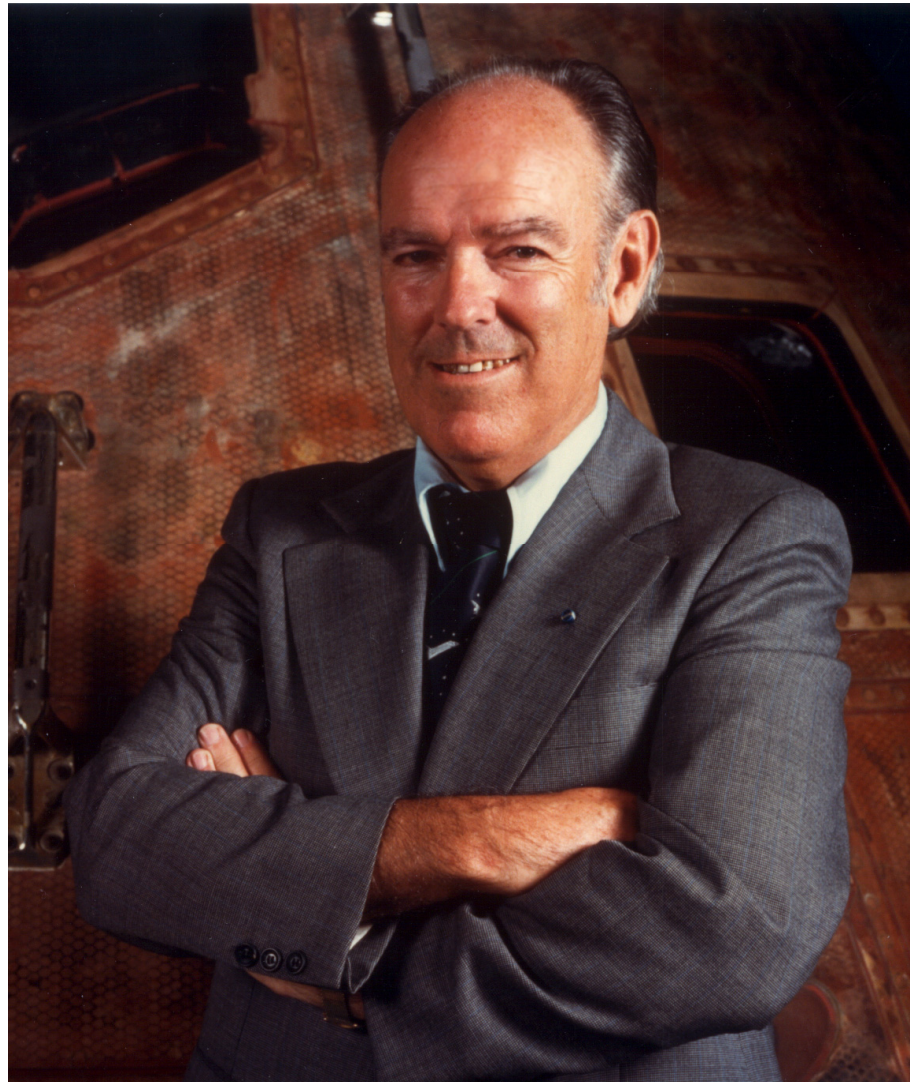


# **AsHFA Luncheon & Business Meeting**

**Monday, May 4, 2009  
12:00 to 2:00 p.m.**

**The Westin Bonaventure Hotel  
Beaudry B Room**



**Stanley R. Mohler, M.D., M.A.**

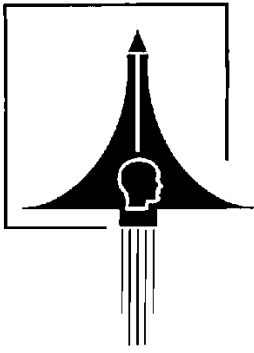
**2008 Henry L. Taylor Founder's  
Award Recipient**

**AEROSPACE HUMAN FACTORS ASSOCIATION  
OFFICERS 2008–2009**

<b>President</b>	<b>Larry L. Bailey, Ph.D.</b>
<b>Immediate Past President</b>	<b>Ronald B. Hoffman, Ph.D.</b>
<b>President-Elect</b>	<b>Carla A. Hackworth, Ph.D.</b>
<b>Secretary</b>	<b>David J. Schroeder, Ph.D.</b>
<b>Representative to AsMA Council (2008-2010)</b>	<b>Raymond E. King, Psy.D.</b>
<b>Representative to AsMA Nominations Committee</b>	<b>David F. Neri, Ph.D.</b>
<b>Member-At-Large (2006-2009)</b>	<b>Dwight A. Holland, M.D., Ph.D.</b>
<b>Member-At-Large (2007-2010)</b>	<b>Veronika O. Prinzo, Ph.D.</b>
<b>Member-At-Large (2008-2011)</b>	<b>Eduard M. Ricaurte, M.D., M.S.</b>

**Committee Chairpersons**

<b>Membership, Treasurer, Directory Committee</b>	<b>Thomas E. Nesthus, Ph.D.</b>
<b>Program Committee</b>	<b>Carla A. Hackworth, Ph.D.</b>
<b>Publicity Committee</b>	<b>Larry L. Bailey, Ph.D.</b>



## **Aerospace Human Factors Association President's Welcome**

Welcome to sunny California and the 18th Annual AsHFA Luncheon and Business Meeting. I was trying to think of the last time ASMA met in Los Angeles and I think it was our Anaheim meeting in 1995. I think that I was 12 then.

A lot of changes have occurred since our last AsHF meeting; perhaps the most significant is the down-turn of the world economy. If we ever needed an example of how interconnected we are as a people, surely the current financial crisis illustrates that point.

As painful as it is, these days may be marking the transition into a new era of global cooperation.

Speaking of cooperation, now would be a good time to reflect on your involvement with AsHFA. A number of members have been presenting ideas for improving AsHFA and we would like to discuss some of these ideas with you during our Wednesday business meeting from 3:00-4:00 in the San Bernardino Room. During the Wednesday meeting we will also be discussing topics for future panels, and nominations for AsHFA Officers. Concerning the latter, you need not wait until you receive an email asking for your nominations. You can nominate people today. Simply write down your nominations for President and Member at Large. We will have a ballot box located at the AsHFA table. Just drop your nominations in the box when you come by to pay your AsHFA dues.

I wish to thank the people who have worked with me during my year as AsHFA President. As my term ends, Carla Hackworth's term begins. I know she has plans for an exciting year and I look forward to working with her to help her accomplish her goals for the organization.

- Larry

## Luncheon Agenda

Welcome and Introduction

Lunch

Call to Order

President's Opening Remarks

By-laws/Constitution Revisions and Vote

Secretary Report

Committee Chair Reports:

Membership/Treasurer/Directory

Representative to the AsMA Council

Program

Fellows

Newsletter

Student

Nominations/Elections

2009 Award Announcements:

Henry L. Taylor Founder's Award

Stanley N. Roscoe Award

William E. Collins Award

2008 Henry L. Taylor Founder's Award Recipient: Stanley R. Mohler, M.D.  
"The Virtual Crew Member AKA Digital Crew Member"

Introduction of the President for the 2009-2010 term

### Panels Co-Sponsored by AsHFA

	<b>When</b>	<b>Location</b>
Enhancing Astronaut Performance During Spaceflight using Human Centered Technologies Chairs: M. Mallis and D. Schroeder	Monday 4:00 pm	San Francisco
General Aviation Encounters with Adverse Weather: A Different Perspective Chairs: S. Shappell and C. Hackworth	Tuesday 8:30 am	Avalon
Human Factors in the NextGen System Chair: J. Crutchfield	Thursday 10:30 am	Sacramento

	<b>When</b>	<b>Location</b>
<b>Next AsHFA Meeting</b>	Wednesday 3:00-4:00pm	San Bernardino
<b>Human Factors Committee Meeting</b>	Wednesday 4:00-5:00pm	San Bernardino

## **Stanley R. Mohler, M.D., M.A.**

Dr. Mohler is Professor Emeritus, Aerospace Medicine, Wright State University, Dayton, Ohio. He joined Wright State University in 1978 as Professor and Vice Chair, Department of Community Medicine, and as the first Director of the new Aerospace Medicine Residency Program. He became emeritus in 2004 and continues to teach and participate in academic activities as requested.

Prior to joining Wright State University, Dr. Mohler was Chief, Aeromedical Applications Division, Office of Aviation Medicine, Federal Aviation Administration, Washington, D.C. (1966-78), Director of the Civil Aeromedical Research Institute, FAA, Oklahoma City, OK (1961-66), Medical Officer, Center for Aging Research, National Institutes of Health, Bethesda, MD (1957-61), Intern, USPHS Hospital, San Francisco, CA (1956-57), University of Texas Medical Branch, Galveston, TX (1951-56, M.A., M.D. degrees). While at the FAA Institute, he received through the FAA Academy the multi-engine and instrument ratings plus the commercial pilot certificate. While at the FAA, Washington, D.C., he received the airline transport pilot and flight instructor certificates. He has logged in excess of 3,000 flight hours.

Professional organizations included the Aerospace Medical Association, the Aerospace Human Factors Association, and the International Academy of Aviation and Space Medicine. He served as President of the Aerospace Medical Association (1983-84) and as Secretary Treasurer of the American Board of Preventive Medicine (1980-92). He was certified in aerospace medicine by the Board in 1968.

Among the awards received are the Marie Marvingt Award, French Society of Aerospace Medicine and the Aerospace Medical Association (2006), the Louis H. Baurer Founders Award of the Aerospace Medical Association (1998), the Cecil A. Bronwnlow Award, of the Flight Safety Foundation (1998), the Hubertus Strughold Award of the Space Medicine Branch (1991), the Laurence P. Sharples Award, AOPA (1984), the Theodore C. Lyster Award, Aerospace Medical Association (1984), the Harry G. Moseley Award, Aerospace Medical Association (1974), the Meritorious Service Award (Silver Medal), Federal Aviation Administration (1971) and the Walter M. Boothby Award, Aerospace Medical Association and the Aviation Insurance Agency (1966). Co-winner, Life Sciences Book Award, Space Biology and Medicine Volumes, with Drs. A. Nicogossian, O. Gizenko, and A. Grigoriev, International Academy of Astronautics (1995).

Dr. Mohler has published two books, one with Bob H. Johnson on Wiley Post's world flights and development of the pressure suit, Smithsonian Institution Press (1971), and the other on Medication and Flying: A Pilot's Guide, Boston Publishing Co. (1982). He has also published more than 200 papers and several book chapters, most dealing with aerospace medical, flight safety and human factors topics.

AsHFA Thanks **The UNIVERSITY of ILLINOIS INSTITUTE OF AVIATION** for sponsorship of the Henry L. Taylor Founder's Award and Stanley N. Roscoe Award.

### **The Henry L. Taylor Founder's Award**

The University of Illinois Institute of Aviation established an Aerospace Human Factors Association endowment to fund the **Henry L. Taylor Founder's Award**, given in recognition of outstanding contributions in the field of Aerospace Human Factors. The Aerospace Human Factors Association annually presents this award to an individual meeting the following criteria: (1) research and publications; (2) special original contributions (e.g., equipment, techniques, and procedures); or (3) general leadership in the field (e.g., teacher, director of laboratory, officer scientific societies, etc.). The Institute of Aviation provides a \$500.00 honorarium to the selected recipient who will provide a luncheon presentation during the year following their award announcement.

This year's recipient: **Malcolm M. Cohen, Ph.D.**

Previous recipients of the Henry L. Taylor Founder's Award are:

2008	Stanley Mohler, M.D.	2003	No Recipient
2007	James C. Miller, Ph.D	2002	Henry W. Mertens, Ph.D.
2006	Glenn F. Wilson, Ph.D.	2001	Charles E. Billings, M.D.
2005	William B. Albery, Ph.D.	2000	David J. Schroeder, Ph.D.
2004	William F. Storm, Ph.D.	1999	Christopher D. Wickens, Ph.D.

### **The Paul T. Hansen Award**

Before the Henry L. Taylor Founder's Award was instituted in 1999, the **Paul T. Hansen Award** was granted to the following recipients:

1998	William E. Collins	1995	Laurence R. Young
1997	Henry L. Taylor	1994	Stanley N. Roscoe
1996	James P. Bagian		

### **The Stanley N. Roscoe Award**

The **Stanley N. Roscoe Award** is presented for the best Doctoral Dissertation written in a research area related to Aerospace Human Factors. This award includes an honorarium of \$500.00. Criteria include (a) significance of the problem and innovativeness of the approach; (b) review of related research; (c) effectiveness of the research design and analysis; (d) interpretation of results; (e) theoretical and practical value of the work; and (f) clarity of writing.

This year's recipient: **Melanie D. LeGoullon**, Ph.D. for "Resumption Errors Following an Interruption in a Hierarchically Structured Task With Novices and Experts."

Previous recipients of the Stanley N. Roscoe Award are:

2008	Joseph C. Jenkins	2000	Major Wesley A. Olson
2007	Alison Tollner Burngasser	1999	Patricia May Ververs
2006	Juliana Goh	1998	Kara Latorella
2005	Terry Von Thaden	1997	David Merwin
2004	Michael S. Stephens	1996	Nadine B. Sarter
2003	Edward S. Eveland	1995	Joseph P. Cammarota
2002	Dwight A. Holland	1994	Kathleen L. McFadden
2001	Kristen K. Liggett		

Much appreciation is extended to  
**Those making donations**  
For Sponsorship of the William E. Collins Award

The **William E. Collins Award** is presented for the "Outstanding Human Factors Publication of the Year" for work *completed during the previous calendar year*. This award includes a plaque and an honorarium of \$500.00 for the first author and certificates for the coauthors. Publications considered for the Collins award are limited to peer-reviewed papers and do not include books, book chapters, proceedings, technical reports, abstracts, or presentations. Criteria for judging the publication award includes (a) scientific quality (i.e., significance of the problem, innovativeness of the approach, review of related research, effectiveness of the research design and analysis, interpretation of results, and clarity of writing), (b) relevance to advancing the scientific field of human factors, and (c) utility and ease of application to practitioners in the field of human factors.

This year's recipient: **Jeffery K. Hovis** for "Repeatability of the Holmes-Wright Type A lantern color vision test. *Aviat Space Environ Med* 2008; 79: 1028–33.

The previous recipients of the William E. Collins Award are:

- 2008 William F. Storm, D.R. Eddy, C.B. Welch, P.A. Hickey, J. Fischer, and R. Cardenas. Cognitive Performance Following Premature Awakening from Zolpidem or Melatonin Induced Daytime Sleep. *Aviation, Space, and Environmental Medicine*, 78(1), 10-20.
- 2007 Mark Rosekind, K. Gregory, and M. Mallis. Alertness Management in Aviation Operations: Enhancing Performance and Sleep. *Aviation, Space, and Environmental Medicine*, 77(12), 1256-65.
- 2006 Michel Paul, M. MacLellan, and G. Gray. Motion-sickness medications for aircrew: impact on psychomotor performance. *Aviation, Space, and Environmental Medicine*, 76(6), 560-5.

- 2005 Michel Paul, G. Gray, M. MacLellan, and R.A. Pigeau. Sleep-Inducing Pharmaceuticals: A Comparison of Melatonin, Zaleplon, Zopiclone, and Temazepam. *Aviation, Space, and Environmental Medicine*, 75(6), 512-19.
- 2004 Glenn F. Wilson and Chris A. Russell. Operator Functional State Classification Using Multiple Psychophysiological Features in an Air Traffic Control Task. *Human Factors*, 45(3), 381-389.
- 2003 (1) David Neri, Raymond Oyung, Laura Colletti, Melissa Mallis, Patricia Tam, and David Dinges. Controlled Breaks as a Fatigue Countermeasure on the Flight Deck. *Aviation, Space, and Environmental Medicine*, 73(7), 654-664. and,
- 2003 (2) Douglas Wiegmann. Agreeing with Automated Diagnostic Aids: A Study of Users' Concurrence Strategies. *Human Factors*, 44(1), 44-50.
- 2002 Scott Shappell & Douglas Wiegmann. Applying Reason: The Human Factors Analysis and Classification System (HFACS). *Human Factors and Aerospace Safety*, 1, 59-86.

### AsHFA Past Presidents

Ronald B. Hoffman (2007-08)	Henry W. Mertens (1998-99)
James R. DeVoll (2006-07)	Andrew H. Bellenkes (1997-98)
Raymond E. King (2005-06)	Carol A. Manning (1996-97)
David F. Neri (2004-05)	Kent Kimball (1995-96)
Douglas A. Wiegmann (2003-04)	David J. Schroeder (1994-95)
Thomas E. Nesthus (2002-03)	David Jones (1993-94)
Scott A. Shappell (2001-02)	Malcolm Cohen (1992-93)
Pamela S. Della Rocco (2000-01)	Henry L. Taylor (1990-92)
Robert S. Kennedy (1999-00)	

### AsHFA Fellows

Albery, William	Ercoline, William	Nesthus, Thomas
Alkov, Robert	Hoffman, Ronald	Pongratz, Hans
Austin, Frank	Jones, David	Rohles, Jr. Frederick
Bailey, Larry	Kakimoto, Yukiko	Samel, Alexander
Bellenkes, Andrew	Kennedy, Robert	Schroeder, David
Billings, Charles	Kimball, Kent	Shappell, Scott
Chelette, Tamara	King, Raymond	Singer, Timothy
Choisser, Donald	Lederer, Jerome	Taylor, Henry
Cohen, Malcolm	Lilienthal, Michael	Tripp, Lloyd
Collins, William	Manning, Carol	Voge, Victoria
Cowings, Patrica	Mertens, Henry	Wiegmann, Douglas
Della Rocco, Pamela	Montgomery, Robert Jr.	White, Stanley
Draeger, Joerg	Neri, David	Wilson, Glenn