terrain, as viewed from these cameras, the website is located at <http://akweathercams.faa.gov/wxcams/map.php>. You can then select the specific area of Alaska that you are interested in and observe the local weather conditions. Research is ongoing to evaluate the usefulness of laser lights to mark runway thresholds and other dimensions of the landing area. Initial studies suggest that these eye-safe laser lights provide clear indications of runway thresholds in markedly deteriorated weather conditions where other approaches to lighting may often be obscured. These are but a few of the innovations that are currently at the forefront of efforts to improve aviation safety in one a demanding aviation environment. You will have a chance to hear about some of these during the annual meeting. By the time you read this column, many of you (I hope) will be making preparations for our meeting in Anchorage. Hope to see you there.

# Medical News

## AVIATION, SPACE, AND ENVIRONMENTAL MEDICINE

### Hackett to Deliver Bauer Lecture

Peter Hackett, M.D., will deliver the 50th Bauer Lecture Monday, May 3, 2004, during Opening Ceremonies of the 75th AsMA Annual Scientific Meeting in Anchorage, AK.

Dr. Hackett is a world authority on high-altitude medicine and physiology. He is currently Interim Clinical Director, Colorado Center for Altitude Medicine and Physiology (CCAMP), University of Colorado Health Sciences Center. His research on altitude illness has appeared in over 100 articles in various medical journals and he has made over 250 presentations at local, national and international meetings on the subject.

In the mid 1970s he founded the Himalayan Rescue Association in Kathmandu, Nepal. In 1981, Hackett reached the summit of Everest, climbing solo from the South Col to the peak.

In 1982, he went on to establish the medical camp at 14,000 feet on Denali (Denali Medical Research Project, Anchorage, AK) to study and assist climbers suffering from cold and altitude-related illnesses there. According to Dr. Hackett, "Usually when we conduct research on altitude we have to find volunteers, but here we have willing climbers who have chosen to come here. Those who get sick are happy to have us treat and study them." The National Park Service has established a medical and mountain rescue presence at the site.

A native of Evanston, IL, he attended Marquette University, Milwaukee, WI, and received a B.S. in Biology in 1969. He earned his M.D. degree from the University of Illinois in 1973. From 1973-74, he was an intern in Medicine and Surgery, San Francisco General Hospital and from 1978-89, was a Fellow, Cardiovascular Pulmonary Research Labor-

atory, University of Colorado, School of Medicine, Denver, CO.

His current professional appointments include: Physician Advisor, Telluride Fire District EMS, Telluride, CO; Staff Physician, Telluride Medical Center; Medical Director, Denali National Park Mountaineering Rangers; Staff Physician, Emergency Department, Montrose Memorial Hospital, Montrose, CO; President, International Society for Mountain Medicine; Co-Chair, International Hypoxia Symposia; Chairman, International Relations Committee, Wilderness Medical Society; Member, Medical Committee, National Association for Search and Rescue; Member, Medical Review Committee, National Ski Patrol. Interestingly, he was a Visiting Scientist, Johnson Space Center, Houston, Texas, in 1989.

Dr. Hackett is on the Editorial Board of *Wilderness and Environmental Medicine* and *High Altitude Medicine and Biology Medicine*, he is a Contributing Editor to *EMERGINDEX*, a Consultant and Contributor to *The Medical Letter*, and is a peer-reviewer for many journals including *American Journal of Emergency Medicine*, *Aviation, Space, and Environmental Medicine*, *JAMA*, *NEJM*, *Physician and Sports Medicine*, *Journal of Travel Medicine*, and *Journal of Applied Physiology*.

He is the author of "Mountain Sickness: Prevention, Recognition and Treatment" (New York, NY: Am Alpine Club; 1980).

Dr. Hackett is a member of the Aerospace Medical Society, Colorado Chapter, American College Emergency Physicians, American Association For Advancement of Science, American College Emergency Physicians (Fellow), American College of Sports Medicine, American Heart Association, Cardiopulmonary Council, American Physiological Society, Federation of American Societies for Experimental Biology, International Physicians

for Prevention of Nuclear War, International Society for Mountain Medicine, Nepal Medical Association, Scientific Institute for Public Information, Union of Concerned Scientists, and Wilderness Medical Society (Founding Member).

He has appeared on Nightline (ABC) with Ted Koppel and NOVA (PBS). On the NOVA Online website ([www.pbs.org/wgbh/nova/](http://www.pbs.org/wgbh/nova/)) (search: Hackett) he provides some wonderful details concerning his own experiences with hypoxia on Everest. He also has considerable experience in climbing Denali.

### Executive Director's Column



Rayman

### ICAO Study Group

Dr. Claus Curdt-Christiansen, Chief Aviation Medical Section, of the International Civil Aviation Organization (ICAO) convened a Study Group in Montreal, January 26-30, 04 to review Annex I (Personnel Licensing) which covers medical standards for aircrew. (As an aside, the temperature in Montreal the entire week ranged from -21 to -31 degrees C.) In attendance were representatives from Russia, Egypt, Singapore, Canada, France, UK, and USA, with some of the attendees wearing a second hat representing international organi-

See ICAO, p. 375.



PETER HACKETT climbing to Fourteen Medical Camp, Denali, AK.  
Photo: Thom Pollard.



ICAO STUDY GROUP-- Back row(L to R): Rene Germa, Ahme Marwan, Essam Aboghuida, Oleg Demidov, Victor Kniga, Fred Tilton, Jim Wallace, Tony Evans. Front row (L to R): Russell Rayman, Jarnail Singh (Chair), Claus Curdt-Christiansen (Secretary).

ICAO, from p. 374.

zations. Your Aerospace Medical Association was invited to the table as a full participant. Dr. Jarnail Singh (Singapore) did an extraordinary job chairing the Group.

By way of background, Annex I had last been fully revised in 1970. Consequently, Dr. Christiansen, in consultation with two other aerospace medicine physicians, recently reviewed Annex I and prepared a number of recommended changes to update the 1970 publication. The recommendations were then sent to the ICAO contracting States for comment.

The purpose of this Study Group was to address the proposed recommendations as well as the comments received from the contracting States. This Study Group was of particular interest because it has implications for aviation worldwide. Furthermore, the various contracting States have legitimate differences of opinion making it a major challenge to achieve consensus. For example, some States view the medical examination as a means to ensure that the pilot can fly safely during the period of validity. (In some cases this would be only 6 months.) Consequently, there would be no requirement for public health/preventive medicine screening such as weight, cholesterol level, life style evaluation etc. On the other hand, some States go beyond health status during the period of validity and do include screening tests that are relevant to long term health and wellness, but not necessarily

to flying safety. Thus, there is a clear dichotomy in principle.

The Study Group addressed a number of issues covering the various systems of the body.

On the majority of issues there was unequivocal consensus, but there were legitimate differences of opinion as alluded to above, particularly in duration of validity of licenses; requirements for ECGs, chest X-rays, EEGs; hearing tests; and flying while pregnant. Nevertheless, by the close of the meeting, through a bit of compromise here and there, the Study Group came to agreement.

The findings of the Study Group cannot be published at this time since they must be edited and approved by several offices within ICAO although it is anticipated that the new document (Annex I) will be on the street sometime in mid 2005.

## This Month in Aerospace Medicine History-- April 2004

By Walter Dalitsch III, M.D., M.P.H.

### Fifty Years Ago

*Early civil aviation medicine.* "Undoubtedly the most significant committee report presented at the twenty-fifth annual meeting in Washington, D.C., last month was that of Dr. Richard L. Meiling of Columbus, Ohio, who announced that in conjunction with Dr. W. R. Stovall the CAA Medical Research Laboratory had been moved from Oklahoma City to the campus of Ohio State University in the first phase of a planned program for development of an Institute of Civil Aviation Medicine." (2)

*Air sickness.* Defence Research Medical Laboratories, Toronto, Canada: "1. It is suggested that there are two types of airsickness, namely, 'true' airsickness and 'pseudo' airsickness. 2. 'True' airsickness is accompanied by nausea and is due to the stimulation of the non-auditory membranous fibres. It is induced by rough air and aerobatics. 3. 'Pseudo' airsickness is the rapid regurgitation of food primarily due to the mass of the food in the stomach being suddenly forced into the esophagus. It is brought about by aerobatics involving sudden negative 'G'." 4. These two types of airsickness must be differentiated in any attempt to correlate motion sickness, induced in the laboratory, with airsickness." (4)

*Spatial disorientation of 1954.* U.S. Naval School of Aviation Medicine, Pensacola, Florida: "A questionnaire concerning student pilots' experiences with disorientation was administered to 226 basic students and 276 advanced students in the Naval Air Training Command... In this analysis it was found that every vertigo item was marked by at least one student. The item marked by the greatest number of students (62 per cent) was, '...there was an apparent turning when the instru-

ments indicated straight and level.' The mean number of items marked by basic students was 9.26 and the mean number marked by advanced students was 13.86... The data revealed that the most common type of vertigo experienced by student pilots involved confusions with regard to attitude and position of the aircraft, although confusions with regard to visual perception were also common. These data are convincing evidence that vertigo is experienced sooner or later by student pilots in their training and that there is a close relationship between vertigo and aviation safety." (1).

### Twenty-five Years Ago

*Spatial disorientation of 1979.* Brandeis University, Waltham, Massachusetts: "Illusions of continuous body tilt and rotation can be elicited by vibrating postural muscles of subjects standing in the dark. During such illusory motion, the apparent pivot point of the body can be influenced systematically by touch and pressure cues. Strong apparent movement is sometimes accompanied by nystagmus of compensatory sign. If a small target light is visible during vibration, visual motion of like direction and velocity will accompany the illusory body motion. We have designated this pattern of apparent body and visual motion the 'propriogryal illusion.' Full room illumination abolished both components of the propriogryal illusion. When the propriogryal illusion is being experienced, there is a dissociation between apparent displacement and apparent velocity; the extent of displacement is always less than would be expected on the basis of apparent velocity. The illusions of continuous body motion and the propriogryal illusion represent elements of a general set of vibratory myesthetic illusions that influence apparent posture, sensory localization, and position sense of the body. These illusions demonstrate an important contribution of muscle afferent and touch-pressure information to the central mechanisms that determine apparent spatial orientation and visual localization. They also provide evidence that somatosensory information about body orientation can influence oculomotor control." (3)

*Mishap rates.* "According to the latest government figures, accident rates and fatality rates per million miles flown decreased during 1978 for commercial air operations and increased for general aviation.

"The accident rate for general aviation was 113 times that for commercial operations: the death rate was six times the commercial rate. In 1977, the general aviation accident rate was 90 times worse and the death rate not quite twice as bad as for commercial operations." (5)

### REFERENCES

- (1) Clark B, Nicholson MA. *J Aviat Med* 1954; 25(2):171-9.
- (2) Editorial comment: An institute of civil aviation medicine. *J Aviat Med* 1954; 25(2):101.
- (3) Lackner JR, Levine MS. Changes in apparent body orientation and sensory localization induced by vibration of postural muscles: Vibratory myesthetic illusions. *Aviat Space Environ Med* 1979; 50(4):346-54.
- (4) Lowry RH, Johnson WH. "Pseudo motion sickness" due to sudden negative "G"; its relation to "airsickness." *J Aviat Med* 1954; 25(2):103-6.
- (5) Medical news: Airlines improve '78 accident rate. *Aviat Space Environ Med* 1979; 50(4):417.

## Remember!

Council Meetings are open to all members of the AsMA. Your input and attendance are always welcome. Our next meeting will be on May 2, 2004 in Anchorage, AK..

## Notice to Members Attending the Annual Scientific Meeting

It is imperative that you turn in your completed evaluation forms at the May Annual Scientific Meeting in Anchorage (even those of you not seeking CME credit). Blue bins will be placed in the registration area for you to drop in the form. Your evaluation forms are very important to us as they convey your educational needs and help us plan the academic program for the following year. In addition, this is an American College of Continuing Medical Education (ACCME) requirement. Thank you.

Russell B. Rayman, M.D.  
General Chair

## AsMA RESOLUTIONS/POSITION PAPERS/LETTERS

### Subject

1. Position Paper on SSRIs and Flying

2. Position Paper on Age 60

3. SARS Task Force

### Status

Approved by Council Nov. 03.  
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To be published in journal.

Paper published in journal in Jan. 04.

# AEROSPACE PHYSIOLOGY REPORT

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## Aerospace Physiology Society Social--Alaska-Style!

This year we have the opportunity to travel to Alaska and it is only appropriate that we embrace the atmosphere. So, this year for the Aerospace Physiology Society social we are going to enjoy an Alaskan type dinner at the Sourdough Mining Company. Enjoy a cocktail from the full-service Creekside Saloon while viewing Alaskan salmon in the backyard creek. Not only will you be impressed by the views, but the food has received rave reviews.

There will be free transportation to and from the restaurant from your hotel. The start time will be 6:00 p.m. for drinks and refreshments in the old time saloon or served directly to you in the private social area. At 7:00 p.m., dinner will be served! Not only will you be getting great atmosphere, but also, the creek rolls by right outside our private dining room where you can see various fish swimming. Now, who can ask for more? The diner will set up buffet style, so you won't leave hungry. Here's what's on the menu: a well rounded selection beef brisket, barbecue chicken, broiled salmon, baked halibut, corn on the cob, baked beans, baked new potatoes and Corn fritters with Whipped Honey Butter... and all the trimmings. Non-alcoholic drinks included. After dinner you can celebrate dessert by "building your own ice cream sundae" from the sundae bar with an array of tasty toppings. The Sourdough Mining Company offers several other attractions including panning for gold and a theatre show (both are extra and require reservations.)

Well, that about does it. We look forward to seeing you there. It should be a great experience and a great opportunity to catch up on new issues.

After the meal you can walk across the bridge to the Peanut Farm and have beverage in the tavern built in 1958. Also, across the street is the candy factory, which has 40ft high chocolate water fall. All of the places are open until 10 p.m. and the Peanut Farm is open until 2:30 a.m.

Sign up information will be available at the Society's information table. SEE YOU THERE!



SOURDOUGH MINING COMPANY--Outside view.



SOURDOUGH MINING COMPANY--Interior dining room view. For more information, see: # <http://www.alaskaone.com/aksourdough/>

## SAFE Symposium Call for Papers

The SAFE Association has issued a Call for Papers for its upcoming 42nd Annual SAFE Symposium. The symposium will be held September 27-29, 2004, at the Grand America Hotel, Salt Lake City, UT.

This is the premier meeting for the professionals who have shaped safety in aviation, space, land, and military disciplines. Topics will include, but are not limited to: Commercial and Military Crash Safety; NBC Protection: Acceleration; Ejection; Life Support systems; Testing Methods; Simulation; Hearing Protection; Human Factors.

SAFE now accepts only electronic abstracts: [safe2004@athenagtx.com](mailto:safe2004@athenagtx.com) or [safe@peak.org](mailto:safe@peak.org). The deadline is July 20. The final paper in CD format for the SAFE Proceedings is due by August 13. NEW THIS YEAR: A PowerPoint presentation in final presentation format must be either emailed to [safe2004@athenagtx.com](mailto:safe2004@athenagtx.com) or sent on a clearly labeled CD to the SAFE Office to arrive no later than 17 September. 2004. Info: (541)895-3012; [www.safeassociation.com](http://www.safeassociation.com).

## CAMA Meeting Sunday, May 2, 2004, 1:00pm -4:00pm Anchorage, AK "Age 60: the Winds of Change?"

The U.S. Age 60 rule has been long debated and is not consonant with regulations in other countries. CAMA has adopted a position that the rule be reconsidered in light of advancing knowledge, and an AsMA position paper advocates that age alone should not be the sole determinant of certification of U.S. Air Transport Pilots. In this afternoon session we will explore the Age 60 Rule and rationale for change. All are welcome to attend what promises to be a most interesting session. There will be no charge.

## AsMA Future Meetings

May 2-7, 2004  
Egan Convention Center  
Anchorage, AK

May 9-12, 2005  
Kansas City, MO  
Hyatt Regency Crown Center

May 14-18, 2006  
Caribe Royale Hotel  
Orlando, FL

## MEETINGS CALENDAR

April 22-22, 2004, Brooks City-Base, San Antonio, TX. Military Aviation Fatigue Countermeasures. Info: Charlie Dean, [charlie.dean@brooks.af.mil](mailto:charlie.dean@brooks.af.mil).

May 25-26, 2004, Sydney, Australia. Workshop on Remote Management of Mild DCI. Info: Undersea and Hyperbaric Medical Society (UHMS): (301) 942-2980; email: [uhms@uhms.org](mailto:uhms@uhms.org); websites: [www.uhms.org](http://www.uhms.org) or [www.iceaustralia.com/uhms2004/](http://www.iceaustralia.com/uhms2004/).

June 21-23, 2004, Baltimore, MD. The 2004 Defense Medical & Procurement Conference Developing Business Building Alliances, sponsored by the U.S. Army Medical Research and Materiel Command at Ft. Detrick. Info: 703-807-2027.

August 11, 2004, Leicester, UK. UK SPACE MEDICINE DAY. University of Leicester, Leicester, UK. Full day of presentations, workshops and posters by leading UK and International Space experts. Conference pack issued. Cost: £20. Contact: [alysoncalder@doctors.org.uk](mailto:alysoncalder@doctors.org.uk).

September 20-24, 2004, New Orleans, LA. 48th Annual Meting of the Human Factors and Ergonomics Society. Info: HFES (310)394-1811; [info@hfes.org](mailto:info@hfes.org); <http://hfes.org>.

September 27-29, 2004, Salt Lake City, UT. SAFE Association 42nd Annual SAFE Symposium. Info: Jeani Benton(541)895-3012; [www.safeassociation.com](http://www.safeassociation.com).

## This publication is available in microform from ProQuest

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# AEROSPACE NURSING SOCIETY NEWS

Send information for publication on this page to:  
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## Message from the ANS President

My term as president is coming to a close. It is hard for me to believe that next month I will relinquish the gavel to Colleen Morissette, Vice President/President Elect. The time has



passed very quickly. Next month, we will meet in Anchorage, Alaska, for the AsMA 75th Annual Scientific Meeting and will celebrate the 40th Anniversary of the Aerospace Nursing Society (ANS). I hope you have had a chance to review the program

planned for this year and will join us in Alaska for a memorable meeting.

It has been a very busy year and I want to thank everyone for the hard work this year. If you have not had a chance to view our new website, please go to [www.aerospacenursingsociety.org](http://www.aerospacenursingsociety.org) for the latest information about our organization. Please let us know what you think about the site. We are open to your ideas and suggestions. We have also published two newsletters in order to help spread the word about the Aerospace Nursing Society and our commitment to improving air transport for the sick and injured.

At the annual meeting we will announce the criteria for a new nursing scholarship program for ANS members. This scholarship is in memory of Louise Marshall, a past member of AsMA, and will be awarded to one eligible individual each year. I am also pleased to tell you that Col (Ret) Mary Foley has agreed to be our luncheon speaker. She has a wealth of knowledge in aerospace physiology and has been a member of AsMA for many years. She will speak to the history of women in aerospace medicine including the contributions nurses have made to aerospace medicine throughout the years.

Thank you for the support you have given me this year. This is an outstanding organization with a proud history. Please help us to continue to grow and meet the challenges of aerospace nursing. See you in Alaska!

Virginia Schneider  
President, ANS

## ANS Website Launched

We wish to thank our VP/President Elect Colleen Morissette for bringing the ANS to the electronic age by developing the Aerospace Nursing Section web page. Over the past several years this has been a stated goal of the organization and NOW it is a reality. The address is:

<http://www.aerospacenursingsociety.org>.

Please check it out, and give any suggestions to Colleen. You can also link to the site

from AsMA web site at [www.asma.org](http://www.asma.org) from the listing of AsMA constituent organizations.

We hope that you will consider submitting photos showing our members in action to add to the site. Colleen plans to update the site quarterly, so if you make suggestions give her time for them to be considered and posted. You will find contact information for officers, committee chairs, as well as the ANS Awards. We hope this ready access to the ANS will enhance membership and help the organization to grow as our predecessors saw the vision of this organization and established it 40 years ago.

## Mary F. Foley to Speak at ANS Luncheon

It is with great pleasure we announce Mary F. Foley, Col. USAFR(Ret) as the speaker at the ANS Luncheon on Wednesday, May 5 2004. As we commemorate the 40th year of the ANS, originally established in 1964 as the Flight Nurse Section, we look forward to Col. Foley informing us about the role of women in Aerospace Medicine and the opportunities available to nurses in aerospace medicine in this multidisciplinary field of medicine.

Prior to joining the Air Force in 1958, she instructed medical-surgical and operating



room nursing at St. Xavier University, Chicago, IL. She served on active duty in the Air Force for 2.5 yr, before transferring to the USAF Reserves. She held a rating as a flight nurse with the Troop Carrier Squadron on the C-119, "Flying Boxcar" at Scott AFB, IL.

However, much of her USAF Reserve career was spent in the Research Labs at Wright-Patterson AFB, OH. There she worked on various research projects in zero gravity and acceleration. She retired from the Reserves in 1986, but has remained active in the Aerospace Medical Association, having been a member since 1958 and elected AsMA Fellow in the late 1970s. She has been particularly active with the Scientific Program Committee.

She is certified in Aerospace Physiology and is a member and past president of the AsMA Aerospace Physiology Society, as well a member of Aerospace Human Factors Association and Space Medicine Branch, all three of which are constituent organizations of AsMA.

A pilot with a commercial certificate with instrument rating, Col. Foley has over 600 hours in a single engine aircraft. She is active in the Ninety-Nines—the International Organization of Women Pilots, as well as Women in Aviation, International; Association of American University Women; and Military Officers of America. She has given presentations the past several years at AsMA on the

history panels focusing on Women in Aerospace Medicine and will be giving another history presentation this year in Anchorage.

Though now retired, she is continues her research on women in aviation and is a guest lecturer at Lewis University and the Museum of Science and Industry, Chicago. She stays involved with part-time nursing working with Manpower, Inc. and volunteers at the public library while caring for her many animals—cats and rabbits. See you at the luncheon, CEUs will be awarded for this presentation.

## Attention All AsMA Nurses and Technicians! ANS MEMBERSHIP INFORMATION

It is time to renew your ANS Dues.

You must send ANS dues and changes of address to:

Diane Fletcher, ANS Treasurer  
3104 Stonewood Drive  
Ocean Springs, MS 39564

ANS Dues for Registered nurses: \$10 and \$5 for technicians or Allied Health Professionals. ANS is a Constituent organization of AsMA and in accordance with AsMA Bylaws all ANS members must also be AsMA members.

### REMINDER:

CEUs at the annual meeting are free to ANS members.

## Join the Aerospace Nurses Society!

Dedicated to the advancement of aerospace nursing....  
Dues are just \$10. Membership is open to allied health professionals for \$5 a year.  
For further information, contact:

Diane Fletcher, ANS Treasurer  
3104 Stonewood Drive  
Ocean Springs, MS 39564  
(228) 818-0281  
[gregordi@cableone.net](mailto:gregordi@cableone.net)

## Special Alaska Cruise Offered

"26 Glaciers" is a 1-day Glacier and Wildlife adventure: 4.5 hour, 135-mile round trip cruise on a catamaran around the protected waters of Prince William Sound

Pickup at the Hilton and Captain Cook Hotels. Cruise Departs from Whittier (1 hour from Anchorage)

Special AsMA price \$132.50  
Hot lunch, tea and coffee inc.  
For Reservations: 800-544-0529 or  
e-mail: [reservations@26glaciers.com](mailto:reservations@26glaciers.com)  
(First day of operation is May 2, 2004)

# WING NEWS & NOTES

Send information for publication on this page to:  
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## Message from Lady Baird

### Retirement, Gourmet Foods and Easter Greetings

"So little done, so much to do" were the last words of Cecil Rhodes, and whilst I have no plans to expire at the end of this article, that is exactly how I feel at the moment. The faster I go the behinder I get--I almost meet myself on the way back!!

"Retirement is twice as much husband and half as much money" and do you remember, "For better, for worse, but not for lunch"? Well that is the problem in this household-the lunches. Chicken Provencal, Tender Goose with Garden herbs, Mediterranean-style Lamb Casserole, and Beef with Pate, and that was the cuisine for the cats!! I try so hard to vary the changes and whilst Spence and Slip dined on the delights of SHEBA, we were savouring the flavours of sausages, cabbage and mashed potatoes. So I am truly looking forward to 3 weeks away from my ball and chain at the stove and enjoying the wonderful dishes that will be prepared for us in Alaska!

I'm sure that you enjoyed the "Clipped Wings" article by Sue Bassick in the February issue, and the information about Alaska given by Judy Rayman. Dale and I are most grateful to everyone who has contributed to the WING page during the last year, so keep sending things to Dale, she will continue as "Publicity" for a further "term of office".

Easter bonnets, Judy Garland, chocolate eggs and bunnies. Time again to boil and colour those eggs and roll them down the hill, a symbolic gesture that I believe has gone out of "fashion". We avoid all references to religion in the WING but I thought it might be interesting if some of our members from non-Christian beliefs would like to share their celebrations and feast days with us. So have a good Eastertide, only one month to go until we meet again and only two more articles for me to write!!

Wishing everyone good health, join us in Hospitality and sign up for everything!!

## North to Alaska

Pack those snugglies, don those tuques and get set for the Wing's 54th annual meeting held this year in spectacular Anchorage,



CARIBOO



ALASKA NATIVES

Alaska. A very exciting venue of events has been planned by our arrangements committee to keep us all occupied, and to give us a taste of what the 49th state has to offer.

Our meeting will kick off with a welcome reception in the Crows Nest in the Captain Cook Hotel, with its magnificent views of downtown Anchorage.

Tuesday will find us driving along the Turnagain Arm to Portage Glacier and Alyeska Ski Resort - one of the top 10 most beautiful drives in the United States. You might even have the opportunity to see Dall sheep on the mountainside, Buluga whales in the water, or an eagle flying over head. Big Game Alaska will give you a glimpse of the animals native to the region. Alyeska Ski Resort is a wonderful hotel with a ski lift up the mountain for skiers in the winter and hikers in the summer. There are two restaurants at the top. If you have the time and would like a romantic dinner with your spouse, the 7 Glaciers is the one to go back to. And just as the name suggests, you can see 7 glaciers from the summit. You can buy a trip up the mountain in the Gondola, with lunch if you choose, or there is a restaurant in the hotel, as well as a sandwich shop in the village a short walk away (the cost of lunch is not included in the tour). After lunch we will head off to Bird Point, famous for "Combat Fishing"! Men and women stand shoulder to shoulder trying to catch "the BIG ONE", salmon - that is. The salmon may not be running at the time we are there, but you will at least get an idea of what it might be like.

On Thursday we begin our day with a short bus tour of downtown Anchorage, then on to the Alaska Native Heritage Center - Alaska's premier native cultural attraction. There will be a short film and a tour of the grounds. You will see how the Alaskan Native Tribes live, what their housing is like, what they eat, and what clothing they wear. There will also be a show featuring Alaskan dancers and drummers. You'll be glad you planned this time at the ANHC - it's fantastic! From there we make our way to the Sourdough Mining Company, where you may choose to have a family style meal or a lighter lunch of soup and bread (again the cost of lunch is not included in the tour). Our last stop of the day will bring us to the Alaskan Wildberry Shop with its towering waterfall of mouthwatering liquid chocolate.

## What to Do in Anchorage

If you find yourself with a little extra time and want to explore the Anchorage area on your own, here are a few suggestions:

### The "Ulu" Factory

Visit the new Ulu (pronounced ooloo) Factory located near the Alaska Railroad Depot & Ship Creek where employees will demonstrate the many uses of these unique utensils. A special knife invented by the Inuit centuries ago, the Ulu will make the perfect Alaskan souvenir.

## Alaskan Botanical Gardens

We don't often think flowers when we hear the name Alaska, but a visit to the Alaskan Botanical Gardens will surprise you with its vast array of species native to South Central Alaska. Here you will find flowering plants and shrubs, a formal herb garden, an alpine garden, a display of wildflowers, as well as spruce and birch forest trails.

## The Alaska Zoo

The most visited attraction in Alaska, the zoo features wildlife of the Arctic and Sub-Arctic regions in a natural setting. You will find here everything from Muskox to Siberian Tigers. And for the bird lovers amongst us, the zoo has Bald Eagles, Ravens, Great Horned Owls, and Trumpeter Swans to name a few.

## The Alaska Native Medical Center Craft Shop

Learn a little about the Native methods of healing and see a wonderful selection of native crafts such as spirit masks, dolls, slippers and beadwork.

## Lake Hood Air Harbour & Alaska Aviation Heritage Museum

Here you will find vintage aircraft and discover why Alaska has one registered pilot for every 58 residents. Learn about this State's unique aviation history.

## Earthquake Park

Located at the west end on Northern Lights Boulevard, here you can see what an earthquake can do from the bottom looking up. Also connects with the Tony Knowles Coastal Trail - has a fantastic view of downtown Anchorage.

## A Few Reminders

Terri Ireland reminds us that Anchorage can be cold and damp in early May with average daily temperatures in the mid 50's. She suggests that you dress in layers (fleece is good), and bring rain gear, a hat, and comfortable shoes with an extra pair in case one gets wet. Don't forget your camera (for all those spectacular shots), binoculars, sun screen, sun glasses, - there are approximately 17 hours of daylight at this time of year - and especially, don't forget your insect repellent. The Alaskan mosquitoes are all "super-sized" and vociferous feeders - don't make yourself their lunch!



DAL SHEEP

# NEWS OF MEMBERS

Send information for publication on this page  
to: **News of Members**  
**Aerospace Medical Association**  
**320 S. Henry Street**  
**Alexandria, VA 22314-3579**  
**pday@asma.org**

**Charles R. Doarn, MBA**, Cincinnati, OH, formerly the Executive Director of the Medical Informatics and Technology Applications Consortium (MITAC), a NASA Research Partnership Center at Virginia Commonwealth University in Richmond, VA, and an Associate Professor in the Department of Surgery, has assumed a new position at the University of Cincinnati. He is now Executive Director, Center for Surgical Innovation in the Department of Surgery at the University of Cincinnati and serves as a Research Associate Professor of Surgery and Biomedical Engineering.

## Focus on Members:

### Dwight D. Holland

Dwight Holland, Ph.D. has just completed a tour of duty as an International Program Manager at the USAF Office for Scientific Research. In this role, he also supported the U.S. Navy Test Pilot School as a Crew Systems Analysis Instructor and curriculum advisor.

In the last year, he was the only officer invited to give two hour-long lectures to the USN Test Pilot School students and staff during the Safety Standdown Day, receiving a personal commendation from the Commander of the School for his teaching and curriculum work there.

In his International Office Program Management roles, Captain Holland served as the Symposium Technical Co-Chair and Senior Governmental Leadership Track Organizer for the largest, most successful International Systems Engineering Conference ever held.

In his research life, Dr Holland worked closely with national and international allied colleagues by chairing, or moderating 12 sessions on three continents, and authored/co-authored 10 refereed academic works while directly supporting colleagues' work at Walter Reed, NASA-Ames Research Center, ONR, and Brooks AFB relevant to various USAF missions.



**DWIGHT HOLLAND**

## In Memoriam

### James D. Weaver

Col. James D. Weaver, M.D., USAF(Ret), 83, Sterling, VA, died of cancer on November 15, 2003. A member of AsMA since 1965,



Weaver had been a physician and Air Force colonel who represented northwestern Pennsylvania in Congress from 1963 until 1965.

He was a native of Erie, PA, and attended the Erie Conservatory of Music and then Syracuse University. He received a medical degree from the University of Pennsylvania in 1944.

As a Republican member of the House of Representatives, he served as a delegate to the United Nations on the Commission on Science and Technology for Underdeveloped Nations. He organized a bipartisan congressional study group on the Cold War and was a medical consultant to the Warren Commission in its investigation of the assassination of President John F. Kennedy. He also served on the House Appropriations Committee and the House Science and Astronautics subcommittees on science, research and development, and on space sciences and applications.

He later became a consultant and taught in the Georgetown University medical school.

He served in the Army Medical Corps in the late 1940s and was commanding officer and chief of surgery, 382nd Station Hospital, Ascom City, Korea, 1947-48. He served as air surgeon at the National Guard Bureau at the Pentagon from 1969 to 1983, during which time the Air National Guard medical Service doubled. He had over 20 years of active duty service and remained in the Reserves until 1983. He received the National Guard Association of the U.S. Distinguished Service Medal. Among his many military honors, he received the Legion of Merit upon retirement and also received three Air Force Meritorious Service Medals, the Air Force Commendation Medal, and the Air Force Longevity of Service Medal with one oak leaf cluster. He was presented the George E. Schafer Award from the Society of U.S. Air Force Flight Surgeons, a constituent of AsMA.

In addition to AsMA, his professional memberships included the AMA and the American Academy of Family Physicians (Fellow). He was a member of the executive committee of the Association of Military Surgeons of the U.S.

### I. Louis Hoffman

Col. I. Louis Hoffman, M.D., USAF (Ret.), FACP, died December 2003, and was buried with full military honors in Arlington Cemetery. A native of Massachusetts, Dr.

Hoffman had a 30-year career as a military physician, during which he cared for President Eisenhower. He earned his M.D. degree from George Washington University in 1932, and served in the Civilian Conservation Corps from 1933-1936, where his patients were dam workers from the Tennessee Valley and road builders from Montana. He practiced medicine in Brooklyn, NY before entering the military. During his career in the military, he served in various assignments including Flight Surgeon, Sr.



Flight Surgeon, and Asst. Chief Flight Surgeon. From 1966 to 1968, he served as hospital commander at March Air Force Base in Riverside, CA. His awards include the Commendation Medal with Cluster, Unit Citation with Cluster, and Spain's Legion of Merit, which was earned in 1966 for his assistance in saving 12 Spanish military personnel who had been in an auto accident. He was a Fellow of the American College of Physicians, the American College of Preventive Medicine, and the American College of Sports Medicine. He was also a member of the Society of USAF Flight Surgeons and the Aerospace Medical Association.

## New Members

Ackerman, Brian R., Capt., USAFR, NC, West Chester, PA

Armstrong, Lori A., B.S., Gainesville, FL  
Boyd, Larry C., Cdr., MC, USNR, Denver City, TX

Brandt, Summer L., M.A., Moffett Field, CA  
Curtis, Bill B., M.D., Humble, TX  
Doan, Paul S., Lt. Col., USAF, MC, San Antonio, TX

Fajardo, Mario E., M.D., Centreville, VA  
Fontenot, Renee E., Cadet, ROTC, Baton Rouge, LA

Galloway, Carolyn S., M.D., MPH, Houston, TX

Jones, Don, B.S., Englewood, CO  
Jordan, Dennis J., Maj., USAF, NC, Scott AFB, IL

Kerstman, Eric L., M.D., Coral Springs, FL  
McCutcheon, Michael E., M.D., Placitas, NM  
McGraw, Timothy A., M.D., Anchorage, AK  
Monahan, Lawrence K., M.D., Roanoke, VA  
Oyung, Raymond L., M.S., Moffett Field, CA  
Pollan, William A., Col., USAF, MC, Choctaw, OK

Ruttan, Gregory C., M.D., Portland, OR  
Sauter, Bettina M., Lt., MC, USNR, Pensacola, FL

Souza-Farrar, Josiephina, Capt., MC, USCG, Eureka, CA

Stoneham, Emily T., Lexington Park, MD  
Weinstein, Jody M., Lt., MC, USNR, Pensacola, FL

*See NEW MEMBERS, p. 380.*

## CLASSIFIED ADS

## POSITIONS AVAILABLE

**PYHICIAN-ENGINEER**--Physicians with a degree in engineering are being sought by a growing consulting practice. Physician will be integrally involved in analyzing and determining the causal relationship between an accident event and an individual's injuries and identifying the reasons or mechanisms responsible for the injuries. Physician will utilize both medical and engineering skills in an analytical problem-solving environment. No patient care involved, consequently there are no on-call responsibilities or malpractice insurance requirements. Company offers a professional work environment, competitive starting salary, and excellent benefits including paid vacation and sick leave, 401(K) retirement/profit-sharing plan, performance bonusing, and major medical, dental, and disability insurance. For additional information, please send curriculum vitae to or contact: Biodynamic Research Corporation, Attn. Human Resource Manager, 5711 University Heights Blvd., Ste. 100, San Antonio, TX 78249, or fax 210-691-8823, or e-mail staffing@BRConline.com. Equal opportunity employer.

NEW MEMBERS, from p. 379.

Wong, David T, Capt., USAF, MC,

Honolulu, HI

Zimmerman, Tabitha A., Lt., MC, USNR,

Pensacola, FL

### International New Members

Gotardo, Milton, M.D., Sao Paulo, Brazil

Hince, Monica, M.D., Euroa, Vic., Australia

Kloppers, Betsie H., MBChB, Pretoria,

Gauteng, South Africa

Walters, Patricia L., Maj., MC, RAMC,

Hampshire, UK

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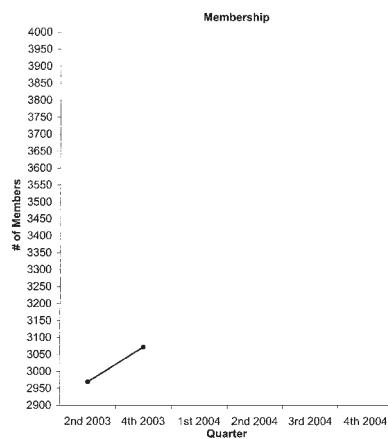
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## I WANT YOU

...to get one new member in 2004.

AsMA membership has been fairly level for the past several years, but we can do better. If each of us gets just one member in 2004, this will double our active rolls. This is achievable. Either get a new member among your colleagues or consider buying a membership as a gift for a student or colleague. Our membership will be published in this column quarterly so we can all track our progress. Our start line as of June 2003 is 2,969. At the end of 2003 we reached 3072. As an interim target, let's get 4,000 members by 2005!

**Russell B. Rayman, M.D.**  
**Executive Director**



### AsMA CORPORATE & SUSTAINING MEMBERS

*The financial resources of individual members alone cannot sustain the Association's pursuit of its broad national goals and objectives. Its 75-year history is documented by innumerable medical contributions toward flying health and safety that have become daily expectations by the world's entire flying population—commercial, military, and private aviation. However, support from private and industrial sources is essential. The following organizations, who share the Association's objectives or have benefitted from its past or current activities, have affirmed their support of the Association through Corporate Membership.*

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Latecoere International, Inc.  
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OSU-Center for Aerospace and Hyperbaric Medicine  
Pilot Medical Solutions  
SAIC  
Scandinavian Airlines System  
Schering-Plough Corporation  
South African Airways  
Stereo Optical Company, Inc.  
The First Call  
United Airlines  
United States Aviation Underwriters  
Universities Space Research Association (USRA-DSLS)  
Harvey W. Watt & Company  
World Aviation Systems, Inc.  
Wound Specialty Associates, P.A.  
Wyle Laboratories, Inc.

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### Reminder for Prospective Associate Fellows

The Chair of the Associate Fellows Group reminds prospective Associate Fellows that their applications must be received by August 1 each year in order to be considered for the annual selection.

Update forms are available from the Home Office and at the Annual Meeting.

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