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**Volume I, Issue I    October- November 1999**

## ***FROM THE FLIGHT DECK***

**-- Byron Lowry, Section Chair 1999-2000**

Here again is a new AIAA council year and my turn to be your San Diego Section Chair. I am hoping to build on the successes of my predecessor Mike Lazar and the work he did last year. Our council is here to serve our members with programs we hope will maintain a high level of professional interest to the wide cross section of members in our San Diego Section. We enjoy the benefit of experience from several returning council members, some of which have served in elected positions in the council and have continued to lend their time and experience to us. We also have some enthusiastic new members in our council that will help maintain a flow of new ideas and hopefully remain as productive future leaders of our section. Our new council members include Keith Glassman returning as Secretary, Tom Chandik as our Public Policy director, Sunshine Russell as our Young Members Representative, Tracie Okada returns to the council to work with Chris Root on the fliers and newsletters. The newly elected Student Section chairs are Josh Hu at UCSD and Rich Gunderson at SDSU. Additionally, Tim Lo will be the Student Conference Chair at SDSU this year. Dan Selters joins us as Internet Webmaster.

As we look forward to this council year we are in the process of establishing a calendar of events. As in past years we are looking to continue the successful relationship we enjoy with other societies in the San Diego area such as the Historical Lecture Series sponsored jointly with the San Diego Aerospace Museum, the National Engineering Week (NEW) festivities, and our relationships with the American Society of Mechanical Engineers (ASME) and the Society for the Advancement of Materials and Process Engineering (SAMPE). In addition to our close support of the two university Student Sections, at UCSD and SDSU, we will be playing a key role to support the SDSU Student Section as they host next year's AIAA Regional Student Conference in April. This conference will require planning and participation by a wide range of our members. It has been quite some time since San Diego has acted as host to a student conference and our council is strongly committed to support the students in this. After all, it is where we'll expect to gain future leaders to carry on.

Elsewhere in this issue of our newsletter you will see a tentative calendar of this year's events. As in the past we try to maintain a variety of events with an eye towards the interests of our members, keeping the costs to a reasonable level and a mix of technical and entertaining programs. A listing of all our council members is also included in this newsletter. We are all open to suggestions, contributions of program ideas, and of course volunteers to help at our events and serve on the council.

We are also in the process of expanding our Internet and E-mail capability to facilitate communication with you. We have already enjoyed some success at E-mail reservations for Section events and expect our Web Page to be online soon with a host of feature of use to you. For those of you without E-mail access, we certainly do not plan to forget you. You can expect the mail to keep coming.

I am looking forward to serving you as Section Chair. I welcome your comments, suggestion and concerns. Introduce yourself at our functions, or call me at (619) 435-4327, E-mail at [byron.lowry@lmco.com](mailto:byron.lowry@lmco.com) or write to our P.O. Box so we can build a successful year.

**American Institute of Aeronautics and Astronautics –San Diego Section- P.O. Box 881464 – San Diego CA 92168**

## **Council Member Spotlight**

**Mr. Tom Chandik**, has joined the San Diego Council as our Public Policy Chairperson for 1999-2000. Tom has been a member of the AIAA since 1965; his current status is Associate Fellow.

Mr. Chandik was born in Chicago and attended Purdue University. He graduated in 1966 with a BSAE. His honors included Outstanding Student 1963 and Honorary Engineering Fraternities Tau Beta Pi and Sigma Gamma Tau. Tom continued graduate studies at Purdue, UCSD, UCLA and SDSU while moving to San Diego to accept a position at General Dynamics.

Tom has worked in various engineering positions at the Convair and Space Systems Divisions of General Dynamics for 29 years. He retired in 1995 as a Senior Project Manager. His primary Focus has been in missile design systems, mission trajectory/design, launch mission operations and flight mechanics. He then moved on to senior staff and program management positions during the last ten years of his career.

Mr. Chandik has been a resident of San Diego since 1966 and is married to Syble.

## TC COMMITTEES ARE LOOKING FOR NEW MEMBERS!

AIAA has opened membership nominations for its 65 Technical Committees for 2000/2001 term, beginning *May 1, 2000*. The Technical Committees (TCs) are the real engine of AIAA's technical activities. The committees cover all technical interest of the institute. TCs agenda and activities are formulated by their members. To encourage the participation of Young Professional members in TCs' activities, a *non-voting associate* membership category has been established for young professionals who have not yet reached their *35th birthdays*.

The following is a list of San Diego Section members who serve in TC Committees:

**Ahn, Sam** - (Digital Avionics)

**Butler, Geoffrey** - (Missile Systems)

**Chana, William** - (History, Affiliation: William Chana and Associates Inc.)

**Dodson, Kelly** - (Sensor Systems)

**Geiser, Paul** - (Digital Avionics)

**Jensen, Todd** - (Survivability, Affiliation: The Boeing Company)

**Kosmatka, John** - (Structural Dynamics, Affiliation: University of California, San Diego)

**Kuhn, Richard** - (V/STOL Aircraft System, Affiliation: Retired )

**Mandell, Myron** - (Plasmadynamics and Lasers)

**Recks, Robert** - (Lighter-Than-Air-Systems, Affiliation: Retired)

**Stern, Theodore** - (Aerospace Power System, Affiliation: Composite Optics)

**Van Inwegen, Earl** - (Information and Command & Control Systems, Affiliation: TRW Inc.)

It is noteworthy to mention other Southern California sections that have TC representatives: Antelope Valley (33), China Lake (9), Los Angeles (99), Orange County (51), Sacramento (14), San Fernando Valley (23), San Francisco (85), San Gabriel Valley (32), and Vandenberg (9).

The San Diego Section, strongly encourages its member base to take advantage of this unique opportunity to nominate themselves and to encourage their professional friends, colleagues, and graduate-students to do the same. The due date for nominations is **November 1, 1999**. For more information contact Majid Kabiri, at kabiri@ibm.net or Emily Davies at (703) 264-7533, Fax ( 703 ) 264-7551 , or by e-mail emily@aiaa.org or look at the September 1999 issue of AEROSPACEAMERICA.

## AIAA STUDENT CHAPTER NEWS

**SDSU** - Big things are happening out at SDSU this school year. The SDSU Student Chapter of AIAA is going to host AIAA's Region VI Student Conference scheduled for April 7-9, 2000. This means a lot of work for the AIAA Faculty Advisor, AIAA Student Chapter, and AIAA Professional Section; however it is for a very worthwhile cause. It is expected that approximately 50-70 students and 6-12 faculty members from various University's in the Western region will descend upon San Diego for this 3 day event. The San Diego Professional Section is in the planning stages for a special Saturday evening event for both our members and the Conference attendees; expect more information in the near future. In addition, AIAA will be looking to its professional membership to serve as Technical Judges for either the written papers or oral presentations. If you are interested in assisting with conference preparations or serving as a judge, please contact George Faulkner, AIAA Faculty Advisor. See Council Roster on back page for contact information.

**UCSD** - This year's Kick-off meeting was held October 13 at UCSD's Price Center Cove Room where a packed room of both student and professional members heard an eye-opening lecture entitled *Braking the F-117 Stealth Fighter -A Technical Overview of Ongoing Improvements* by James E. "JB" Brown, F-117A Experimental Test Pilot, Lockheed Martin SKUNK WORKS. The student chapter looked as if they picked up 10 new members that evening to bring their total membership to approximately 46. Way to go UCSD! The student chapter also announced their intention to enter into AIAA's Design, Build and Fly Contest and were successful in getting some professional members interested in serving as advisors.

## AIAA SAN DIEGO SECTION CALENDAR

### **October 1999**

- 2 RAC VI Meeting, Manhattan Beach
- 9. Aircraft Carrier Tour, USS JOHN STENNIS,  
NAS - North Island
- 13 Student Section, UCSD Kick-off Meeting, James Brown III, F-117 Test  
Pilot
- 16. SDAM – Historical Lecture Series, Lynn Ripplemeyer

### **November 1999**

9. SDAM – Historical Lecture Series, Ellen Paneok

18 Facility Tour, Program Briefing, Lockheed Martin Astronautics, Jay Stoneburner

TBD Student Section, SDSU Meeting

**December 1999**

1. SDAM – Historical Lecture Series, Marie and Elgin Long

5. Aircraft Carrier Tour, USS JOHN STENNIS,

NAS - North Island (Encore)

TBD Field Trip, Boeing – Long Beach

**January 2000**

TBD High Desert Field Trip, Fri/Sat., Palmdale – Mojave

TBD Dinner Meeting – AIAA Distinguished Lecturer, TBD

**February 2000**

20-26 National Engineers Week

**March 2000**

TBD Dinner Meeting, SD Section Local Distinguished Lecturer

**April 2000**

7-9 AIAA Regional Student Conference, SDSU

TBD Science Fair

**May 2000**

TBD SD Section Awards Dinner, AIAA Distinguished Lecturer

*More events to be announced as they develop*

*Stay Tuned!*

## **MEMBERSHIP NEWS**

Section membership stands at 466 as of September 1st. We would like to welcome the following members to the San Diego Section:

### New Members

Russel Black

Glenn Flaherty, L-3 Communications

Byron Frankberger, L-3 Communications

Donald Harder, SPAWAR

Ryan Pfeiffer

Sonya Porth, Photon Research Assoc.

Rosa Weber, Honeywell Inc.

### Transfers-in

Capt. Henry Davies, Retired

Dr. Howard Dixson, Retired

Joseph Hayden

Daniel Henke, United Technologies Corp

Elmer Lammon, Aerostructures Inc

Dr. Myron Mandell, Maxwell Technologies

LCDR Louis Partida, Dept of the Navy

Philip Pressel, Retired

If you have moved or changed jobs recently, please call the **AIAA Headquarters Customer Service Center at 1-800-NEW-AIAA** and provide them with the current information. You may also renew your membership via telephone at the same phone number, using a credit card. If you have become unemployed or retired, you may renew your membership at a lower rate.

## **HOW DO YOUR DUES COMPARE?**

Your \$75 annual dues make up 18% of AIAA's Revenue. Over \$7 of your yearly dues goes directly to the local section. Is \$75 a lot of money? Compare the cost of AIAA membership to that of other engineering societies:

### **Organization    Yearly Dues**

*Society of Automotive Engineers*    \$80

*Acoustical Society of America*    \$100

ASME \$105

IEEE \$113

National Society of Professional Engrs \$172

And what do you get for your \$75? Car rental discounts, a premium credit card, a high yield money market account, and group life insurance are available in addition to a wealth of technical publications and services. For details, check out [www.aiaa.org/information/professional/member-benefits.html](http://www.aiaa.org/information/professional/member-benefits.html). Further AIAA Financial information is available at [www.aiaa.org/images/pdf/finance/pdf](http://www.aiaa.org/images/pdf/finance/pdf).

**UPGRADE YOUR AIAA MEMBERSHIP:** If you are an eligible section member who would like to upgrade your membership to Senior Member, Associate Fellow, or Fellow grade; or if you would like to determine your current status/eligibility status then you should contact Mr. James Peterson, San Diego Section Membership Chair for more information. See the Council Roster on last page for Jim's contact information.

## AIAA San Diego Section Council 1999 – 2000

Position	Name/Company	Work Phone/Fax	Email Address
Chair	Byron Lowry, Lockheed Martin Fed Sys	(619) 435-4327	<a href="mailto:Byron.lowry@lmco.com">Byron.lowry@lmco.com</a>
Vice Chair - Planning	Penelope Ulander, Naval Aviation Depot, NI	(619) 545-3935	<a href="mailto:Ulanderpi@navair.navy.mil">Ulanderpi@navair.navy.mil</a>
Vice Chair - Technical	Majid Kabiri Consultant	(619) 447-5802	<a href="mailto:Kabiri@ibm.net">Kabiri@ibm.net</a>
Secretary	Keith Glassman, Naval Aviation Depot, NI	(619) 545-3736	<a href="mailto:GlassmanKF@navair.navy.mil">GlassmanKF@navair.navy.mil</a>
Treasurer	Hongyu Wang, Solar Turbines	(619) 544-5110	<a href="mailto:Wang_Hongyu_x@solarturbines.com">Wang_Hongyu_x@solarturbines.com</a>
Program Arrangements	Chuck Heightland, THG Engineering	(760) 728-9249	<a href="mailto:Thg_engr@pacbell.net">Thg_engr@pacbell.net</a>
Field Trips	Jim Leland, Naval Aviation Depot, NI	(619) 545-2710	<a href="mailto:LelandJM@navair.navy.mil">LelandJM@navair.navy.mil</a>
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Publications	Tracie Okada, Naval Aviation Depot, NI	(619) 545-3923	<a href="mailto:OkadaTM@navair.navy.mil">OkadaTM@navair.navy.mil</a>
Community Relations	Quentin Goss, USAF – Retired	(858) 451-6213	<a href="mailto:Qjgoss@worldnet.att.net">Qjgoss@worldnet.att.net</a>
Public Policy	Tom Chandik, General Dynamics – Retired	(619) 276-8961	
History & Bylaws	Bill Chana , W. F. Chana Associates, Inc.	(858) 488-7183	
Region VI Delegate	Mike Lazar, Teledyne Ryan Aeronautical	(619) 291-7311 x-1149	<a href="mailto:MLazar@tdryan.com">MLazar@tdryan.com</a>
Membership	Jim Peterson, General Dynamics – Retired	(858) 279-1940	<a href="mailto:Jdpete@pacbell.net">Jdpete@pacbell.net</a>
Honors & Awards	Colin Etheridge, Solar Turbines	(619) 544-5136	<a href="mailto:Etheridge_Colin_J@solarturbines.com">Etheridge_Colin_J@solarturbines.com</a>
SDES Liaison	Warren Johnson, BFG Aerospace– Retired	(858) 278-1317	<a href="mailto:Wmjohanson2@earthlink.net">Wmjohanson2@earthlink.net</a>
Education/Student Activities	VACANT		
Young Members	Sunshine Russell, Naval Aviation Depot NI	(619) 545-7627	<a href="mailto:RussellSC@navair.navy.mil">RussellSC@navair.navy.mil</a>
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SDSU Student Chair	Richard Gunderson		<a href="mailto:Rgunder@home.net">Rgunder@home.net</a>

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