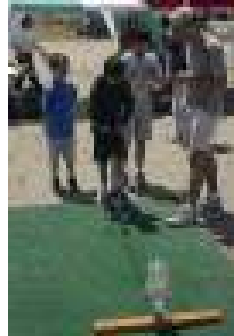


REPORT: WATER BOTTLE ROCKET LAUNCH

The Annual Water Bottle Rocket Launch on April 24 was a big success. Over 50 people, including students, teachers, and parents came to Fiesta Island to build and launch rockets made from 2-liter bottles. Students experimented with multiple launches to find answer to "How does the rocket fly?", "What would happen if we make the fins larger?", and "Won't the rocket fly better without water?" Everybody had a great time.

Gene Peterson and Kevin Fletcher of the Jamul Chaparros 4-H club provided a tremendous amount of expertise and troubleshooting with the rockets and



launchers. Our sincere thanks go to them, the Coca-Cola Bottling Company of San Diego (for donating ten dozen bottles), and everyone who came out to volunteer or participate in this event.

More pictures of the event are available on the Jamul Chaparros 4H website at photos.yahoo.com/chaparros4-h.

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REPORT: IMPLANT TECHNOLOGY

20 members and prospective USD student members met to hear the discussion on spine implant technology on the USD campus on April 28. The presentation described materials used, test methods utilized, and physiological realities of using metal and plastic implants for joint stabilization and repair. Mr. Cornwall, VP R&D from NuVasive, did an excellent job. The meeting was held on the USD campus to help draw attention to the new ME degree now being offered at USD. Many thanks to Professor Frank Jacobitz for arranging the on campus location.

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REPORT: ANNUAL AWARDS BANQUET



47 members, guests, students, and honorees attended this annual event on May 7. The 25-yr and 50-yr ASME members, many of them were

present, were recognized for their support and dedication. The two science fair winners and the two UCSD student paper contest winning teams wowed all of us with their projects.



Message from the Chair

The year has come and gone much quicker than I had imagined. I entered this year as Chair with a bit of apprehension, not knowing exactly how the plans would turn out. For those members who have participated in the activities, this year has been fantastic. There were a variety of dinner meeting topics relevant to San Diego, representing the different industries of the region. We had family based activities at Sea World and the Water Bottle Launch. We had college student activities at UCSD, SDSU, and USD. I think the Section more than delivered on the vision and mission of ASME. As a new year starts, we continue to need the San Diego membership to participate. Before I chose to participate, I was asking myself "What does ASME give me?". What eventually drove me to participate was the statement, "One only gets out of something what one puts into it." I have put much into ASME this past year, as have the other volunteers who plan and put on the activities, and I am very proud of the results. I challenge all ASME members to answer the question posed above with another question, "What can I give to ASME" and then pursue the answer was passion and dedication. Thanks to all for a great year!

David Padgett, Chair

Two ASME International Events in San Diego

Two ASME International events are planned for San Diego: The Summer Annual Meeting (SAM) June 6 – 10 and the Pressure Vessels and Piping (PVP) Conference July 25 – 29. Both events will be held at the Hyatt Regency Hotel in La Jolla.

The Summer Annual Meeting is the turning point of the Society's administrative year. Incoming officers are inaugurated and retiring officers are acknowledged for their past efforts. Members of the Society convene throughout the week to nominate next year's officers and to discuss the affairs of the Society. The SAM offers first hand observations to the business workings of our Society. For details, visit www.asmeconferences.org/sam04/

For the PVP Conference, more than 150 paper and panel sessions are planned, as well as tutorials, NDE and software demonstrations, and a student paper competition. The PVP Conference is a great place to meet colleagues as advanced PVP technologies are presented to address present and emerging challenges in the industry. This Conference is co-sponsored by the Japanese Society of Mechanical Engineers (JSME). For details, visit www.asmeconferences.org/pvp2004/

Members should take advantage of the proximity of the SAM and PVP Conference and attend.

San Diego Section Ballot, Society Year 2004-2005

Please indicate your vote with a check mark ✓ or a write-in

Position	Nominee	Write-In
Chair	Louis Berlin _____	_____
Vice Chair	Katherine Flores _____	_____
Treasurer	Tom Frankie _____	_____
Secretary	Mike Woodmansee _____	_____
Director	Dave Padgett _____	_____
Nominating Committee Chair	Phil Young _____	_____
Nominating Committee Member	Ian Parkinson _____	_____
Nominating Committee Member	Katherine Flores _____	_____

Please mail your ballot by June 1, 2004 to:
York Lew, 8215 Thimble Ct, San Diego CA 92129

Member Name: _____ Membership No. _____

Member Signature: _____ Date: _____

ASME Retirees Sought

Volunteer Professionals for Medical Advancement (VPMA) is a group formed by retired engineers and scientists of JPL and Caltech to help local doctors and hospitals to advance medicine and health care. Since its inception 11 years ago, the group has worked with 9 hospitals on many medical developments such as: respiratory isolation chamber, coronary artery reinforcement, automated oxygen enrichment control, and computer database development. The group plans to expand nationally and is seeking local ASME retirees who are interested in forming a San Diego chapter. If you are willing to donate your lifelong skills and some of your time, contact Larry Dumas (ASME Fellow) at LNDumas@aol.com. Further details are available at VPMA's website www.vp-ma.org.

Help Wanted – HPS2004



Our Section, in conjunction with IEEE's Oceanic Engineering Society, is again sponsoring the 2004 Human Power Submarine Competition planned for July 28 through August 1. The races will be held at the Offshore Modeling Basin in Escondido. Sponsors and volunteers are needed. Visit the website (www.asme.org/sections/sd/hps2004.htm) for rules, sponsors package, pictures and results from HPS2002, and more. Contact Nip Shah (contact info at right) if you or your organization can help in any capacity.

College Student News

UCSD

The winners of the student paper contest in March are: First Place—"Agarose Bead Bonding," by Stephanie Hoffman, Adam Kimmerly, Joann Luu, and Matt Mycroft. Second Place—"Nanospray Inoization," by Sherry Champluke, Debby Grunewalk, Soren Harrison, and Phuong Tran. We thank both teams for presenting their papers at the Awards Banquet. The presentations are always highlights of the evening.



More Project Judging--The judging of the UCSD senior projects is scheduled in June. If you are interested in knowing the state of engineering at the university level, be a judge and find out! Contact David Padgett at sandiego@asme.org or (w) 760-930-3332 if you can help.

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see above

Open positions: Programs, K-12 Relations, Member Interests, Membership Development, Professional Development, Diversity and Outreach, Nomination, et al.



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San Diego Section Newsletter
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Article C5.1.2

The following has been quoted from the constitution of the American Society of Mechanical Engineers, current as March 15, 2003:
C5.1.2: The provisions of the Constitution and By-Laws and Society Policies established by the Board of Governors of the Society shall govern the procedure of all units of the Society but no action or obligation of such units shall be considered an action or obligation of the Society as a whole.

DATED MATERIAL



Monthly Planning Meetings are typically held on the first Wednesday of the month (except July) from 5:30 pm to 6:30 pm at the Hamilton Sundstrand office in Kearny Mesa. All members are invited to attend. Please do contact David Padgett at (w) 760-930-3332 or sandiego@asme.org, to confirm the date if you plan to attend or if you would like to address the Executive Committee (because the building is secured and because the agenda is typically tight to keep the meeting duration to one hour).

2004 CALENDAR

(Please check our website for updates and more details.)

Jun xx	Judging of UCSD Senior Design Projects
Jun 6-10	ASME Summer Annual Meeting, La Jolla
Jul 25-29	ASME Pressure Vessels and Piping Conference, La Jolla
Jul 28-Aug 1	Human Powered Submarine Competition, Escondido

LINKS

Here are several useful websites for ASME-San Diego Section members:

ASME San Diego Section: www.asme.org/sections/sd

*ASME Region IX (California, Nevada, and Hawaii):
www.asme.org/regions/regionix*

*ASME Western Field Office (Regions VIII, IX, and XII):
www.asme.org/regions/wro*

ASME International: www.asme.org