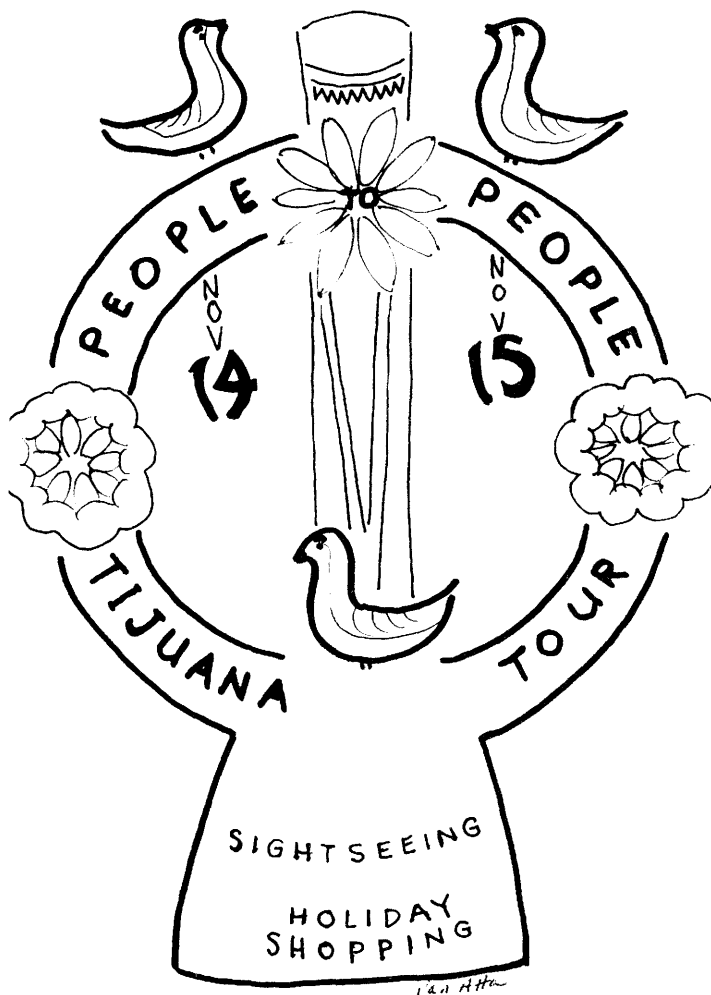


# BEAR FACTS

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The deadline for articles submitted for publication is 5:00 PM the 15th of each month.

## OCEANID PEOPLE TO PEOPLE



## Bear Facts Salutes

### SCRIPPS



New Horizon

### SIO, Past and Present

Seventy-five years ago - about the time the Wright brothers made their historic first powered flight in Kitty Hawk, North Carolina - 34 farsighted San Diegans and a young zoologist launched the San Diego Marine Biological Institution, the forerunner of Scripps Institution of Oceanography (University of California, San Diego), the world's foremost oceanographic institution.

On September 26, 1903, the San Diego Marine Biological Association was formed to obtain support for the institution. Officers for the association were: president, Homer Peters, a wealthy easterner who had moved to San Diego; vice-president, Miss Ellen B. Scripps, a partner in the Scripps newspaper empire; treasurer, Julius Wangenheim, president of the National Bank of Commerce of San Diego; and secretary, Dr. Fred Baker of Point Loma in San Diego.

E.W. Scripps, Ellen's half-brother and founder of the Scripps-Howard newspaper chain, and James MacMullen of the San Diego Union, in addition to the officers, were on the board of trustees.

The choice of San Diego as a site for a marine biological institution had been greatly influenced by Dr. Baker and his work in the community and led to the formation of the Marine Laboratory Committee of the Chamber of Commerce.

At Dr. Baker's invitation, Dr. William E. Ritter, chairman of the University of California's Zoology Department at Berkeley, moved his summer field operations from San Pedro Bay, California to a Hotel del Coronado boathouse at Glorietta Bight,

Please see info-reservation form inside this issue

California where they lived and worked in the midst of Tent City. Dr. Ritter was to serve as scientific director of the institution.

It was later decided that La Jolla would be a more suitable site for a laboratory. In 1905, the city council granted the association permission to use a plot of land in the city park on Alligator Head near La Jolla Cove.

Most of the \$1,000 needed for construction of the first official biological laboratory was provided by the La Jolla Improvement Society, comprised of about 1,300 people whose interest had been largely aroused through the efforts of Dr. Baker, with the help of Reverend J.L. Pearson of the La Jolla Union Church.

Equipment for the aquarium-museum in the laboratory was made possible through cash donations from several businesses and individuals, including Miss Virginia Scripps, and a valuable contribution of books and scientific apparatus from Dr. Alexander Agassiz, an eminent Harvard biologist, who has sometimes been called the "father of modern oceanography."

Scripps Institution of Oceanography's current site was purchased at public auction in 1907 from the city of San Diego. The 174-acre property on La Jolla Shores was sold for \$1,000, when the market value at that time was \$30,000-\$50,000. The only bid was from the Marine Biological Association.

Miss Ellen B. Scripps provided funds for the road from La Jolla through the tract to the Torrey pines near Del Mar, California and donated \$50,000 for the construction of laboratories and other expenses.

The first building, completed in 1910 and named in memory of her brother, George H. Scripps, still stands and is listed in the National Register of Historic Places.

In 1912, the San Diego Marine Biological Institution became a campus of the University of California, with its name changed to "Scripps Institution for Biological Research of the University of California."

Through the 1920s and 1930s, Scripps Institution grew slowly and was quite isolated from other scientific institutions. Its scientific staff contributed greatly to the oceanographic needs of the U.S. Navy and the U.S. Air Force during World

War II. This research led to a great expansion into all aspects of ocean studies during the 1940s and 1950s.

When the University of California, San Diego was established about 20 years ago, Scripps provided the nucleus faculty and temporary facilities for a graduate school of science and engineering. UCSD later developed into a general campus for both undergraduate and graduate education.

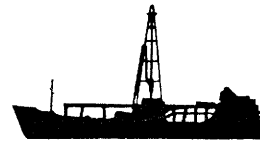
Scripps's budget now totals nearly \$50 million a year, with about 85 percent funded through federal contracts and grants. Scripps's faculty and staff now total about 1,200, many of whom participate in scientific expeditions to all the world's oceans, as do the 195 graduate students.

The institution's first research vessel, Loma, was the 15-meter (48 feet) private yacht of E.W. Scripps. She was outfitted for dredging and placed in service in 1905. Scripps now has four research ships plus special research platforms FLIP and ORB, with a fifth research vessel, New Horizon, scheduled to begin operations soon. The largest is the 75-meter (245 feet) R/V Melville. The institution's ships have steamed some four million nautical miles in worldwide research service.

During the past 12 months, about 380,000 people visited the aquarium-museum, which has more than 50 exhibits open to the public, without charge, from 9 AM to 5 PM daily. The facility's special education programs reach more than 60,000 young people each year.

In 1903 E.W. Scripps said, "We are going to make this the biggest thing of its kind in the world." His prophecy has been fulfilled in Scripps Institution of Oceanography.

Jackie Janke



Glomar Challenger  
(DSDP Global Marine)

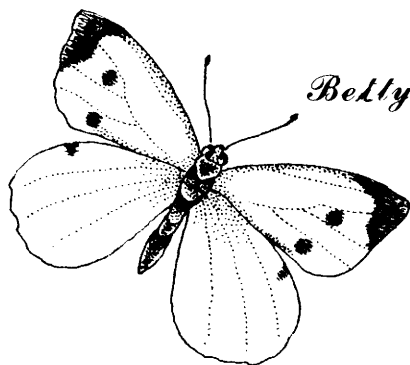
## The Sea Grant Program

The National Sea Grant Program, created by an act of Congress in 1966, established a national network of colleges similar to the national Land Grant Colleges. This program authorizes grants and contracts to colleges and universities to conduct research, educational activities, and advisory services, similar to those offered to farmers only related to the use of ocean resources. It is the only federal ocean program with these three components.

A requirement of the program is that at least one-third of the project's cost comes from non-federal funding, such as the matching funds contributed by California.

Today Sea Grant research activities range through a wide variety of subjects, including coastal zone studies, waste management, fisheries and aquaculture, natural marine products, ocean engineering, and energy development, and involves both graduate and undergraduate students, as well as senior researchers and technicians.

## Profiles .... UCSD Women



*Betty Shor*

Whether chasing butterflies across one of her favorite Pacific islands or counting ballots for the Museum of Man's ad hoc election committee, Betty Shor wears a smile of contentment. She thoroughly enjoys a wide variety of interests.

When her father, James A. Noble, was appointed as Professor of Geology at Cal Tech in 1947, Betty and her family moved to California. She was only seventeen, but a young graduate student caught her eye that first year, George Shor, Jr. He completed his work at Cal Tech and moved into professional life, eventually to become Professor of Geophysics and Associate Director of Scripps Institution of Oceanography.

Betty attended Wellesly College for two years, but that persistent young graduate student was not about to wait until she finished her college years. George and Betty were married on June 11, 1950.

Their three children, Alexander, Carolyn, and Donald, kept Betty busy as evidenced by her Honorary Life Membership in the PTA.

In her spare hours she did manage to find time to write her first book, Fossils and Flies (1971). It was a biography of George's grandfather, Samuel Wendell Willisin. Sifting through the family history was a favorite pastime of Betty's.

She later wrote The Fossil Feud (1974), a story of the skullduggery indulged in by two prominent mid-nineteenth century American paleontologists.

Dinner in the Morning (1977) was her third book. George insisted on large breakfasts, no two menus to be served in succession. The authoress put her many years of culinary experience to good use in this publication.

Her latest publishing endeavor is the recently released Scripps Institution of Oceanography: Probing the Oceans 1936 to 1976, a fascinating history of that institution.\*

In addition to all of this, she was editor of Bear Facts.

Starting as a voluntary laboratory helper for Carl Hubbs in 1962, Betty is now archivist and historian for Scripps Library. Not an unusual pursuit since they have been at the Institution since 1953. At the present time she is putting Scripps' correspondence, files, diaries, etc. into historical order.

Now that their children are grown, George and Betty have been able to work together on scientific cruises. He concentrates on geophysics while she works in her preferred field of biology. At present, they are working on site on their sixth cruise. What a great way to combine work and pleasure!

Betty seems to have gone full circle in her career at Scripps. She is, once again, doing volunteer work for Carl Hubbs and loving every minute of it.

The future seems to hold as much activity as the past. Betty recently published an article in the "American West" which has whetted her appetite for free-lance, non-fiction writing. She is also working on a novel length adventure story. (It isn't a novel, she explained, because there won't be any torrid love scenes - at least not so far.) It will be centered in the Black Hills of South Dakota, where she spent her childhood in Lead, a gold-mining town. While not an autobiography, it will emphasize life in the 1930s.

A long-time butterfly collector, Betty scours her vacation spots looking for new specimens. Those she collects she gives to the Natural History Museum.

She is an avid stamp collector, specializing in natural history. She is also chairman of the Wine Tasting Group.

How does Betty Shor accomplish all of these things? She attributes her motivation to two very important men in her life. Her father encouraged her in the sciences. By allowing her to journey with him on field trips, he sparked a lifelong interest in, and love of, the outdoor life. Her husband, George, whom she married at the age of 20, has consistently given her the support and admiration so necessary to raise a family and create a career.

When asked if she had any advice for the readers, she said, "Find a way of living your own life comfortably within the context of your family. And don't feel guilty about being a little selfish."

Betty is a new grandmother. A boy, born to her son Alexander, who now works at Woods Hole Oceanographic Institution in Massachusetts, arrived on August 29th. But Caleb McKinley Shor will have to wait until Christmas to meet his grandmother. First Betty will sail out of Guam to study the Phillipine Trench, then she and George will tour Pinape, Micronesia.

Oh Caleb, what a grandma you have!

Janet Newlan Bower

\*See review elsewhere in this issue.

Ed. note: The following book review was published in the San Diego Union, Sept. 24, 1978 and reprinted here with permission of the author and the Union.



## Book Review

SCRIPPS INSTITUTION OF OCEANOGRAPHY: PROBING THE OCEANS 1936 TO 1976

By Elizabeth Noble Shor; Tufua Press; illustrated; index, 502 pages; hardback \$17.95, softback \$8.95

Dr. Roger Revelle, the former director of Scripps Institution of Oceanography and "father" of UCSD, has recalled one of the early misadventures of World War II aimed at catching enemy submarines.

"They constructed an extremely powerful underwater searchlight and sewed together a huge black canvas cylinder which could be towed underwater to imitate a submarine," he relates.

"Unfortunately, it turned out that when the searchlight was directed on this object, it could be detected out to a range of about 100 feet."

Thus foiled, the Navy eventually turned to sonic methods of submarine detection and its Radio and Sound Laboratory on Point Loma, renamed the University of California

Division of War Research, turned to SIO for interpretation of the cacophony produced by undersea life forms.

One particular staticlike crackling noise detected by hydrophones was especially bothersome and prevalent in warmer waters throughout the world's oceans. The Navy appealed to Dr. Martin W. Johnson, now 83 and a professor emeritus at Scripps, for help in identifying the source of the noise.

"There were all kinds of guesses about what it might be," Johnson recalls. "It sounded something like burning twigs. So, we set up a study and determined that it was snapping shrimp. I remember making my bed at the end of Scripps pier for several nights during the investigation. I set an alarm clock to wake me up every couple of hours so I could monitor the sound equipment."

Johnson also identified the source of what now is called the "deep scattering layer," a zone of plankton and other marine animals that sonar could not penetrate.

Because of Johnson's work many American lives may have been saved during the war. American submarines routinely took refuge in beds of snapping shrimp and under the scattering layer to escape detection by the enemy.

Shor has sleuthed out many such intriguing anecdotes to spice this comprehensive and readable modern history of the oldest

and largest institution in the United States devoted to oceanography. Appropriately, it comes as SIO is celebrating its 75th anniversary.

The author, wife of Scripps professor and associate director George G. Shor, Jr., brings to bear a long-standing acquaintance with the institution as well as her experience in writing.

She is the author of three other books, Fossils and Flies, a biography of the paleontologist Samuel Wendell Williston; The Fossil Feud, an account of a famous quarrel among paleontologists, and Dinner in the Morning, a collection of breakfast recipes.

She began her love affair with SIO as a volunteer laboratory assistant to famed marine biologist Carl Hubbs. She became a paid employee of the institution 12 years ago and today is a senior writer, an unofficial archivist, and still an assistant to Hubbs.

Five years ago, Dr. William Nierenberg, the present director of Scripps, asked Shor to write a new history of the institution to supplement Scripps Institution of Oceanography: First Fifty Years, a 1967 book by Helen Raitt and Beatrice Moulton.

Shor poured the best part of four years into the task and has succeeded in producing a fascinating portrait of one of the region's most important and complex institutions that will please scientists and laymen, particularly San Diegans.

Here, certainly, is a work that easily could have been as dry as dust; little more than an account of mile-stones in oceanography and descriptions of the hard, and frequently tedious, work that goes into it.

Instead, she has woven into her story the adventures and foibles of oceanographers and writes of Christmas dinner with the natives of Tonga, the day a big octopus crawled out of its tank to dine on crab specimens in the aquarium and wrestle with attendants, of the night when a group of scientists advanced the understanding of plate tectonics by drawing on a bar napkin at Little Bavaria, of the time when Roger Revelle put beer in the ship refrigerator and inadvertently took another scientist's newly collected microbes out to die.

So, Shor has written a book which is entertaining and revealing as well as educational.

Cliff Smith  
Science Writer  
The San Diego Union



Alexander Agassiz  
(retired)



Alpha Helix

Ed. note: The following article by Dr. John Isaacs was written for the October 1964 issue of Bear Facts. We thought it such a beautiful attribute to one of the most colorful personalities of Scripps past, former Director Roger Revelle, that we reprint it here fourteen years later.



Thomas Washington

## To An Era

Roger Revelle is leaving to head a study basic to human existence, and an era at La Jolla is closing. He leaves with us a heritage which encompasses us all, and which will continue to evolve. Revelle began this era at a time when the Regents of the University (as he loves to tell) considered Scripps as consisting of "a sea-wall and a pier, both badly in need of repair."

His departure will be accompanied by praise of his many and profound accomplishments, his insight, his wisdom, and his faith in an eventually rich and stable life for the peoples of this planet through inquiry and intelligence.

But my thoughts run also, at this moment, through an extensive inventory of more personal reminiscences.

I first saw Revelle as a slender lieutenant, dressed in blues, on the beach at Morro Rock waiting to accompany us on an amphibious test. It was wartime, and I was concerned with how landing craft would perform in the surf zone. With the unnamed visitor aboard our test DUKW, the driver took sadistic joy on plunging the DUKW into a towering breaker (scaring himself, I believe). But when the DUKW, surprisingly, had emerged and shaken herself clear, Revelle stood beside me, on deck and upright, salt torrents pouring out of the sleeves of his dress uniform, carrying on his discussion of our problems with that oblivious intensity that always characterizes his curiosity. I was impressed by this officer, who, I shortly found, was the Office of Naval Research.

The Crossroads Scientific Program was Revelle's idea, and he organized it single-handed. (Basic scientific understanding of many of the effects of atomic weapons still rests on this one, truly scientific operation.) During the preparatory conferences for the Program, I became acquainted with Revelle and with an aspect of his behavior which, I was to discover, was characteristic of him. The conferees gather - Roger missing. The chairman proceeds. The problems are discussed, conclusions reached. Some hours later Revelle appears,

an apologetic St. Bernard. All background is reiterated; all conclusions are reconsidered. Revelle concentrates his irritating review on some apparent trivia. A spirit of resigned exasperation dominates, but slowly the conferees begin to see the significance of the problems and slowly they become aware that the matter they thought was smaller than themselves is, after all, larger, larger in fact than science, larger than the earth, and larger than the peoples of the earth.

I have sometimes been prompt at conferences and have tasted this same exasperation at Revelle's tardiness, and then have been "taken in" (misled - or rather "myzled" - as he liked to say) when he slowly and magically revealed a universe emerging from the poor hat of our small beginnings. I could have sworn it wasn't in there.

Some day Roger will get to a meeting on time and I will discover whether the smug poverty of the pre-Revellian portion of the proceeding is a sine qua non of its later enrichment.

Two years ago on the flood plain of the Chenab River near its confluence with the Indus stood a lone, lean gnarled old Pakistani. His tattered robes were gathered gracefully around him and, with his strong, dark Aryan features, he could have been a biblical shepherd in one of the illustrations in my family Bible.

Revelle, on his now famous "Mission to the Indus," had already spoken with many Pakistani farmers, but these had been well prepared for the interview. Besides, they were the more enlightened, who were participating in various pumping, leaching, fertilizing, or other experiments directed to the reclamation of this vast region which a few short years ago was called "the breadbasket of India."

Somewhat to the distress, I thought, of our Pakistani guides, Revelle asked the driver to stop the car, emerged from it with that curious unfolding tactic that is so familiar to his friends, approached the lonely figure, and extended his hand in greeting.

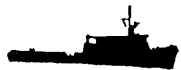
To our surprise, the old fellow fell to his knees, grasped Roger's great hand in both of his, and began to fondle and kiss it.

I saw tears of distress come to Roger's eyes, and he asked gently and with a rare timbre of strain in his voice for the interpreter to ask the man to stand up and shake hands. This the farmer did, and he and Roger then spoke for some time of the floods, the salt, and the famine that afflict this great land.

Perhaps this encounter epitomizes the concern which is propelling Roger Revelle's career farther into the great problems of humanity, and his confidence that all peoples can stand as intelligent human beings and discuss their problems with dignity and awareness.

John D. Isaacs

Ed. note: The following article includes several "undocumented" stories about "early Scripps days" as revealed by Dr. Roger Revelle at the 75th Anniversary banquet held earlier this summer.



Ellen B. Scripps

## The Adolescence of the Elephant

You have just been given the opportunity to acquire a fine history of the latter days of SIO, written by Betty Shor. This is a continuation of Helen Raitt's and Beatrice Moulton's story of the beginnings of the Institution and its first 50 years. I propose to tell you some tales that did not get into the history books, mostly about the days before the War that changed all our lives.

In those depression days of the 1930s most of the faculty, graduate students, and staff lived on campus, in cottages belonging to the University, for which we paid a negligible rent. Though we were landless tenants, we could easily be divided into two social classes - upper and lower. We all received about the same incomes, but there was a clear social distinction between those who lived in the small, double-walled wooden cottages on the hill, and those who lived in the slums, the even smaller, single-board-and-batten cottages of the lower campus. The road in front of the lower houses was not paved and whenever it rained, the houses and the road were washed by a sea of mud. Dick Fleming, who lived in one of these cottages, kept two shovels handy to help dig out the automobiles that got stuck in front of his house.

As the depression deepened and the Institution's income became progressively smaller, we research assistants began to be afraid we would be fired because of the lack of funds . . . . We were saved by the faculty, who voluntarily took cuts in their salaries so that we could continue to exist on our magnificent stipends of \$100 a month.

One of the crosses we had to bear was Prohibition. This problem was somewhat lessened by making home brew - most people made their own beer. It was awful stuff but it was strong, and for several years after Prohibition was abolished there were fanatics who still claimed that home brew was better than brewery-made beer. However, most of us thought that the commercial stuff must be better, though we had never tasted it. The day of Repeal there was a severe shortage of brewery-made beer in southern California, and Nelson Wells and I drove all the way to El Centro and back in one day, in order to pick up about 150 bottles for the great upper-campus Repeal Party. This, needless to say, was a glorious occasion.

Dick Fleming and I also tried to make wine. We were conned by a slick salesman into buying a five gallon can of white grape juice. We poured this into a five gallon Puritas water bottle, added a culture of yeast, and hid the bottle in the chemistry lab in what is now old Ritter Hall. For reasons we did not understand, it never turned into wine, but we kept hoping a miracle would occur. The bottle and its contents sat in the lab for years, looking and smelling ever more awful, until John Lyman finally took over the lab and threw out bottle and all.

Another problem was the University's anti-nepotism rule. It was strictly verboten for both a husband and wife to be employed by the Institution. Like many silly rules, this sometimes had comical consequences. One night Gene La Fond and I worked very late on some drawings for a paper I was writing. When we were finished, I said, "I'll drive you home." He said, "Oh, you need'nt do that, I can easily walk." I said, "I would'nt think of letting you walk that long distance up to the top of the hill." I knew Gene lived in what had once been the mouse house, up where the radio station is now. This was a relic of the early days before the Institution, in Professor Frances B. Sumner's eloquent phrase, "went wet." Sumner had spent fifteen years cultivating desert field mice to see if they would change their color in the different environment of La Jolla, thereby proving or disproving Lamarck's idea of the inheritance of acquired characteristics. At the height of his experiments, the largest number of any species of animals at the Institution were neither graduate students, nor staff members, nor fish in the aquarium, but Dr. Sumner's mice. When Scripps was transformed from a biological institution into an oceanographic one, Dr. Sumner was coerced into abandoning his mice, and the mouse house was converted to a human-being house. I knew that Gene La Fond was living there, and I insisted on driving him home.

He meekly went along but he seemed a little quiet, and not very grateful. Long afterwards I learned that after I left him he walked all the way down the hill again to the house on the lower campus where his secretly-married wife Kitty was living. Kitty was a skillful and patient chemist in Moberg's laboratory, but the University would have fired her if they had found out her secret. Fortunately, World War II came along before any harm was done.

The anti-nepotism rule was reinstated after the war. I remember, when I was director, two graduate research assistants wanted to get married and still keep their jobs. I wrote to Dean Vern Knudsen of the Graduate Division at UCLA asking that an exception be made for them. Somewhat to my surprise, that seemingly puritanical man wrote back a scribbled note: "Sin the only answer." I later heard that he was

put up to this rather enigmatic message by John Isaacs.

The director during the early depression years was Dr. T. Wayland Vaughan, known as T. Whaley to his somewhat irreverent students, but never to his face. He was a small excessively dignified southern gentleman, with a carefully trimmed mustache and beard, who took a walk as regularly as Immanuel Kant around the campus every evening, trailed at a respectful distance of two paces by his wife Dorothy, a Massachusetts Quincy, and two paces behind Dorothy, by his huge police dog, Spooks. Dr. Vaughan apparently felt that Spooks needed a good deal of shouting at and he always spoke very roughly to him. We were all petrified when our daughter Annie, age three, one day said in a clear childish treble, "You should not speak to your dog like that."

Even when he was not shouting, T. Whaley seemed rather fierce. Lewis Browne, the author, described his voice as sounding like a lot of empty milk bottles rolling around in a bath tub. Actually he was a gentle, kindly man. It was possible to say during his directorship, as it has been ever since, that the Scripps Institution is one of the few institutions in world run by its inmates.

Dr. Vaughan's successor as we all know, was the great Norwegian oceanographer, H. Harald Sverdrup, whose wife's name was Gudrun. One of the Sverdrups' duties in taking over the Institution was also to adopt the dog, Spooks. Gudrun Sverdrup spoke good English but she sometimes missed the nuances. One day she told us with great delight that she had seen Spooks being chased by a street walker. What she meant, of course, was a Road Runner. Harald's English was also very good, except that he always pronounced bowl as if it rhymed with vowel. This was sometimes embarrassing.

Dr. Vaughan's purpose in becoming director had been to turn the old biological station into a genuine oceanographic institution. But he was severely handicapped, because our only boat was an old converted purse seiner called Scripps. I have had many jobs in my life, but I think my proudest moment was when I obtained a small boat operator's license and became part-time captain of the Scripps. She was just under 65 feet long, and thus qualified as a small boat according to Coast Guard rules. The Scripps had only two professional crew members, Murdy Ross, the engineer, and Frank, the cook. In earlier times, Murdy Ross had been a railroad engineer, and his idea of keeping a boat in top notch shape was to keep it covered with grease like a railroad locomotive. This habit of Murdy's caused severe laundry problems for the wives when we returned home with all of our clothing smelling strongly of grease.

The Scripps eventually came to a bad end, like almost all early oceanographic vessels, and this enabled Harald Sverdrup to persuade Bob Scripps to buy a fine sailing ship, built along the lines of a Gloucester schooner, as a replacement. This ship, named E.W. Scripps, was the beginning of the real sea-going life of the Institution.

Another of our silly rules in those days was that women were not allowed on an oceanographic ship. This rule perhaps made some sense on the Scripps, the greasy little old purse seiner, but it was much less rational on the E.W. Scripps and consequently was more rigidly enforced. By that time we had a small professional crew. The captain's word was law on matters of this kind, and he was firmly convinced that women on ship board brought bad luck. On our first expedition to the Gulf of California, Dick Fleming and I came into port at Guaymas to find a telegram from our wives:

There once were two young men in  
Guaymas  
Where the "Filles de Joie" are so  
famous.

They wrote to their wives,  
"Having the time of our lives --  
but for God's sake -- don't come  
and jine us!"



Melville

In 1912, when the University of California took over responsibility for the Scripps Institution, William E. Ritter said "One cannot adopt a baby elephant for a pet without sooner or later having a big elephant on his hands, if he treats the creature humanely." Tonight, I have tried to tell you something about the adolescence of the elephant.

Roger Revelle



David Starr Jordan  
(NMFS)



ST-908  
(retired)

## Scripps Institution of Oceanography, 1903-1976

Betty Shor's short, concise booklet on the history of SIO is also available for purchase in the aquarium book store. According to Laura Hubbs: "It is a very interesting booklet, showing no favoritism, with a montage of everybody. Betty summed it all up - a beautiful job."



## Update Old Scripps Building



Oconostota  
(retired)

In the spirit of Scripps' 75th anniversary, work is proceeding toward preserving the first permanent building on this campus, rather than demolishing it as an earthquake hazard. Its historic contributions to development of ocean science and architecture (designed by Irving Gill in 1909) have been recognized by listing in the National Register of Historic Places. The Regents have approved the restoration project and a drive to raise the necessary funds (\$400,000) is moving forward.

The official campus committee (R. R. Hessler, W. H. Munk, G. G. Shor, E. L. Venrick and F. N. Spiess, chrmn.) has been assisted by many others and at present we have raised about \$110,000 in private donations. In addition there is a pending proposal for \$100,000 from Federal Historic Preservation funds and a commitment from Chancellor McElroy that he will request conversion of demolition money (\$82,000) in the 1979-80 budget for rehabilitation, providing other funds are in hand. We are particularly grateful to Kelco, Ametek Corp. and Robert Scripps for pledging \$20,000 each to this cause.

A number of zealous volunteers have taken part in a series of work days to clean out and open up the interior so that one can appreciate Gill's original design. Frieda Reid organized guides to provide tours through the building on Tuesday or Thursday noons, or by appointment (ext. 2554 or 453-0373).

We still need your help. Donations (pledges or cash) of any size are most welcome both for their tangible value and as evidence of community support. In this contest, the gift made by Oceanids was most appreciated. Contributions should be sent to: Old Scripps Building Fund, UCSD Foundation, mail code Q-011. Anyone who can help or who would simply like more information, please send a note to the chairman (mail code P-001) or call Sally Spiess (453-0373). We will welcome you and add you to our newsletter distribution list.

We feel it would be both wasteful and unimaginative to destroy an historic and useful building in response to the earthquake threat, when studies show that feasible and cost-effective alternatives exist. However, we do need community backing in order to prove this point.

F. N. Spiess, Chairman  
Old Scripps Building Comm.



## Sverdrup and the Chukchi

What is the art of being a perfect guest? Certainly living with people of an entirely different culture and becoming accepted by them is a prime test. A highly readable account by the "perfect guest" has recently been published: Among the Tundra People by the late Harald U. Sverdrup.

The author was Director of Scripps Institution of Oceanography from 1936-1948, and is remembered fondly by oldtimers. His manuscript of the winter of 1919-20, when he lived with the reindeer-herding Chukchi

natives in eastern Siberia, was originally published in Norwegian with an English translation by Molly Sverdrup. It has been in the Scripps Library archives for many years and has just been published by the institution, generously supported by Sverdrup's associates and friends.

The opportunity of observing a primitive, self-sufficient people came as an unplanned part of an Arctic scientific expedition directed by Roald Amundsen from 1917-25. Sverdrup was selected to join the Reindeer Chukchi, who had surprised the expedition's members by appearing on supposedly uninhabited Ayon Island.

For nine months - the long Arctic winter - Sverdrup lived as a guest of one Chukchi family, who were one of a larger tribe. He travelled with them as they slowly herded their domestic reindeer from one place to another, as they visited with other Chukchi groups, and he joined in the annual trading visit to the nearest Russian settlement.

Sverdrup's account has the freshness of an observing naturalist, who has not trained in anthropology. He had to learn the Chukchi language with no prior information - and did not realize for some time that he was learning the women's pronunciation, because he talked more with the women at first.

He readily adopted the Chukchi clothing: "reindeer skin inside and out and from head to toe," which he found so comfortable that, when a Russian insisted on Sverdrup's being his guest at the trading visit, he found the wool blankets scratchy and the vermin "suddenly out of control."

Not all of the Chukchi customs were to his liking, however. He couldn't bring himself to eat seal oil, which they considered a delicacy. The sleeping tent, unventilated, was warmed by the accumulated heat of six to eight persons and their evening cooking, until the air became "thick and pungent." Breakfast was reindeer meat, left from the previous evening on an open platter, and "with an added flavor of the sleeping tent." Sverdrup, with his hosts' approval, set up his own sleeping tent and made his own breakfast of flapjacks, with the explanation that his religion required that he eat breakfast alone.

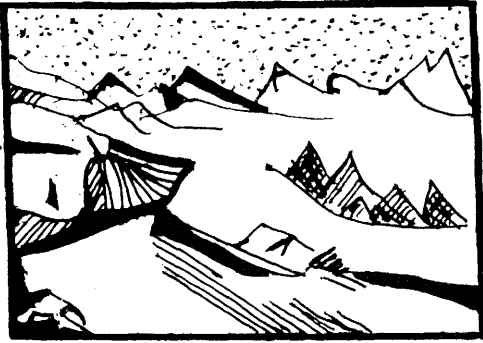
Sverdrup's book tells of the Chukchi customs of tending reindeer, the ritual slaughter and the use of these animals, the marriage and burial and other ceremonies of the Chukchi, their religion and superstitions, their entertainments and music, and their daily life in general. This group of people then had had very little contact with the outside world.

I enjoyed reading Sverdrup's manuscript and was pleased to help get it into publication at last. The 228-page book is available at the Scripps Aquarium-Museum Bookstore for \$5.95 (paper) or \$10.50 (cloth), plus 6% sales tax.

Betty Shor



## Mae Cutrona



### Talk On Antarctica

Friends of the International Center are extending an open invitation to join them on Wednesday, November 15 at 7:30 PM to hear John and Donna Oliver speak on "Antarctica: Perennial Winter Wonderland." Locale will be the International Center.

The Olivers are a young Scripps couple who returned in January from a nearly year-long research program in Antarctica. They are the first husband-wife team allowed to "winter over" there in 30 years and the first such couple under the auspices of the U.S.

John, a graduate student in biological oceanography, has spent a total of almost two years in Antarctica since 1974. He is an expert on Antarctic sea-floor marine life, having conducted more than 400 dives in the frigid waters (to  $-2^{\circ}\text{C}$ ) to collect and photograph marine life and conduct settling experiments.

His wife Donna joined the expedition in 1977 as an experienced laboratory technician in marine biology. She earned her way "on the ice" by working a full 40-50 hour week helping to collect and assess data. In addition she kept an 800 page journal of her observations which will be the basis for her Ph.D. thesis at USIU on the psychological effects of isolation.

Donna was the only woman at McMurdo Sound along with 87 men. Besides her other duties she also administered psychological tests to 43 of the men three times during the isolation period and taught Spanish in the evening to a group of interested Navy men.

During most of John's 1977 dives his "tender" was Donna who stood guard at the ice hole, his only avenue of retreat, clearing away ice chips and keeping the hole open for his safe return to the surface.

Audrey Swartz, president of the Friends, will introduce the Olivers. Marilyn Johns is program chairman and Judy Huber is coordinating hostesses. Refreshments will be served.

Lois Dechant

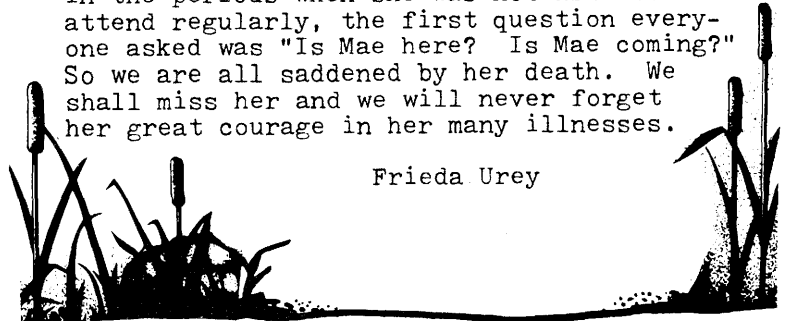
Mae Cutrona died September 29th. The Oceanids lost a loyal member, and we who knew her lost a warm and fascinating friend. Mae's husband, Louis, is a physicist, and the Cutronas were at the University of Michigan many years before they came to San Diego where Louis is a research physicist at A.P.I.S. Mae often proclaimed exuberantly that she was so happy they came to San Diego where they could pursue their joint hobbies - walking, photography, and gardening - and to UCSD where they could enjoy lectures, concerts, and art exhibits. Mae had joined Oceanids immediately and was active in the Needlers and on the Bear Facts staff.

I recall her coming to Needlers carrying a large rug frame on which she was making a hooked rug with a pattern of her own design. When she was hostess we always found some new stichery piece or a practical hostess apron for her daughter, or a new painting she had painted, or something new in their garden. A loving mother, she often had new pictures of her daughter, who with her husband, is doing postdoctoral work in medical school, and of her son, who is working with computers. She was a generous friend in both word and deed - for the last two years when she could no longer have groups in her home, she always brought a contribution to the hostess for the party - banana bread, how we loved it.

As a Bear Facts staff member, she rarely turned down an assignment. She often asked to contribute an article, and they usually had a little different twist to them. Her article last month on camping in Yosemite! Who could find something new to write about that - but Mae did. Last year when we were writing profiles of successful Oceanids women, she asked to write an article about the talk she had with a young girl, the wife of a man who had just received his Ph.D. and whose life adventures were all before her.

On the days we put the Bear Facts together, Mae and I sat at a card table and performed the stimulating task of folding the 600 or more copies after they had been stapled. I was always stimulated by her wide knowledge and interest in everything - and her pithy comments. In both groups everyone found her such good company that in the periods when she was not able to attend regularly, the first question everyone asked was "Is Mae here? Is Mae coming?" So we are all saddened by her death. We shall miss her and we will never forget her great courage in her many illnesses.

Frieda Urey



## Kudos

Dr. Henry G. Booker, Professor of Applied Physics and Information Sciences, San Diego, was selected as an honorary president of the International Union of Radio Science.

Dr. Robert C. Elliott, Professor of Literature, San Diego, was elected chairman of the English Institute, a national organization of scholars, critics, teachers, and authors.

Dr. John D. Isaacs, Director of the Institute of Marine Resources, SIO, was awarded the highest professional honor given by the Sea Grant Association.

## Notices

THE TRITON TIMES has a new name: The Guardian, with a new design and image.

UCSD EXTENSION has a new location: 9600 North Torrey Pines Road (at the stoplight north of Muir College). Easy access and metered parking available.

THE MUSIC DEPARTMENT has established a new Collegium musicum, for wind and percussion instruments, for strings and voice, and jazz ensembles. Musicians from the University community and the community at large are invited to participate in this new program. For further information, call 452-3230.

FACULTY/STAFF - ALUMNI DISCOUNT CARDS for the 1978/79 season will again be offered for sale at \$10 each. This card entitles the purchaser to buy two tickets at the student price for events sponsored by the University Events Office.

GROUP PURCHASE - A 15% discount will be offered for a purchase of 20 or more tickets for any one Fine Arts event - one check to pay for all - one pick-up of all tickets.

MANN TICKETS - These discount tickets are redeemable at all San Diego Mann Theaters for all shows unless specified Special Engagement. Tickets are available to the UCSD community: faculty, staff, or students with current I.D. The price is \$2 plus a 25¢ service charge for a total of \$2.25 each.

ENTERTAINMENT '79 - This year the "2 for the price of 1" coupon book will be sold at the Box Office as soon as they are printed. The Entertainment '79 coupon book will sell to the general public for \$17.50, but will be available at the UCSD Box Office for \$15. It offers a wide selection of restaurants, theater, sports,

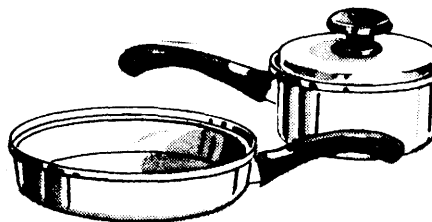
special events, and lodging to choose from. Stop at the Box Office and peruse our sample book. The initial cost is quickly absorbed when just a few coupons are used. A great gift item!

NEW MAILING RESTRICTIONS - The U.S. Postal service has imposed restrictions on the minimum and maximum standards for letter-size mail. Minimum: 3½ x 5 inches. Maximum: 6-1/8 x 11½ inches.



## International Kitchen

The International Kitchen will meet on Wednesday, November 8 at 10:00 a.m. in the International Center. The menu this month is Malaysian. There is a \$2 per person charge. Small children are welcome to accompany their mothers. (Please bring lunches for your own children.) Up to 40 reservations will be accepted NO LATER THAN FRIDAY, NOVEMBER 3. For further information or reservations, please call Sheila Macdougall, 454-8694, or the International Center, 452-3731.



## Recipe Corner

AN ELECTION YEAR RECIPE\*

WATERGATE CAKE

1 white cake mix	3 eggs
1 pkg pistachio pudding mix	1 Cup pecans
1 Cup crisco oil	or pistachio
1 Cup Seven-Up	nuts

Mix all ingredients except nuts. Add nuts, mix, and bake in greased and floured pans for 30-40 minutes at 350°F.

### Frosting

1 pkg pistachio pudding mix	1 Cup milk
1 4½ oz container Cool Whip	

Combine pudding mix with milk and beat until thick. Fold in Cool Whip and frost cake.

Gifford Menard  
Watergate Apartments  
Washington, D.C.

\*Gifford sends us this recipe named in honor of the famous Watergate Building where she now lives. She is not sure how it got its name, color or nuts maybe, but does say it's delicious.

## Theatre Party

A challenging evening awaits theater aficionados attending the scholarship benefit performance of Spanish playwright Lorca's "The House of Bernarda Alba" being sponsored by the Friends of the International Center on Monday, November 27 at 8 PM at the Muir Theatre (Room 2250, Humanities and Social Sciences Building).

The play will be guest directed by Megs Booker, artistic director and founder of the Intiman Theatre Company of Seattle. "The House of Bernarda Alba," a drama about women in the villages of Spain, was the last work of Spain's legendary poet and playwright Federico Garcia Lorca.

For those wishing, the evening will begin with a no-host supper in the Muir Commons Cafeteria, according to Edith Nierenberg, chairman. A dining area is being set aside for theatergoers who should plan to go through the cafeteria line by 6:30 PM (it will close at 7 PM). The price will be \$3.33 per person, to be paid there.

The menu will include a choice of roast beef or chicken chowmein, vegetable, potato, salad bar, fresh fruit, dessert, and coffee. (Note: guests will be allowed to bring their own fruit of the vine - and glasses - to enjoy with the supper.)

"Bernarda Alba" is considered Lorca's most artistic play and also the most disciplined in technique. As the drama courses between tragedy and farce, a story unfolds about a domineering mother and her five daughters who reflect the customs and mores of rural Spain in stark reality.

Guest director Booker did her undergraduate work at Stanford University and got a master's degree in English at the University of San Diego. She subsequently spent two years in Sweden on a Fulbright Fellowship as a lecturer in American studies at the University of Stockholm.

After returning to the U.S. and enrolling in Stanford's Ph.D. drama program, she learned that Ingmar Bergman was preparing to direct Strindberg's "A Dream Play." To capsize, her inquiries to the Royal Dramatic Theatre in Stockholm resulted in a formal invitation to return to Sweden and study with Bergman - and financing from Stanford and the Ford Foundation to do so.

When the Bookers moved to Seattle in 1972 (her husband John is a geophysicist at the University of Washington), Megs founded Intiman, which has now become one

of the northwest's most respected professional companies. It is a resident theater employing Equity actors as well as professional theater directors, designers, and technicians.

Booker chose the name Intiman as it was the name of Strindberg's theater in Stockholm. It presents five productions each season (June-October) of classic or modern masterpieces and one is always a major Scandinavian drama. Translations for these Scandinavian plays are done by Booker herself and have included Strindberg's "Miss Julie," Ibsen's "Hedda Gabler," and "Ghosts."

Tickets for the benefit performance are \$5.50 each and are available through Mrs. Loise Knauss (see coupon below), at the International Center, or at the SIO Director's Office. Deadline for tickets is Wednesday, November 22. Further information may be had by calling Mrs. Knauss at 453-0457 or the International Center at 452-3731. At least \$4 of each ticket is guaranteed to benefit the Friends' Scholarship Fund.

At the intermission break, continental refreshments will be served outdoors on the green and will consist of wine, apple cider and cheese. Then, following the performance, the audience will be invited to stay for a panel dialogue led by the guest director. Coordinating this discussion on "Lorca: Dramatic Spokesman for Social Change" will be Marianne Burkenroad, Dorothy Edwards, and Piliir Muller-Eberhard.

The benefit committee also includes Helen Lovenberg, vice chairman; Peggy Harmon and Donna Kruger, printing and invitations; Avis Johnson, dinner and intermission refreshments; Adelaide Booker; Marge Bradner; Helen Edison; Mary Merdinger, Colette Naegle; Sylvia Rath; Hermia Serota; and Jan Scharff.

Easy parking is available on the Muir campus (enter from Torrey Pines Road), and the cafeteria is but a short walk from the theater.

This is a rare opportunity to see a play of great ethnic values as interpreted by the 20th century's major Spanish playwright, Lorca. The performers, the John Muir Theatre Ensemble, are noted for their shared commitment to creating exciting drama.

The Friends invite your participation and promise a provocative evening. Please join us!

Lois Dechant

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### TICKET RESERVATION FORM FOR FRIENDS OF THE INTERNATIONAL CENTER BENEFIT PERFORMANCE OF "THE HOUSE OF BERNARDA ALBA" ON NOVEMBER 27

Enclosed is my check for \_\_\_\_\_ tickets @ \$5.50 each for a total of \$\_\_\_\_\_  
I am enclosing a self-addressed stamped envelope for return of my theater tickets.

Please mail this form and your check made out to Friends of the International Center to: Mrs. Loise Knauss, 2634 Ellentown Road, La Jolla, California 92037.

NAME \_\_\_\_\_ Phone \_\_\_\_\_

ADDRESS \_\_\_\_\_ ZIP \_\_\_\_\_

Please indicate here how many in your party plan to have supper beforehand at the Muir Commons Cafeteria @ \$3.33 per person: \_\_\_\_\_. SEND NO MONEY FOR DINNER! PAY THERE!

## Newcomers Event

Oceanids Newcomers invite current members and Newcomers to AREA COFFEES during November. In the event that our telephone invitation didn't reach you, please know that you are hereby invited in the same attitude of friendship to attend any of the following coffees.

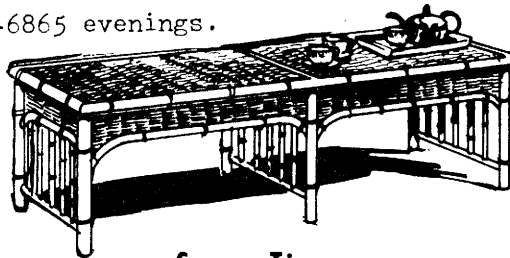
Mon, Nov 6 10 AM-12 PM	toddlers welcome 755-5424	Linda Costello 635 No Granados Ave Solana Beach 92075
Thurs, Nov 9 1-3 PM	toddlers welcome 277-3601	Tricia Di Sessa 1943 Ainsley Rd San Diego 92123
Thurs, Nov 9 10 AM-12 PM	454-9306	Norma Jensen 8373 Prestwick Dr La Jolla 92037
Fri, Nov 10 10 AM-12 PM	toddlers welcome 452-7068	Inger Drevon 4186 Caminito Ticino San Diego 92122
Tues, Nov 21 10 AM-12 PM	toddlers welcome 454-6871	Connie Mullin 7758 Ludington Pl La Jolla 92037
Mon, Nov 27 10 AM-12 PM	double- header: without children	Alma Coles 6568 Radcliffe Dr San Diego 92122
2-4 PM	with children	453-8813

Call Newcomers Committee Co-Chairman Alma Coles, 453-8813, or Ann Van Atta, 452-8217, for additional information.

## Sabbatical Housing

Wanted to rent a one or two bedroom, furnished apartment Jan 1-June 30, 1979, near UCSD for visiting faculty couple at approximately \$300 to \$350 a month. Large San Francisco home available for exchange. Write or call Dr. Goldman, 60 Amethyst Way, San Francisco, California 94131, (415)-826-0113.

House available for month of December, 3 bedrooms, home near beach and town. Call 459-6865 evenings.



### Spare Timers

Our first meeting produced a number of suggested events. If you have any ideas for us, please call me and add them to the list. We have a number of activities planned in the coming months and everyone is welcome to join us.

Our next meeting is on Thursday, November 9 in the Helen Raitt Room of SIO Library at 4:45 PM; refreshments will be available.

Mary Hanger, Chairman  
452-4386

Published by OCEANIDS—UCSD Women. Membership and/or subscription is \$6.00 per year.

## bear facts

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# Bear Facts Calendar

NOVEMBER  
1978

## OCEANIDS INTEREST GROUPS

All interested Oceanids may attend any group at any time; please call chairman.

Anyone interested in forming new interest groups can do so by contacting Coordinator:  
Norma Allison, 453-3039

## OCEANIDS BOARD

President Pat Kampmann, 454-1856. Meets Thurs, Nov 2 at 9:30 AM at Mary Merdinger's, 5538 Caminito Consuelo, LJ, 272-0269.

## BEAR FACTS

Editor Beth Spooner, 755-2322. Meets Tues, Nov 28 at 9:30 AM at Beth's, 14178 Recuerdo Dr, Del Mar.

## NEWCOMERS

Co-Ch Alma Coles, 453-8813; Ann Van Atta, 452-8217. During November the Newcomers Committee and Friends will be hostessing informal area coffees. Some of these coffees will be women only and others will welcome women and toddlers. If our telephone call missed you, please call one of the hostesses and tell them you would like to be included at their coffee. For further details, please see the article on the Newcomer coffees elsewhere in this issue or call Alma or Ann. The next Newcomers Committee meeting is Mon, Nov 13, at 9:30 AM at Sheila Macdougall's, 534 Bonair St, LJ 454-8694.

BOOK GROUP, DAY - Co-Ch Nancy Rudolph, 453-8632; Nora Atlas, 453-6444. Meets Tues, Nov 14 at 9:30 AM at Anna Price's, 4346 Valle Vista Rd, SD, 297-2374. Call Anna for directions. The book is The Mayor of Casterbridge by Thomas Hardy.

BOOK GROUP, EVENING - Ch Barbara Stewart, 755-7848. Meets Wed, Nov 15 at 8 PM at Diana Scheffler's, 13914 Boquita Dr, Del Mar, 481-0963. The book is Far From the Madding Crowd by Thomas Hardy.

BRIDGE, COUPLES EVENING - Ch Pat Austin, 222-5819. Call Pat for information.

BRIDGE, DAY - Co-Ch Eleanor Preisendorfer, 452-0596; Rosalie Weinberger, 459-7741. Note change of date. Meets Tues, Nov 14 at 10:30 AM at Sybil York's, 6110 Camino de la Costa, LJ. Meets Tues, Nov 28 at 10:30 AM at Kay Hunt's, 2621 Calle del Oro, LJ.

CHAMBER MUSIC - Ch Doris Sossner, 459-8971. Call Doris for information.

CHILDREN'S TRIPS/PLAY GROUP - Ch Ann Williamson, 755-7203. Meets Tues, Nov 14 at 11 AM at San Dieguito Park. Bring a sack lunch. Call Ann for more information.

COMMUNITY CONCERNS - Call Norma Allison, 453-3039 for information.

CREATIVE HANDCRAFTS - Ch Claudia Lowenstein, 453-1069. Call Claudia for information.

FOREIGN FOODS/COUPLES - Ch Danine Ezell, 274-2132. Call Danine for information.

FRENCH CONVERSATION - Co-Ch Rosita Cavallaro, 459-0790; Odette Filloux, 453-0749. Rendezvous-vous chez Colette Naegle, 2974 Caminito Bello, LJ, 453-2808, lundi, Nov 13, 10 AM.

GARDENING - Co-Ch Susan Addison; 459-8196; Mary Watson, 453-2226. Call Susan or Mary for information.

GERMAN CONVERSATION - Ch Dorothy Hammel, 755-8680. Call Dorothy for information.

KITCHEN EQUIPMENT/BABY FURNITURE EXCHANGE - Ch Elsa Weinstein, 453-3106. Rents kitchen equipment and baby furniture to short term visitors at UCSD. We are in need of appliances in working condition and cribs.

LUNCHEON GROUP - Call Norma Allison, 453-3039, for information.

MADRIGAL SINGERS - Ch Connie Mullen, 454-6871. Meets every Mon at 8 PM. Call Connie for information.

NEEDLERS - Ch Susie Voigt, 755-9612. Meets Thurs, Nov 16 at Nora Atlas', 3087 Cranbrook Ct, LJ, 453-6444. Bring a sandwich.

OPERA - Ch Rose Schweitzer, 459-7424. Call Rose for information.

PEOPLE TO PEOPLE - Ch Claire Moore, 453-0337. Meets Mon, Nov 6 at noon at Loise Knauss', 2634 Ellentown Rd, LJ, 453-0457. Bring a sandwich.

PIANO DUETS - Co-Ch Evelyn Lakoff, 296-1039; Rose Schweitzer, 459-7424. Call either for information.

POT LUCK SUPPERS - Co-Ch Barbro Helstrom, 454-1662; Carol Schultz, 453-0458. Meets bi-monthly. Next meeting in January.

SPANISH CONVERSATION - Call Norma Allison, 453-3039, for information.

SPARE TIMERS - Ch Mary Hanger, 452-4386. Our first meeting produced a number of suggested events. If you have ideas of fun for us, please call and add them to the list. Next meeting will be Thurs, Nov 9 at 4:45 PM in the Helen Raitt Room of the SIO library.

TENNIS - Call Norma Allison, 453-3039, for information.

WINE TASTING - Co-Ch Betty Shor, 453-0334; Claudia Lowenstein, 453-1069. Meets Fri, Nov 17 at 8 PM. Call Claudia for location and reservations.

Knowles Art Center - Mary Moller, semi-abstract impressions through Nov 1. P.R. Karlsberg, mixed media paintings, Nov 3-29. 10 AM-5 PM Mon-Sat, 1-5 PM Sun, 7420 Girard Ave, LJ, 454-0106, free.

Mandeville Art Gallery, UCSD - "Microsculpture" group show of US artists. Nov 9-Dec 10, free, 452-2864.

SD Art Institute - Annual Juried Art Exhibition opens Nov 4 through Dec 3. Reception Nov 4, 2 PM with music by Brullo String Trio, wine, refreshments, open to all. December Juried Membership Show with concurrent one-man show by Douglas F. Knutson runs Dec 5-Jan 7. Tues-Sat 10 AM-5 PM, Sun 12:30-5 PM, 1449 El Prado, Balboa Park, 234-5946, free.

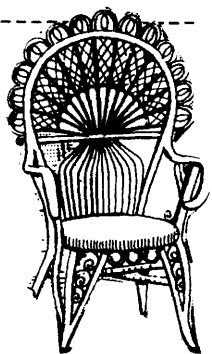
SD Museum of Man - Photo Essay of So African Tribal Life: photographic exhibit from works of Jean Morris of England, Nov 18-Mar 11. Oaxacan weaver Gabino Jimenez weaves rugs, hangings on hand loom, Sat, Sun through Nov, 10 AM-4 PM. 1350 El Prado, Balboa Park, 239-2001.

SD Public Library Library - "Fantastic Realms of Children's Books" featuring historic collection, publications by Green Tiger Press of SD, lobby, Nov 2-Dec 8. Needlepoint by Gay Ann Rogers, local artist, author, 2nd Fl Showcase, Nov 1-30. Miniature Books from rare book collection, Wangenheim Rm (1-5 PM Mon-Fri), Nov 1-30. Watercolors by Michael Von Drak, Corridor Gallery, Nov 1-30. 820 E St, 236-5849, free.

Serra Museum Tower Gallery - "Early Sculpture in SD" Oct 28-Jan 28. 9 AM-5 PM daily, Presidio Park, 297-3258.

Spectrum Gallery - "Glass Quaternities" new works in leaded glass by Gene Morones. Reception for artist Nov 5, 2-5 PM, public invited. Tues-Sat 10 AM-5 PM, 4011 Goldfinch, SD, 295-2725.

T. Wayland Vaughan Aquarium/Museum, Scripps Institute of Oceanography, UCSD - Aquarium exhibits of E Pacific fishes in naturalistic settings, oceanographic exhibits, bookstore, major tide pool exhibit. LJ Shores Drive, LJ.



## EXHIBITS, GALLERIES, MUSEUMS

Arts and Crafts Festival - SD County artists, craftsmen display work, 9 AM to dusk. Bernardo Winery, 13330 Paseo del Verano Norte, Rancho Bernardo, 487-1866, free.

Bazaar Del Mundo Gallery - "Treasures of the Orient" through Dec 25, 10 AM-9 AM Mon-Sat till 5 PM Sun. 2754 Calhoun St, Old Town, 274-0313, free.

Fine Arts Gallery - "Rembrandt and his Followers" (90 etchings) through Nov 12. Exhibit of American Folk Painting, Nov 4-Dec 17. 10 AM-5 PM Tues-Sun, Balboa Park, 232-7931. Admission, Tues free.

Gallery Eight - The Magic of Dolls: contemporary American designs including soft sculpture, xerography, historical figures, paper, rag dolls. Also folkcraft from Indonesia, So America, India, Japan. Nov 11-25, Mon-Sat 10 AM-5 PM, 7464 Girard Ave, LJ, 454-9781.

Gallery 21 - Mexican, Mexican-American artists' exhibit. Nov 1-30, 11 AM-4 PM daily, Spanish Village Art Ctr, Balboa Park, 469-1623, free.





## DANCE, MUSIC

- Nov 2, SD Symphony features Maurice Andre, trumpet soloist with Peter Eros, conductor. 8 PM Nov 2,3; 2:30 PM Nov 5. Civic Theatre, 3rd/B Sts (except Nov 5 concert at E County Performing Arts Ctr, 210 E Main, El Cajon), 239-9721, admission.
- Nov 3 Kathryn Posin Dance Co, 8 PM, Mandeville Audit, UCSD, 452-3229/3120, admission.
- Nov 4 SD Opera presents "Cosi Fan Tutte" by Mozart in English, 8 PM, Civic Theatre, 202 C St, 236-6510, admis.
- Nov 4 UCSD Chamber Music Series: Prague String Quartet, 8 PM, Mandeville Audit, UCSD, 452-3229, admission.
- Nov 7 Atomic Cafe: forum for composers, performers, Mandeville Recital Hall, UCSD, 452-3120, free.
- Nov 8 Wednesday Evenings at Mandeville Center presents Cecil Lytle, faculty pianist, interpreter of classical, jazz music. 8 PM, Mandeville Audit, UCSD, 452-3229, admission.
- Nov 9-12 Violin Makers Conference - samples to be exhibited. Mandeville Ctr, UCSD, for more information call 452-3120.
- Nov 10 La Jolla Chamber Music Society presents LJ Chamber Orchestra with French pianist, Michel Block. 8 PM, Sherwood Hall, LJ Museum of Contemporary Art, 700 Prospect St, LJ, 459-6645, admission.
- Nov 11 Symphony Celebrity Pops Series sponsored by SD Symphony, Richard Hayman conductor. 7:30 PM, Golden Hall, SD Performing Arts Ctr, 3rd/B Sts, SD, 239-9721, admission.
- Nov 12 Russ Litchfield presents organ concert including works by Bach, Mendelssohn, Hindemith. 4 PM, All Saints Episcopal Church, 625 Pennsylvania Ave, SD, public invited.
- Nov 14 The Viola - graduate student Lenny Sachs plays Bach, Brant, Bloch, Stravinsky. Mandeville Recital Hall, UCSD, 8 PM, free, 452-3120.
- Nov 15 Les Ballets Trockadero De Monte Carlo - all-male dance troupe satirizes classical, contemporary ballet. Mandeville Audit, UCSD, 8 PM, 452-3120/3229, admission.

- Nov 16 Noon Concert, Mandeville Recital Hall, UCSD, free, 452-3120.
- Nov 16 SD Symphony presents Zoltan Kocsis, piano, with Peter Eros conducting. 8 PM, Nov 16, 17; 2:30 PM, Nov 19. Civic Theatre, 3rd/B Sts, 239-9721, admission.
- Nov 17 An Evening with J.C. Francois, pianist; Ann Chase, Soprano. Mandeville Recital Hall, UCSD, 8 PM, free, 452-3120.
- Nov 19 Jazz Concert by UCSD Jazz Ensemble. Mandeville Audit, UCSD, 8 PM, 452-3120, free.
- Nov 21 Atomic Cafe: forum for composers, performers. Mandeville Recital Hall, UCSD, 452-3120, free.
- Nov 29 The Music of Stefan Wolpe, directed by Thomas Nee. 8 PM, Mandeville Recital Hall, UCSD, 452-3120, free.
- Nov 30 Noon Concert, Mandeville Recital Hall, UCSD, 452-3120, free.
- Nov 30 Concert Choir Program directed by Gerry Gabel. 8 PM, Mandeville Audit, UCSD, 452-3120, free.
- Nov 30 SD Symphony presents Jose Iturbi, piano, with Peter Eros conducting. 8 PM Nov 30, Dec 1; 8 PM Dec 2 at E County Performing Arts Ctr, 210 E Main St, El Cajon, 239-9721, admis.
- Dec 1 Gospel Choir Concert directed by Cecil Lytle. Mandeville Recital Hall, UCSD, 8 PM, 452-3120, free.
- Dec 2 LJ Civic/University Symphony plays Haydn's "Mass in the Time of War," Mozart's "Coronation Concerto in D Major" directed by Thomas Nee, David Chase. 8 PM Sat, 3 PM Sun, Mandeville Audit, UCSD, 452-3120, admission.
- Dec 7, SD Symphony Orchestra presents gala holiday program conducted by Charles Ketcham with Tatsuo Sasaki, marimba soloist. Thurs, Fri 8 PM, Sun 2:30 PM. Civic Theatre, 202 C St, 239-9721, admission.



## THEATRE

- thru "Otherwise Engaged" by Simon Gray.
- Nov 5 Eves at 8 PM; 2 PM Oct 8,15,22,29, Nov 5. Carter Centre Stage, Balboa Park, 239-2255, admission.
- thru "The Robber Bridegroom" musical, book, lyrics by Alfred Uhry, based on novella by Eudora Welty. Eves at 8 PM; 2 PM Nov 5. Old Globe Theatre (Spreckels) 2nd/Broadway, SD, 239-2255, admission.



thru "The Mousetrap" Agatha Christie  
 Nov 11 mystery. Lamb's Players Theatre,  
 500 E Plaza Blvd, National City,  
 474-4542, admission.

thru "A Doll's House" by Ibsen, 8 PM  
 Nov 18 Fri, Sat; 2 PM Nov 5, 12. Vineyard  
 Shopping Ctr, 1511 E Valley Pkwy,  
 Escondido, 746-6669, admission.

thru "Count Dracula" by Ted Tiller, 8:30  
 Nov 19 PM Thurs, Fri, Sat, Sun. California-  
 Pacific Theatre, 211 E St, 234-7938,  
 admission.

thru "Monique" suspenseful melodrama.  
 Nov 25 8:30 PM Thurs, Fri, Sat; 2 PM Nov  
 5; 7 PM Nov 19. San Dieguito Little  
 Theatre, Del Mar Fairgrounds, 755-  
 7358, admission.

thru "Ladies at the Alamo" by Paul Zindel.  
 Nov 25 8 PM Fri, Sat, Sun. Coronado Play-  
 house, 1775 Strand Way, Coronado,  
 435-4856, admission.

thru "Otherwise Engaged" by Simon Gray.  
 Nov 8:30 PM Thurs, Fri, Sat. Mission  
 Playhouse, 3960 Mason St, Old Town.  
 295-6453, admission.

Nov 1, "Of Mice and Men" by John Steinbeck.  
 3,4,5 Mandeville Rectial Hall, UCSD. Tic-  
 kets at UCSD Theatre Box Office,  
 Matthews Campus. 8 PM, 2 PM Nov 4,  
 452-3120, admission.

Nov 1- "Last of the Red Hot Lovers" by  
 Dec 10 Neil Simon. Fiesta Dinner Theatre,  
 9665 Campo Rd, Spring Valley. See  
 Oct issue for schedule or phone  
 297-8977.

Nov 5 National Theatre of the Deaf pre-  
 sents "Volpone" and poems by Dylan  
 Thomas. 8 PM, Mandeville Audit,  
 UCSD, 452-3229, admission.

Nov 10 "Uncle Vanya" by Chekhov presented  
 11,15, by SDSU Theatre. 8 PM San Diego  
 16,17, State University Theatre, 5400  
 18 Campanile Drive, SD, 286-6884,  
 admission.

Nov 10 SD Junior Theatre presents "Twelve  
 -19 Dancing Princesses." 7:30 PM Fri;  
 2 PM Sat, Sun. Casa del Prado Theatre,  
 Balboa Park, 239-8355, admission.

Nov 14 "Heartbreak House" by George Bernard  
 -Dec 3 Shaw. Eves 8 PM; 2 PM Nov 19,26,  
 Dec 3. Old Globe Theatre (Spreckels),  
 2nd/Broadway, SD, 239-2255, admis.

Nov 16 "The Importance of Being Earnest"  
 -19,22 by Oscar Wilde, directed by Eric  
 24-26, Christmas. 8 PM, UCSD Theatre,  
 29,30, Warren College.

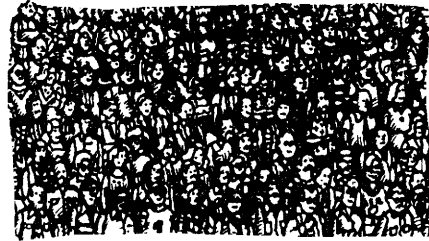
Dec 1, Tickets at UCSD Ticket Office.  
 2 452-3120.  
 admission.

Nov 21 "The Enchanted" by Jean Giraudoux.  
 -Dec 24 8 PM nightly except Mon; 2 PM Nov  
 5,28,Dec 3. Carter Centre Stage,  
 Balboa Park, 239-2255, admission.

Nov 23 "Timbuktu!" musical with Eartha  
 -30 Kitt. Fox Theatre, 7th/B Sts, SD.  
 Mon-Sat eves; Wed, Sat matinees.  
 231-8995.

Nov 28 "The House of Bernardo Alba" by  
 29,30, Garcia Lorca. Room 2250, Humanities,  
 Dec 1, Social Sciences Building, Muir Col-  
 2 lege, UCSD. Tickets available at  
 door only; 99¢, 452-3120.

Dec 6 "Dracula" with Jeremy Brett. Fox  
 -13 Theatre, 7th/B Sts, SD. Mon-Sat  
 eves; Thurs, Sat matinees, 231-8995.



## FILMS

thru "To Fly"/"Sky-Fire" multi-media  
 Nov 1 films. Reuben H. Fleet Space Theater,  
 Balboa Park, 238-1168, admission.

thru First Annual SD International Film  
 Nov 4 Festival, 9-day festival of recent  
 films from around world, screened  
 in original language with English  
 subtitles. Schedule to be announced.  
 Series tickets available, 454-9400,  
 admission. Sherwood Hall, LJ Museum  
 of Contemporary Art, 700 Prospect  
 St, LJ.

Nov 12 African Film Series depicting culture,  
 -26 music of Africa. Suns 1,2,3 PM, Action  
 Room, SD Museum of Man, Balboa Park,  
 239-2001.

Nov 16 Evenings at the Apolliad presented  
 by SD Mesa College: "Hungary" docu-  
 mentary film by Sherilyn, Matthew  
 Mentess. Montgomery Jr HS, 2470  
 Ulric St, SD. 8 PM, tickets by series  
 or at door, 279-2300, admission.

Dec 3 African Film Festival features  
 "African Community - Masai"/"Daily  
 Life of the Booze People!" 1,2,3  
 PM, SD Museum of Man, Balboa Park,  
 239-2001, free with museum admis.



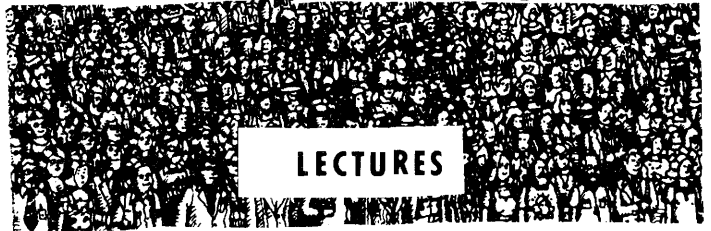
## CLASSES

thru "Paul Saltman and Friends" extension  
 Nov 21 course in conversation including  
 Nobel laureate Francis Crick, Helen  
 Copley, Dr. Arnold Mandell, Dr. John  
 Isaacs, Drs George/Jean Mandler,  
 Dr. Marshall Orloff. 7:30-9:30 PM  
 Tues, Room 1105, Basic Sciences  
 Bldg, UCSD School of Medicine, 452-  
 3400, fee, advance enrollment.

thru "Weavings of Many Cultures" by Dee  
 Nov 27 Menagh. 9-11 AM, SD Museum of Man,  
 Balboa Park, 239-2001, fee.

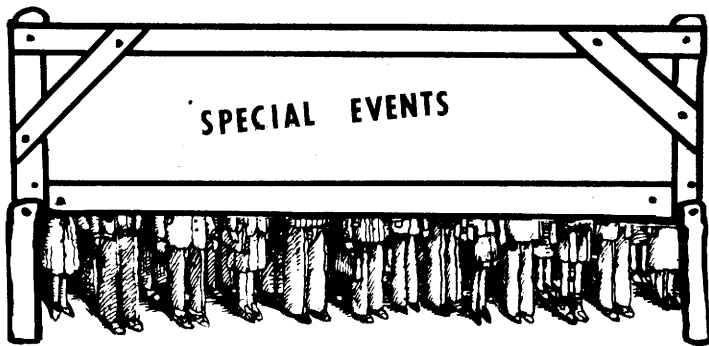
- Nov 1 Art and Artists: Toward the Art of the 80's sponsored by SDSU features "Art, Politics" 3 Attitudes." 7 PM, Rm A412, SDSU, individual or series (included in 2 credit courses). 286-5147/6511, fee.
- Nov 1 "Self-Protection for Classroom Teachers" UCSD Extension seminar. 7:30-9:30 PM, Rm 107, 3rd Lecture Hall Bldg, 3rd College, UCSD, 452-3400, small fee.
- Nov 4 "Family Estate/Tax Planning" UCSD Extension program. 9 AM-4 PM, Rm 104, 3rd Lecture Hall Bldg, 3rd College, UCSD. Bring bag lunch, 452-3400, fee.
- Nov 4 "Finding Your Place in the Writing World" UCSD Extension course for writers. 9:30 AM-4 PM, Rm 1110, Psychology/Linguistics Bldg, Muir College, 452-3400, fee.
- Nov 4 Rock Art Symposium - Rick McClure, keynote speaker. 9 AM-5 PM Otto Audit, SD Museum of Man, Balboa Park, 239-2001.
- Nov 4- Dec 9 "Holiday Foods" 4 workshops on foods from foreign countries. Reservations necessary, 9:30 AM-12 noon, SD Museum of Man, Balboa Park, 239-2001, fee.
- Nov 8-22 Great Books Discussion Group No 1. 7-9 PM, Story Hour Room, SD Public Library, 820 E St, 236-5849, free.
- Nov 11 "Art, Artists, and the Law" one-day program presented by UCSD Extension with instructor John H. Merryman, Albert E. Elsen. 9 AM-4:30 PM, Rm 1402, Humanities Library Bldg, Revelle College, 452-3400, fee.
- Nov 14 Society of Children's Book Writers meeting. 7-9 PM, Story Hour Rm, SD Public Library, 820 E St, 236-5849.
- Nov 17 "The Obsessional Personality Style - A Special Lecture by Psychiatrist Allan Mallinger" presented by UCSD Exten. 8 PM, Rm 107, 3rd Lecture Hall Bldg, 3rd College, UCSD, 452-3400, fee.
- Nov 18 "Getting Through the Holidays" lecture by counselor R. Sheila Frank on medically recognized condition, "holiday blues." 9 AM-4 PM, Winzer Commons, Basic Sciences Bldg, UCSD School of Medicine, 452-3400, fee.
- Nov 18-19 "The Romance of Brass Rubbing" UCSD Extension week-end program. 9 AM-5 PM Sat, 9 AM-3:30 PM Sun. Room 111A, Administrative Complex, UCSD. 452-3400, fee includes all materials.
- Nov 25 Great Books Discussion Group No 2. 2:30-4:40 PM, Story Hour Rm, SD Public Library, 820 E St, 236-5849, free.
- Nov 29 Art and Artists: Toward the Art of the 80's: "Extending Sculpture/Extending Clay" by Peter Voukos, bay area ceramic sculptor. 7 PM, Rm A412, SDSU, 286-6511. Admission by series or single tickets.

- Dec 2 Bread workshop for the holidays by Bobbie Winkelman. 9 AM-12 PM, reservations, SD Museum of Man, Balboa Park, 239-2001.
- Dec 6 Art and Artists: Toward the Art of the 80's: "The Emergence of Artists' Performance" by Moria Roth. 7 PM, Rm A412, SDSU, 286-6511. Admission by series or single tickets.



- thru Dec 7 Lecture series on role of biology in society features 2 Nobel laureates as well as other UCSD, Salk faculty members. 7-10 PM Thurs, Rm 1105, Basic Sciences Bldg, UCSD School of Medicine. Call 452-3400 or register at door, fee.
- Nov 1, 8 People/Places: slide programs in color. 10 AM-12 PM, Story Hour Rm, SD Public Library, 820 E St, 236-5849, free.
- Nov 3 Docent Committee of the Fine Arts Gallery Slide-Lecture Series presents "Abstract Imagery: Reason vs. Mysticism." Copley Audit, Balboa Park, 10 AM, series basis only, 224-2941.
- Nov 4 Rock Art Symposium. 9 AM-5 PM, Otto Audit, SD Museum of Man, Balboa Park, 239-2001, fee.
- Nov 7 75th Anniversary of SIO lecture: "Searches for Drugs from the Sea" by Dr. D. John Faulkner, Assoc Prof of Marine Chemistry. 8 PM, Sherwood Hall, LJ Museum of Contemporary Art, 700 Prospect St, LJ, 452-3624.
- Nov 8 Caring About Your Body "Breast Cancer - Surgery as a Choice/Living with your Decision" presented by Woman's Institute for Continuing Jewish Education, 4079-54th St, SD. 7:30 PM, 583-3300, admission.
- Nov 10 Docent Committee of the Fine Arts Gallery presents Slide-Lecture Series: "Non-Rational Forms of Art: Randomness, Change." Copley Audit, Balboa Park, 10 AM, series basis only, 224-2941.
- Nov 10 "Traditional, Contemporary Music of India" by Prof of Anthropology Dr. Ed Henry of SDSU. 7:30 PM, Action Rm, SD Museum of Man, Balboa Park, 239-2001, admission.
- Nov 13 SD Woman's Committee of IA Philharmonic Lecture Series: "Behind the Headlines" by Val Gould of KFI Radio. 1:30 PM, House of Hospitality, Balboa Park, 222-4133, series or single tickets.
- Nov 14 Meet the Masters Lecture Series: "Venice: The Golden Age of Painting" by Alla Hall, IA County Museum

- of Art. 10:45 AM, Copley Audit, Fine Arts Gallery, Balboa Park. Lunch available by reservation, 232-7931.
- Nov 17 Docent Committee of the Fine Arts Gallery presents Slide-Lecture Series: "The Last Ten Years - Perception vs Conception." 10 AM, Copley Audit, Balboa Park, series basis only, 224-2941.
- Nov 21 "Ferns" by Raymond Sodomka, President of SD Fern Society. 1:30 PM, LJ Woman's Club, 715 Silverado, LJ.
- UCSD New Poetry Series continues Weds at 4 PM, Revelle Formal Lounge. For specific dates, poets, call Michael Davidson, 452-2533.
- Wednesday Evening Poetry Readings features local poets. 7-9 PM, Lecture Room, SD Public Library, 820 E St, 236-5849.



- thru Chinese Folk Festival: Exhibits of fine arts, artifacts, photographs. 1-4:30 PM Tues-Fri, Sun. Movie, lecture "Chinese in SD Since 1847" at 3 PM. Villa Montezuma, 1925 K St, 239-2211, free.
- Nov 3-5 Fiesta de la Cuadrilla: Annual square, round dance festival. Balboa Park, 565-7764/465-9205.
- Nov 4, 5 Greek Festival: Import booths, Greek dancing, music, cuisine. 10 AM-11 PM Sat, 12-11 PM Sun. Scottish Rite Memorial Ctr, 1895 Camino del Rio S, Mission Valley, 297-4165/281-2519, admission.
- Nov 9-12 San Diego Antique Show, Del Mar Fairgrounds, Del Mar, admission, 682-7980.
- Nov 10 Friends of the Library Meeting, 2 PM, Lecture Rm, SD Public Library, 820 E St, 236-5849.
- Nov 11 Miramar Air Show, Open House. Naval Air Station, Miramar, 271-3511, free, all day.
- Nov 14 People to People's Tiajuana Tour: sightseeing, lunch, shopping trip guided by experienced People to People guides. For more information, see the flyer enclosed in this issue.
- Nov 14 Star of India's 115th Birthday Party. 9 AM-8 PM, Embarcadero, 1306 No Harbor Dr, SD. Free refreshments, 234-9153, admission.
- Nov 18 Around the World with the YWCA. 33rd Annual World Festival. 10 AM-4 PM, 1012 C St, SD, 239-0355, free.

- Nov 18 African Bazaar features fibres, -26 instruments, weapons, artifacts, jewelry from Africa. SD Museum of Man, Balboa Park, 239-2001.
- Nov 19 Mother Goose Parade. 1 PM Magnolia/Madison, El Cajon, 444-8712, free.
- Nov 27 Starlight Yule Parade to welcome Christmas season. 7 PM, down 3rd Ave, Chula Vista, free viewing, 420-6602.
- Nov 30 Christmas Decor, Home Tour. 11 AM, Sweetwater Woman's Club, 3855 Sweetwater Rd, Bonita, 479-5629, admis. Second Saturday each month - social with folk dances, music of different nationalities. 8 PM, House of Pacific Relations, Balboa Park Club, 234-9164/469-3463/582-8212, admission.
- All Year - lawn programs presented by various nationality groups. 2:30 PM Suns through Oct 29. Open house at all cottages 2-5 PM Sun through Oct 29, 1:30-4:30 PM Nov 5 on. House of Pacific Relations area, Balboa Park, 466-7654, free.

## TOURS, TRIPS, WALKS

- Nov 3-11 "Colonial Washington, Virginia: Art, Architecture, Gardens, Decorative Arts of Washington, DC, Alexandria, Williamsburg, Va" study tour sponsored by UCSD Extension. Orientation meeting 12 noon-2 PM Sun, Oct 15, fee, 452-3400.
- Nov 14 People to People's Tiajuana Tour: sightseeing, lunch, shopping trip guided by experienced People to People guides. For more information, see the flyer enclosed in this issue.
- Nov 22-29 East Coast Connoisseurs' Tour sponsored by Fine Arts Gallery of SD. Departs for Washington, D.C., Williamsburg, Va, NY for visits to famous museums, private collections. Fee includes contribution to Fine Arts Society. For reservations, call 291-0512.
- Dec 16-23 "The Sea of Cortes - A Natural History Field Study" study tour led by Oceanographer Ted Walker sponsored by UCSD Extension. For further information, call 452-3400.
- Dec 17 Christmas in Mexico - 14 day tour with archaeologist, art historian Dr. Alana Cordy-Collins sponsored by SD Museum of Man, UCSD Extension. Includes Mayan ruins of Palenque, Oaxaca, Monte Alban, Mitla. For information, call 239-2001, x 27.
- Open Run - Historic tour of Victorian homes in SE SD including 26 turn-of-the-century buildings in Golden Hill, Sherman Heights sections. Information, background provided by SD Historical Society and includes churches as well as homes. For more information, 232-3101.
- All Year - Footloose in SD: scenic daytime, evening walks throughout SD County. Call for time, place: 223-WALK, free.

**Bear Facts**

**Month: November**

**Year: 1978**



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