



## San Diego Section Looks to a Bright Future

Kevin Burns, Acting Section Chair

Once again the section will greatly miss the leadership provided by its Chairman Eric Heininger of Pyramid Space, Inc. In our last newsletter we announced that he had to resign from the section chair position because of a move to Houston. Since that time, he returned from Texas and resumed his position, but when work did not materialize, decided to move to Los Angeles. At the February Council meeting there was such a strong show of support, that the Council unanimously voted to allow Eric to run for a second term as Chairman. However, it was not in the stars and it looks as though this move is permanent.

Meanwhile, we continue to move forward in our section activities. The section was represented by a couple of members at the annual Aerospace Sciences Meeting in Reno, and our new chairperson for Public Policy, Phil Smith, represented us at the regional public policy conference and at the Congressional Visits Day held in Washington, D.C. We had an overflowing table of representatives at the annual Engineer's Week dinner, and the bus trip to the Mount Palomar observatory was enjoyed by all who attended. Dr. Doug Armstrong made a presentation to an Alpine School on hovercraft. This is the same school where one of our AIAA Educator Associates won the national AIAA Foundation Educator Achievement Award.

We have many activities forthcoming, not the least of which is the election of new officers. We are facing a leadership crisis within the section. We have lost our section chair that was to move to the duties always held by the immediate past chairperson. Our Secretary will be leaving office, and we will be losing at least one other councilperson who is retiring out of the area. Therefore, we are looking for people to volunteer to hold office. We would also like to fill all vacant seats on the council this year, including someone eligible to hold the Young Professional's chair.

I look forward to hearing from everyone. If you have any ideas, concerns, nominations, or gripes, I would like to hear from you. Feel free to call me at (619) 543-1700 x-310. AI-ES was acquired by Wyle Laboratories from General Dynamics, therefore my new e-mail address is: [kevin.burns@wylelabs.com](mailto:kevin.burns@wylelabs.com)

## Looking for Nominations for May Awards Banquet

Keith Glassman, Honors and Awards Chair

AIAA invites you to nominate someone who you feel has made a significant accomplishment in the field of aerospace. We are looking for nominations for our Annual Awards Banquet. We have kept the nomination process simple and quick. Contact myself, Keith Glassman, Honors and Awards Chair, or anyone else on the council to make a

nomination (contact information is at the back of this newsletter).

We would also like to invite everyone to attend our Annual Awards Banquet, which is our gala night of the year where we show off our local aerospace talent. People who received awards in the past are world renowned, working at the cutting edge of technology. Some have been involved with aerospace since the dawn of the Jet Age, and have thrilled audiences with stories of times when engineering was very different from today. Talented people from all age groups will be honored, including High School students, University students, our own members, and non-members who have made significant contributions to the field of aerospace.

This year's annual Awards Banquet and Officer Installation ceremony will be held Thursday, May 19 at the Admiral Baker Clubhouse at the Admiral Baker Golf Course in the Mission Gorge area. Come and see what our most outstanding engineers are doing in San Diego aerospace.

### Local Teacher Wins Top AIAA Honors

Kevin Burns, Acting Section Chair

The AIAA Headquarters in Reston, Virginia, announced the winners of the 2005 AIAA Foundation Educator Achievement Award. This award is presented to seven AIAA pre-college (K-12) educators who have demonstrated exemplary efforts in facilitating the continued study of mathematics, science, and related technical studies among America's youth.

Brendan Casey an 8<sup>th</sup> grade teacher at Joan McQueen Junior High School in Alpine, will receive a trip with his guest to Washington, DC. There he will be recognized at the Aerospace Spotlight Gala on 11 May 2005. Mr. Casey is an AIAA Educator Associate in the San Diego section who has worked with Quentin Goss, our Pre-college Outreach Chairperson. Dr. Doug Armstrong, our

Chairperson for Field Trips, gave a presentation on the operation of hovercraft to Mr. Casey's class at the school.



*Joan MacQueen Middle School in Alpine, CA*

This award has honored 21 pre-college teachers since its inception in 1997. Past award winners continue to be leaders in aerospace education and this award has become a premier award in this field.

The AIAA Foundation is the educational arm of the AIAA, and its mission is to enhance and support the viability of current and future aerospace professionals by funding student programs, research opportunities, professional contacts, and recognizing outstanding individual contributions.

### Membership News

Jim Peterson, Membership Chair

Section membership stands at 426 as of March 1<sup>st</sup>. We would like to welcome the following new AIAA professional members to the San Diego Section:

#### January

Mr. J R Bertram	Lockheed
Prof. Steven Buckley	UCSD
ENS Mann Chau	U.S. Navy
Mr. Timothy Doyle	
Mr. Richard Geckler	Retired
Ms. Donna Simon	Allied Aerospace
Mr. Theodore Stern	ATK
Mr. Rodney Stubbs	Lockheed

## February

Mr. Darrin Brendel	DCS Corp
Ms. Kathleen Brownfield	
CDR Neil Butler	Maxim Systems
Mr. Robert Continetti	UCSD
Mr. Mark Dankberg	ViaSat Inc
Ms. Barbara Gardner	SAIC
Mr. Parisu Komaradat	Parisu Intl Corp
Mr. David Poladian	Boeing
Mr. Philip Smith	Calif. Space Grant Foundation

## March

Mr. Ziyad Alie	BF Goodrich Aerospace
Dr. Dennis Braunreiter	SAIC
Dr. Russell Howard	SpaceDev
Mr. Ryan Johnston	SDSU

If you have any questions about membership or advancing your membership grade, please contact Jim Peterson at (858)-279-1940, or email to: [jdpete@pacbell.net](mailto:jdpete@pacbell.net).

## **Mailing Address Updates:**

If you have changed your mailing address please call the AIAA Headquarters Customer Service Center at 1-800-NEW-AIAA and provide them with the current information. Remember- the mailing labels are printed using the information in the AIAA database.

## **FIELD TRIPS**

Doug Armstrong, Field Trips Chair

### **FIELD TRIP TO JPL PLANNED**

To give you as much advanced notice as possible, a field trip has been set up to visit JPL in Pasadena, on the 3<sup>rd</sup> of October, 2005. We will have a bus at 9 AM for a tour at 1 PM. They can only accommodate 40 people so maybe we can fill this one up. I don't have any cost data yet.

## **SDSU AIAA chapter**

Nils Sedano, SDSU Student Chair

The San Diego State University section has two very important upcoming events that promise to be very exciting. Both have taken long hours of work by the students, and finally their labor will bear fruit. These two teams have come a long way from their beginnings and are proud of what they have accomplished. The month of April will be a busy one for both teams.

First off, the DBF team is finishing it's entry for this year's competition. The team is very excited to be attending this year's competition in Pax River, Maryland in mid-April. The team's aircraft is called Monty's Pride, and is designed to carry a payload inboard and on each of the wingtips, with those in the wingtips being able to be dropped remotely. For those with any questions please contact Don Myers (project manager) [Donmyers1@aol.com](mailto:Donmyers1@aol.com).

After much debate the Rocket Project has scheduled the next launch for mid-April in Mojave. The team is well prepared and has the rocket ready to go. Wish the team luck! The Phoenix series are liquid fueled (Lox and Kerosene) rockets, using an atlas vernier LR-101 engine with 1000 lbs of thrust. For any questions about the team, contact Joey Brown (project manager) [joeydbrown@hotmail.com](mailto:joeydbrown@hotmail.com).

The teams are a proud part of the San Diego State University's AIAA chapter. They give the students the valuable opportunity to put their knowledge to work in overcoming engineering challenges. As well as being a lot of fun!  
[nilssedano@hotmail.com](mailto:nilssedano@hotmail.com).

## **Special Events Calendar**

### **2005**

March 31	Dinner Meeting
April 16	Technical Symposium
May 19	AIAA Banquet

Position	Name/Company	Work Phone/Fax	Email Address
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