

# SAN FRANCISCO SECTION THE AMERICAN SOCIETY OF MECHANICAL ENGINEERS



The San Francisco Section ASME is an organization where you will meet good people; some you can learn from, some who can learn from you. We who participate find our experiences rewarding. We learn things we would not otherwise learn; we meet people we would not otherwise meet; and we find friends we would not otherwise find. We become more effective than we would otherwise be.

Join us at a dinner meeting. You can be as active as you choose to be.

October 1989  
Newsletter

Priscilla Johnson, Editor  
1141 Marionola Way, Pinole, CA 94564

Note: The Society shall not be responsible for statements or opinions advanced in papers or in discussion at meetings of the Society or of its Divisions or Sections, or printed in its publications.

## MONTHLY MEETING OF THE MEMBERSHIP

Faculty Club, U.C. Berkeley, North of the Bancroft/College Avenue intersection.  
Wednesday, October 18, 1989. 6:30 p.m. Social, 7:00 Dinner, 8:00 Program.  
SPECIAL PRESENTATION: 50 YEAR SERVICE AWARDS FOR 9 HONORED MEMBERS  
SPEAKER: Professor John Holdren (U.C. Berkeley)

## “ENERGY, ENVIRONMENT, PROSPERITY: “THE COMING COLLISION”

Professor Holdren will discuss energy technology and policy in the context of national and international economic and environmental conditions and aspirations in the 1990s and beyond. He will argue that the U.S. government's energy strategy of the 1980's — essentially to leave energy choices to the marketplace — has been an utter and dangerous failure because the time horizon of the marketplace is too short and the capacity of the marketplace to include environmental and sociopolitical risks is too limited.

In Holdren's view, we now face a potentially catastrophic collision between rising expectations about energy-based prosperity and plummeting prospects that even today's rate of world energy use can be sustained at tolerable costs. Options for remedial action will be discussed.

Chicken or Fish \$15.00. For reservations, call 525-9198 or (707) 648-5776(B) and leave a message. Kevin Yuri.

## What's Happening?

A warm welcome to the following new members: Jeffery Allen, James Helferty, Bruce Hellman, and Hoc Hua. Take a look at the vacant Chairmanships and come join us. The informal executive committee meetings are where it's at.

I'm sure you noticed that the newsletter format has changed. Even before the first newsletter was mailed (however, AFTER it was printed), I found out that the speaker at the last dinner meeting had changed! Hope you enjoyed an unexpected Steve Shladover, Technical Director of P.A.T.H.

The Winter Annual Meeting effort is sizzling. San Francisco Section (yes, us) is rounding up Ses-

sion Aides, raising money from Corporate Sponsors, and squeezing in as much Session info into the newsletter as possible. Pay attention out there, all 1,400 of you. Uh huh, that's how many of us belong to the San Francisco Section. Impressed? I am.

Neat spots are still vacant for Session Aides. In exchange for about two hours of helping put on one session, you get to attend other sessions free that would otherwise cost about \$200 in registration fees. Fill out, clip, and mail the attached form (see front page) or call Norman Aiello at one of his listed numbers.

Another opportunity (need) is for Tour

Escorts. Escorts count bodies, take tix, be sure the bus gets to the right gate, and are generally helpful. The tour is gratis but you have to buy your own meal if one is included in the tour. The following tours will be among those offered: Genentec, Lawrence Livermore Lab, Lawrence Berkeley Lab, Geysers Power Plant, and Stanford Fluids Lab.

Our next meeting will be at San Francisco State U. on November 16th. Mark your calendars.

— Priscilla Johnson

## The 1989 Winter Annual Meeting in San Francisco, December 10-15

From among the hundreds of papers, panels and posters at the 1989 Winter Annual Meeting, there will be more than eighty sessions devoted to “Mechanical Engineering in Biomedical and Bioprocess Technology.” These sessions, which will take place in the city that gave birth to modern biotechnology, will bring together leaders from industry, academia and government to discuss the new developments and multidisciplinary needs of biomedical and bioprocess engineering. Topics ranging from orthopedic, vascular and dental implants to seals, welds and separation processes in bioreactors will be discussed and reviewed. Of special interest and concern is the economics of the bioengineering industry and the weakening position of the U.S. as a world leader in biotechnology — a field in which we have been the pioneers.

As a Society, ASME is eminently suited to share in the development and distribution of “Biomedical and Bioprocess Technology” because of our extensive knowledge of the fields of heat transfer, solid and fluid mechanics, dynamics and kinematics coupled to our experience with pumps, valves, seals, vessels, welds, materials selection and, most importantly, codes and standards. Thus, we encourage all of our members, whether from industry, academia or government, to come to the beautiful city by the bay in order to participate in and contribute to our exciting 1989 Winter Annual Meeting.

## OCTOBER SPECIAL EVENT CONTRA COSTA POWER PLANT

Saturday, October 21, 1989 at 10:00 a.m.

Tour PG&E's 7 unit, 1260 Megawatt power plant located in Pittsburg. The tour will last approximately 1½ hours and will include a look at a new computer control system.

An optional lunch will follow at a favorite local restaurant — Mack's Old House, around noon.

Participants are required to wear long sleeved shirts, pants, and closed-toe shoes (no sandals). Hard hats and safety glasses will be provided.

Contact Chris Malone for reservations or additional information at 549-4169.

## CONTROLLING INDUSTRIAL RISKS

On Tuesday, December 12th, the Safety, Management and Technology and Society Divisions are jointly sponsoring a mid-morning panel session on “Assessing and Managing Risk to Neighboring Communities from Industrial Facilities.” The panel will explore and discuss the various techniques being used by biotechnical, chemical, energy, nuclear and pharmaceutical industries to reduce and control risks to neighboring communities.

A noteworthy group of panelists has been assembled for this discussion. They include:

- Mr. T.P. Ambrose, Manager of the HSEQ Review Program of BP America;
- Mr. Robert Andren, Vice President of Manufacturing for Amgen, Inc.;
- Mr. Howard J. Larson, Senior Vice President of Nuclear Energy Services;
- Mr. Leslie A. Scher, Director of Risk Management for W.R. Grace and Company; and
- Mr. Wain W. Stowe, Director of Corporate Safety and Health for Pfizer, Inc.

## CONGRATULATIONS!

Albert R. Champion, PE	Life Member
Newton Couzins, PE	Life Member
Eneas D. Kane, PE	Life Member
Ralph A. Seban, PE	Honorary Member
Raymond J. Siefert, PE	Life Assoc. Member
Richard W. Smith, PE	Life Assoc. Member
Irving Taylor, PE	Life Member
Herbert W. Thomson, PE	Life Member
Joseph Van Overveen, PE	Life Fellow

We are pleased to announce that the above people (all men, you notice) have been members for 50 YEARS! A record to be proud of. Each will be awarded a certificate and the 50-year-anchor pin for attaching to the regular ASME pin at our October meeting.

## EMPLOYMENT

Tencore Instruments of Mountain View is seeking a manager for the Mechanical Engineering Department which consists of approximately 15 Mechanical Engineers plus support people. Contact Roy Bauerle, Human Resources: (415) 969-6784.

## San Francisco Section Officers and Committee Chairs for 1989-90

Chairman	Lynden Davis, PE	B (415) 768-3650	H (415) 525-7418
Vice Chairman	Eric E. Worrell, PE	B (415) 689-4579	H (415) 689-4579
Treasurer	Dennis K. Lieu, Ph.D.	B (415) 642-4014	H
Secretary	Robert B. Raos, PE	B (415) 357-4610, x 2576	H (415) 531-8652
Member-at-Large	Parker C. Smiley	B (415) 671-6541	H (415) 339-0334
Member-at-Large	Hal Brunette	B (408) 742-3320	H (408) 988-4148

## COMMITTEE CHAIRMEN

Program	Kevin J. Yurica	B (707) 648-5776	H (415) 525-9198
Public Relations	Priscilla A. Johnson	B (415) 835-3000, x 266	H (415) 724-4149
Membership Development	Norman Aiello	B (415) 357-4610, x 2453	H
Professional Development	Andrew B. Corless	B (415) 297-4232	H (415) 655-4057
Government Relations	Willard A. Nott, P.E.	B (408) 743-2350	H (415) 881-5035
College Relations	Todd Hancock	B (707) 646-4371	H (707) 554-8582
Industrial Relations	Don Moseman	B (415) 768-2303	H (415) 583-6815
Nominating	Julia A. Gee, P.E.	B (415) 768-1234	H (415) 526-2722
Member Interests	(Vacant)		
History & Heritage	(Vacant)		
Honors & Awards	(Vacant)		
Technical Activities	(Vacant)		
Prof. Practice & Ethics	(Vacant)		

## LIST OF COMPANY REPRESENTATIVES

(All area code 415 unless listed otherwise)

Babcock & Wilcox	Cal Mock	947-1100	Lockheed	Bill Nott	(408) 743-2350
BART	Joe Van Overveen	464-6183	Consultants in Engr. Acoustics	Tom Norris	391-2158
Chevron	Julia Gee	768-1234	Naval Facilities Eng. Command	Don Valentine	877-7325
Chevron Research	Manuch Nikanjam	620-2741	PACO Pumps	Mervyn Lee	639-3249
Coen Co.	Jim Klee	697-0440	Peterbilt Motors Co	Lance Hurd	790-4057
Mare Island Naval Shipyard	Todd Hancock	(707) 646-4371	O'Brien-Kreitzberg & Associates Inc.	David Korzec	777-0188
EBMUD	Priscilla Johnson	835-3000	Physics International	Pius Chao	577-7147
EG&G	Charlie Simkins	838-3421	Robert L. Cloud Assoc.	Robert Cloud	841-9296
ERIN Engineering	Alan Horn	768-8480	Sverdrup & Parcel	Jim Lehman	392-8927
Evans & Sutherland	Don Mullen	969-9300	Enterprise/Cooper Industries	Chuck Carmichael	577-7544
Failure Analysis Assoc.	Steve Werner	681-3971			