



Newsletter

Volume 35, Number 6, March 2005

Blazing a Trail for Women Aviators

Mary (Missy) Cummings

Boeing Assistant Professor in the Aeronautics & Astronautics Department at the Massachusetts Institute of Technology

One of the U.S. Navy's first female fighter pilots, Missy Cummings will discuss her career progression from a small town southern belle to the military warrior ranks, and how this amazing experience led to a career as an engineering professor. She will emphasize her lessons learned and how they apply to careers in engineering, and will conclude with a motivational discussion of how every individual can achieve their true potential.

Biography:

Mary (Missy) Cummings received her B.S. in Mathematics from the United States Naval Academy in 1988, her M.S. in Space Systems Engineering from the Naval Postgraduate School in 1994, and her Ph.D. in Systems Engineering from the University of Virginia in 2003. A naval officer and military pilot from 1988-1999, she was one of the Navy's first female fighter pilots. She is currently the Boeing Assistant Professor in the Aeronautics & Astronautics Department at the Massachusetts Institute of Technology. Her previous teaching experience includes instructing for the U.S. Navy at Pennsylvania State University and as an assistant professor for the Virginia Tech Engineering Fundamentals Division. Her research interests include supervisory control, human interaction with autonomous vehicle systems, humans and automation, decision support design, human-computer interaction, and the ethical and social impact of technology.

<http://web.mit.edu/aeroastro/www/people/missyc/>



Joint AIAA/SFTE Lecture - Dinner Meeting

Date: **Thursday, March 17, 2005**
Place: Old Spaghetti Factory 2801 Elliott Ave, Seattle, WA 98121
Time: 6:00 PM Social, No-Host Bar
6:30 PM Dinner (lasagna, spaghetti, or chicken Caesar salad)
7:00 PM Program

Dinner Price:

\$15 AIAA/SFTE Members and Guests

\$18 Non-Members

\$5 Students and Educator Associates

Program Only: **\$5** (Free for persons 17 and under)

Please Note: New Signup Options via our new website

AIAA Sign up online at <http://www.pnwaiaa.org> -> reservations
Or send email to reservations@pnwaiaa.org (including meal choice)
You will receive a confirmation e-mail.
Or call **David Lednicer** at (425) 643-9090
SFTE Mike Bartlett - michael.f.bartlett@boeing.com
Please make reservations by Monday, March 14th
A reservation is a commitment to pay!

Annual Billiards Social at Jillian's
Sponsored by the Young Professionals Committee of the PNW AIAA Section

American Institute of Aeronautics and Astronautics
Pacific Northwest Section

Invites you to:
An Evening of Pool

at



731 Westlake Ave N
Seattle, WA

The Young Professionals Committee invites all section members to the 4th annual Billiards Social on Tuesday, April 5, 2005. Located once again at Jillian's Billiards on the south end of Lake Union in Seattle, WA, the event will begin at 6:00 pm and end at 9:00 pm. Fierce competition among members is expected (although we would like to return in 2006). An assortment of bar food will be served as well as soft drinks.

Rates will be as follows: Member: \$10, Student: \$5, Non-Member: \$15. Guest of members are welcome (same price as accompanying person).

Please RSVP with Emmanuel Domingo at e_domingo@hotmail.com with "Jillians" in the subject field no later than March 28th

Sortie

A word from the French: "sortie" refers to a single flight of an airplane on a combat mission. Since the word means "to go out," the squadron bean-counters apparently didn't get as much credit from management for the airplanes that also made it back. In Medieval times, those in a castle under siege would at times send out a force in a "sortie" to attack their besiegers. The exits off the French auto-routes are now marked as "sorties."

PNW Aerospace Timeline

Dinner Meeting and Lecture

March 17

Topic: Blazing a Trail for Women Aviators with Missy Cummings
Date/Time: .6:00 social; 7:00 presentation
Location: The Old Spaghetti Factory, 2801 Elliott Ave, Seattle

Retired Members Brunch

March 19th

Speaker:
Date/Time: March 19, 9:00AM
Location: Museum of Flight, Seattle
Contact: Tom Holgate 253-838-0333

Section Election

Dave Paisley
PNW Section Chair

Election Season Is Here.

The AIAA Pacific Northwest Section is seeking candidates for five Section Elected Offices.

We need candidates for these five positions; Vice Chair Elect, Treasurer Elect, Secretary Elect and two Advisory Council positions. The deadline for nominations is **Monday March 21**. Self Nominations are welcome. Elections will be conducted via the April newsletter.

The Secretary Elect and Treasurer Elect positions are in essence shadow positions for a year (so you get to figure out everything you need to know) followed by a year of service in that position. The Vice Chair Elect goes on to be Vice Chair and then Chair of the section, so that is essentially a three year commitment.

From young professional to seasoned retiree, any current member is eligible to run for office. Participating in the Section Leadership really is rewarding. If you have ever considered getting involved, now is the time to act. Please call or email me or one of the council members. Even if you ultimately decide not to run for an office, we have other ways in which you can participate and help our section fulfill its potential.

Contact Vera Martinovich (425-266-8664) or vera.a.martinovich@boeing.com for further details.

Retiree Brunch Presents:

**The Impact of Automatic Controls and Computers on Aircraft Design and Flight Management
-An Early 21 st Century Perspective**

With Dave Petrie

March 19 at the Museum of Flight.

In Dave's 35 years in aerospace research and development, his most memorable accomplishments were showing how full-time automatic flight controls permitted configurations that had static instabilities, and as Task Force Leader of the pioneering development of the Flight Management System, now commonplace on every modern airplane

\$17 per person, advance notice necessary.

Section Officer Changes

The last couple of months have seen a couple of changes in our section leadership. Due to personal circumstances, Eric Lund was unable to continue as section treasurer, and so Andrew McComas (treasurer-elect) graciously stepped up a few months early. I and the rest of the section leadership thank Eric for his service and wish him well with his new responsibilities.

Shortly after that, Paul Bolds-Moorehead let me know he would be unable to continue as Vice-Chair Elect (and subsequently Vice Chair and Chair) so I invited Paul Kostek, who also ran for the office on last year's ballot, to step in. Paul has graciously accepted and is now on board. I thank Paul Moorehead for all his service to the section over the past few years (including two years as treasurer) and wish him well.

Dave Paisley, PNW Section Chair

Section website: <http://www.pnwaiaa.org/>
 National website: <http://www.aiaa.org>

Please submit newsletter materials to the editor by the 21st of March for the April Newsletter.

Outstanding Section Awards
 1972-1973
 1977-1978
 1978-1979
 1991-1992
 1993-1994
 1994-1995
Section Special Event Awards
 1976-1977
 1977-1987
 1978-1979
 1982-1983
 1987-1988

Membership Award
 1997-1998
Young Member
Activity Awards
 1990-1991
 1991-1992
 1994-1995
 1995-1996
Career Enhancement Award
 1997-1998
Newsletter Awards
 1994-1995
 1995-1996
 1996-1997

A PUBLICATION OF AIAA THE PACIFIC NORTHWEST SECTION
Address Corrections

Send to: **AIAA**
1801 Alexander Bell Dr.
Reston, VA 22091

Now make corrections on-line at
<http://www.aiaa.org>
 (Join/Renew/Update). Membership ID needed

Section Officers and Directors

Position	Name	Address (Mail stop if Boeing*)	Phone	Email address
Council				
Chairman	Dave Paisley	0R-MP	425-717-5691	david.j.paisley@boeing.com
Vice-Chairman	Dave Lednicer	2133 152nd Ave NE/Redmond, WA 98052	206/746-1299	dave@amiwest.com
Secretary	Jon Lee	02-XJ	425-71705529	jonathan.p.lee@boeing.com
Treasurer	Andrew McComas	2133 152nd Ave NE/Redmond, WA 98052	425-643-9090	mccomas@amiwest.com
Advisory Council	Martin Gibbins	4E-11	206-655-2727	martin.n.gibbins@boeing.com
Advisory Council	Scott Eberhardt	P.O. Box 352400, UW, Seattle, WA 98195	206-543-6508	scott@aa.washington.edu
Advisory Council	Doug Ball	67-LH	425-234-1016	douglas.n.ball@boeing.com
Advisory Council	Kari Seppanen	14-KF	206-655-3356	kari.j.seppanen@boeing.com
Past Chairman	Vera Martinovich	02-XJ	425-266-8664	vera.a.martinovich@boeing.com
Elected, non-voting				
Vice-Chairman-Elect	Paul Kostek	84-74	253-657-0542	paul.j.kostek@boeing.com
Secretary-Elect	Monica Alcabin	8J-95	253-657-3342	monica.s.alcabin@boeing.com
Treasurer-Elect				
Appointed				
Webmaster	Jane Kuta	8A-94	253-773-5759	jane.f.kuta@boeing.com
Honors & Awards	Scott Eberhardt	P.O. Box 352400, UW, Seattle, WA 98195	206-543-6508	scott@aa.washington.edu
Retired Members	Tom Holgate	2704 SW 314th, Federal Way, WA 98023-7842	253-838-0333	holgatz@aol.com
Newsletter	Open			
Nominations	Vera Martinovich	02-XJ	425-266-8664	vera.a.martinovich@boeing.com
Museum of Flight Liaison	Open			
Pre-College Outreach	Scott Eberhardt	P.O. Box 352400, UW, Seattle, WA 98195	206-543-6508	scott@aa.washington.edu
Public Policy	Karl D'Ambrosio	5026 18 th Avenue NE, Seattle, WA 98105	253-395-3710	karld@emfcowa.com
Young Professionals	Emmanuel Domingo	03-JP	206 227-7819	emmanuel.m.domingo@boeing.com

* All Boeing people have the address of P.O. Box 3707, Mail Code xx-xx, Seattle, WA 98124-2207



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