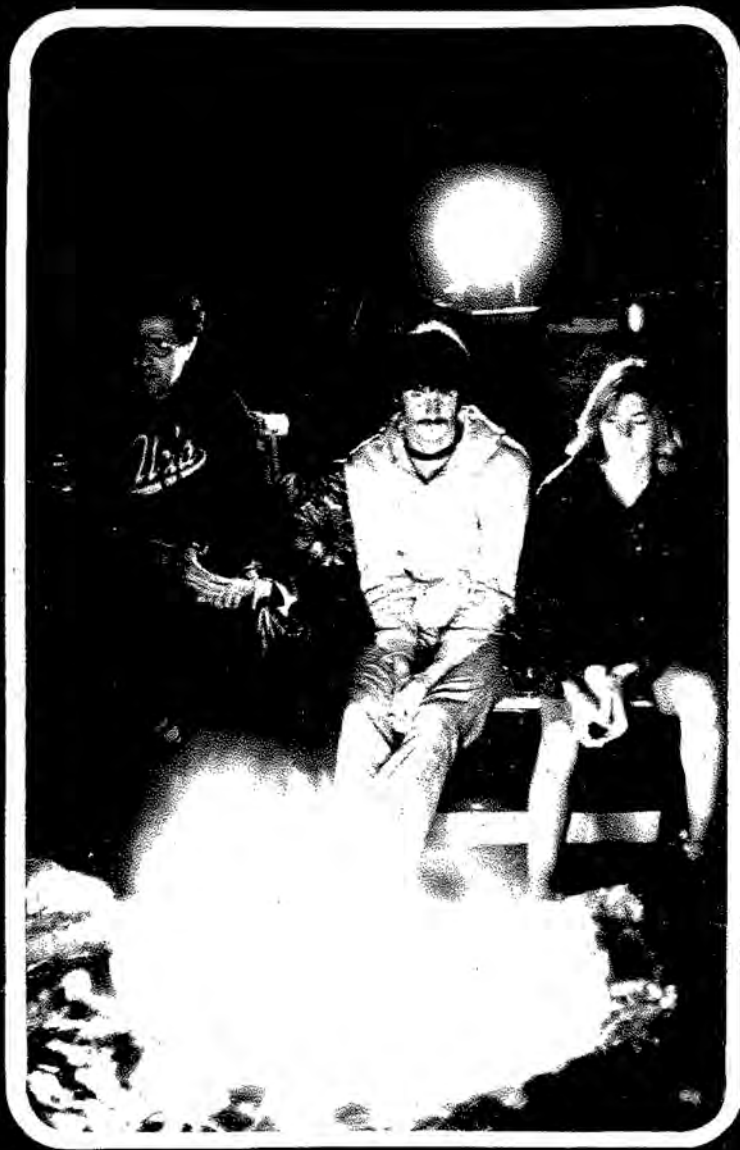


alumni
yearbook
1984



ACKNOWLEDGEMENTS

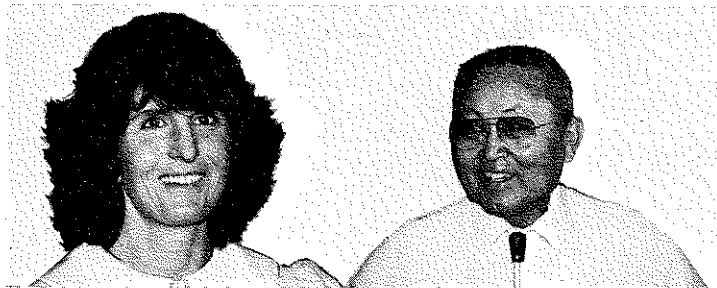
The cover, unfortunately not in color (c.f., Georges de La Tour ca. 1595), is reprinted from one of graduate student Tim Patterson's fall fieldtrip slides, commissioned by the Editor for just such a purpose. Professor William Newman, left, graduate student Dave Williams, center, and undergraduate Lynn Andrews contemplate the mysteries of Earth around a campfire on the Department's fall field trip (to almost everywhere in California). Most of the remaining photographs are the sole responsibility of Takeo Susuki and his son, Mark. Takeo's work tying up loose ends, locating and entertaining alumni, putting names and faces together, and preparing a lion's share of the photowork has earned him the dubious honor of an associate editorship and barely adequate thanks for all his help.

Excuses, Excuses, Excuses...

One thing about the Newsletter, it's never the same from year to year. This one seems to be the opposite end of the spectrum from last-year's model: Thrown together under a real deadline's pressure, there's no telling what may lie in wait in these pages.

There were more weighty changes in the Department during 1984 than perhaps in all those thus-far reported. We have a new admiral and a new captain on the bridge: Bill Kaula has gone off to Washington to head up the U.S. Geodetic Survey, taking a leave of absence from UCLA while he thinks it over. The new admiral is almost as small as Gary Ernst is large: Little has nothing to do with strength and determination, however, as Geophysicist Margaret Galland Kivelson (alias "Margy") is quickly teaching us in her new role as Department chair. Those of you who have been around sometime during the last 20 years will know how different a place the Department will be without George Lapins at the helm. George took early retirement at the end of December and will try his hand at navigating the troubled waters of Lake Tahoe. In his stead, young, enthusiastic Paul Stoney comes to us from the U.S. Navy full of intentions to have everything shipshape within a few month's time. The Newsletter and its editor(s) have fallen under his scrutiny; no more lax, easy deadlines. This baby is going to go out ON SCHEDULE, finished or not. Unfortunately for Paul and the readership, the Editor as usual didn't have everything ready to go out on January 1. Paul gave us two weeks, lighting enough of a fire to force a February 1 deadline. Thus, the abridged version. We did put together the most important section, with the same loving care as always, but there are many good intentions lying on the cuttingroom floor. Next year....

With Paul as Captain, we have fond hopes of finally winning the battle for revamped alumni files and personnel to manage them. The Newsletter may even have a real staff instead of catch-as-catch can illustrators, stringers, and paleontologists. Your comments have been and will be very helpful in supporting and directing its future. Please take a few minutes now--before you forget--to look over the last page. It's postage free again; just fold, staple and mail it back. The Newsletter, henceforth called the "Alumni Yearbook" is of the alumni, by the alumni, and for the alumni. If it doesn't suit your tastes, we need to know about it!



The "Editorial Staff"
Vicki Doyle-Jones
Dave & Kathy Jackson
Takeo Susuki



DEPARTMENT OF EARTH AND SPACE SCIENCES
3806 GEOLOGY BUILDING
LOS ANGELES, CALIFORNIA 90024

1 February 1985

Dear E&SS Alumni:

As the present Chair of the Department of Earth and Space Sciences, I welcome this opportunity to greet all of you on behalf of your former teachers, colleagues, and friends. I had an opportunity to meet quite a few of you at our Alumni Day on October 5, 1984. We were delighted that 64 of you joined us to honor John and Frances Handin and Wilbur K. Sherman who have endowed two student fellowships. The Department is always limited in its opportunity to attract the very best of the student applicants because of the shortage of fellowship support, so these new endowments are particularly welcome. We also honored the Stern Foundation, represented by Bette and Marvin Hoffenberg, for their donation toward the purchase of a sophisticated, state-of-the-art electron microprobe, and Ted Bear for his continued and diverse contributions to the Department over the years.

This letter provides an opportunity to bring you up to date on some developments in the Department this year. Important changes include:

- the retirement of Helen Tappan Loeblich, a formality in many ways, for she remains actively engaged in research and continues to guide students. We are fortunate that she is still part of our faculty strength,
- the retirement of George Lapins after 22 years of keeping the Department going. We miss him and recall affectionately his dedication to the Department and his personal warmth and kindness,
- the arrival of Paul Stoney, George's successor, who has joined me and the Vice-chairs (Dave Jackson, Wayne Dollase, and Clem Nelson) in the task of steering the Department toward its objectives. He already knows most of the faculty and staff and is slowly getting to know the students, too,
- the departure of Bill Kaula, the previous Department Chair, to head the U.S. Geodetic Survey. He is on leave at this time, but we hope that the attractions of California will bring him back,
- the departure of Lowell Weymouth, our photographer, who retired last spring after more than 30 years of service to the University.

The Department will make three faculty appointments, one in sedimentology and two in paleontology. The applicants are impressive, and we are confident that our strength in geosciences will grow with these

additions. The recent establishment of a "Center for the Study of Evolution and the Origin of Life" in the Institute of Geophysics and Planetary Physics, with Bill Schopf as Director, has created a special sense of excitement, and our paleo faculty will surely benefit from its presence on Campus. Thus, we assure you that paleo is alive and flourishing at UCLA; our recent decision to transfer the invertebrate collections to the Los Angeles County Museum of Natural History on permanent loan reflects changing emphasis of interests and specialties and not any reduced commitment to the field. (We are confident that the collection will continue to be well curated and accessible to serious scholars after the transfer to the Museum.)

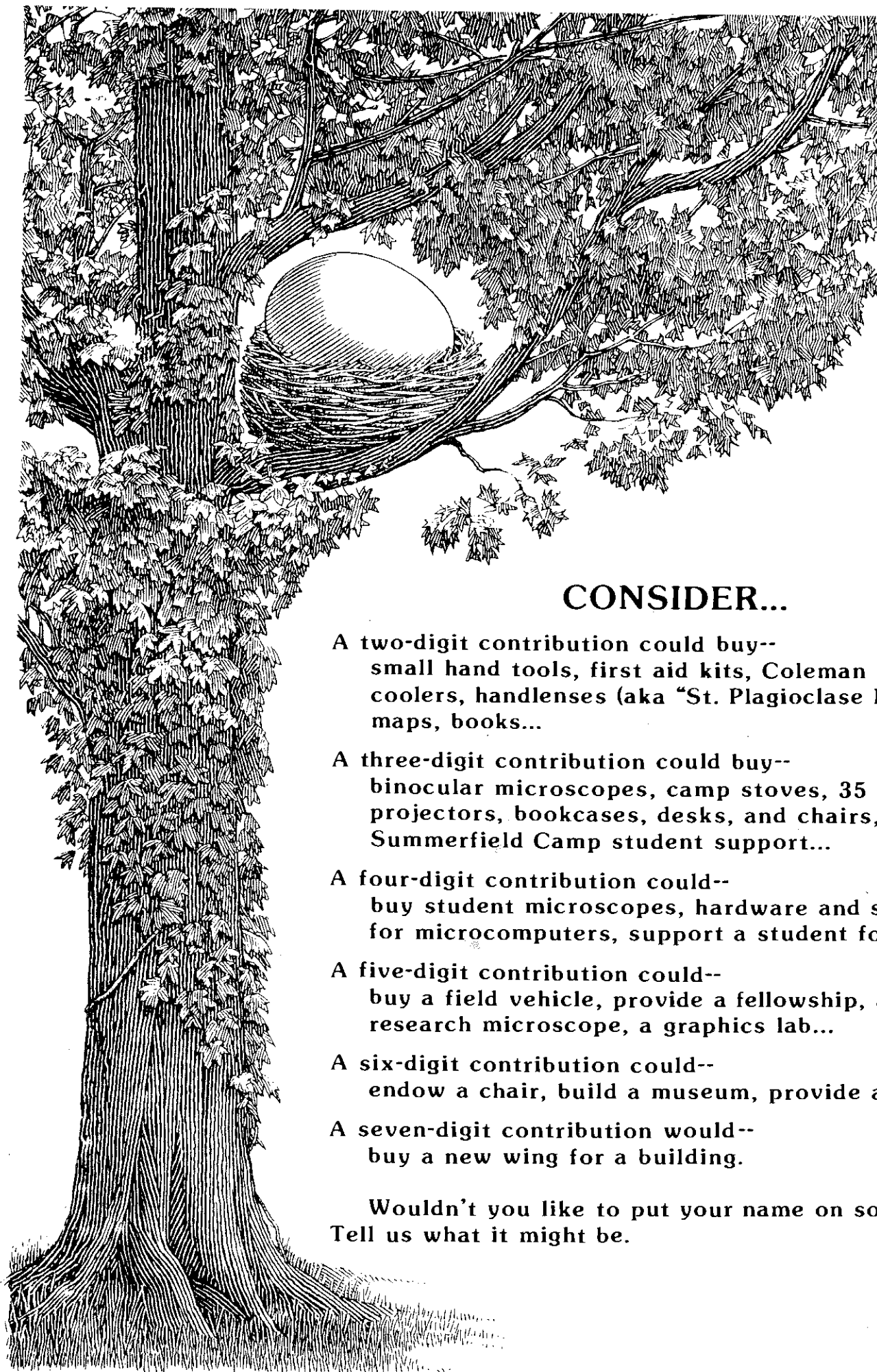
We are eager to hear from you. For several years, our Vice Chair for Alumni Relations has been Ian Kaplan, and he has undoubtedly contacted many of you in that capacity. This quarter, Ian is on sabbatical and Clem Nelson has taken over as Vice Chair for Alumni and Development. Please contact him if you have questions or news.

Best regards and greetings

Margaret G. Kivelson

Margaret G. Kivelson
Chair

MGK:vbj



CONSIDER...

- A two-digit contribution could buy--
small hand tools, first aid kits, Coleman lanterns,
coolers, handlenses (aka "St. Plagioclase Medals"),
maps, books...
- A three-digit contribution could buy--
binocular microscopes, camp stoves, 35 mm
projectors, bookcases, desks, and chairs,
Summerfield Camp student support...
- A four-digit contribution could--
buy student microscopes, hardware and software
for microcomputers, support a student for a year...
- A five-digit contribution could--
buy a field vehicle, provide a fellowship, a new
research microscope, a graphics lab...
- A six-digit contribution could--
endow a chair, build a museum, provide a trustfund...
- A seven-digit contribution would--
buy a new wing for a building.

Wouldn't you like to put your name on something?
Tell us what it might be.



MAGNIFICENT, MUNIFICENT DONORS
July 1983 through June 1984
CORPORATE DONORS

Atlantic Richfield
ATLANTIC RICHFIELD (matching Jamison, Zeck, Hall)
EXXON CORPORATION (matching Faggioli, Harding)

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STANDARD OIL CO. (Calif.) (matching Maynard)
SUN OIL CO. (matching Johnson, Wilson)
UNION OIL CO. (matching Johnson, Wilson)



Alumni Day honorees, Ted Bear (left), Wilbur Sherman,
Dean Clarence Hall (Master of Ceremonies),
Marvin and Bette Hoffenburg from the Stern Foundation,
and Chair Margaret Kivelson
pose gleefully with awards for the
Department's most generous supporters.

***Please make certain your donation checks say
"UCLA Foundation - EARTH AND SPACE SCIENCES."
If you don't , they go into the Foundation's General Fund,
and we never see them!***

7

TO THE ALUMNI CONSULTANTS

*In appreciation for continued support of
the UCLA Geology Summer Field Program*

Kovacs-Byer and Associates, Inc.

Kovacs-Byer-Robertson, Inc.

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Glen Wyatt

Robert Zweigler

Margaret G. Kivelson
Margaret G. Kivelson, Chair

Clemens A. Nelson
Clemens A. Nelson, Undergraduate Advisor

**Department of Earth
and Space Sciences**

University of California,
Los Angeles

JOHN HANDIN TRIBUTE

By Kathleen Jackson

Yet another distinguished alumnus has been recognized for outstanding geoscience: John W. Handin (A.B., 1942; M.A., 1948; Ph.D., 1949). Barry Raleigh (Ph.D., 1963) presented John the Walter H. Bucher Medal during the 1983 AGU meeting. The high praise of that presentation we suggest below:

Integrity, commitment to exacting measurements and critical judgment of one's own ideas...are a Handin specialty....John Handin is one of the kindest mentors and warmest friends that can be found.

In accepting the award, John turned the clock back to another Bucher medalist: his "friend and mentor, David Griggs" with whom John had worked as a post-doctoral associate (1949-50). With Griggs, Turner, and Borg, John wrote papers on Yule Marble which led to the first predictions of calcite fabric. John's continuing experiments on rock deformation helped explain field observations of ductility and faulting for decades to come.

Beginning in the 1950's John collaborated with King Hubbert to establish strong tectonophysicists at Shell's research labs in Houston. After a visiting professorship at Columbia, John returned to Texas as Professor of Geology and Geophysics at Texas A & M (1967-84), established and directed their Center for Tectonophysics (1967-78), and then directed their Earth Resources Institute (1978-82). One administrative duty overlapped another during that period when John wore still another hat as Associate Dean of Geosciences (1973-82). Now retired from Texas A & M, he works independently as a Distinguished Professor Emeritus (1984-).

Having spent nearly all his "professional life in Texas," John was pleased to accept an award which recognized

"reputable research...somewhere between the East Coast and West Coast and south of Chicago." Our special congratulations to this thriving UCLA transplant.



GEOHISTORY

We had plans for another section of Department history, focusing this year on the geophysical side of our evolution; but time constraints hit Kathy Jackson, too, and she wasn't able to produce in time for the two-week deadline with which we were saddled. Then we realized that we had an *apport* that would serve far better than anything we could devise. Somehow none of us had heard of the death of **ROBERT WALLACE WEBB** (B.A., 1931; M.A., 1932) on May 4, 1984. We had received a delightful letter from him on February 6, 1984, full of fun and high spirits - he was obviously in fine fettle. The shock of the news, which Clem Nelson brought to our attention by distributing the announcement of the "Robert Wallace Webb Memorial Symposium" on February 6, 1985, was mitigated by the knowledge that he had died "with his boots on," doing what he loved most - rambling over hill and dale with geology students. **BOB NORRIS** (B.S., 1943) is part of the memorial symposium (as are a half dozen other notable UCLA alumni), and he willingly supplied photos and the obituary for Robert Webb that is excerpted at the end of this section. Professor Webb's letter is printed below in its entirety, pictures and comments as he wrote them. More than anything we could produce, Robert Webb IS history for us: student, teacher, alumnus, and friend to generations of earth scientists.



Professor Robert Wallace Webb, 74, died May 4, 1984, while on an undergraduate geology field trip near Mammoth Lakes, California. He is survived by his wife of 51 years, Evelyn Elaine Webb, three sons, ...and five grandchildren.

He was born in Los Angeles, California, November 2, 1909, attended public schools there, and entered the Southern Branch of the University of California (now UCLA) in 1926. He earned his bachelor's degree in 1931 and briefly attended the University of Washington that year. Late in 1931, he entered the California Institute of Technology, from which he received both the M.S. (1932) and Ph.D. (1937) degrees. During 1932 he also earned a general secondary teaching credential from USC. From 1932 to 1937, Bob taught at UCLA while working on his Ph.D. at Caltech. In 1937, when he completed the Ph.D., he joined the faculty at UCLA as an Instructor.

At that time, UCLA undergraduate geology majors were expected to do a senior thesis, and it was Bob Webb who supervised most of these students. Although graduate study in geology at UCLA had begun by 1940...Bob believed in the fundamental importance of the undergraduate program and devoted his considerable energy to make it rigorous, soundly grounded, and timely....

During World War II, Bob became deeply involved in University administration and by 1945 headed the campus office of Veterans Affairs and the University-wide office in 1947. More and more of Bob's time was devoted to University administration during the war years and early post-war period, when he became Associate Dean of the College of Letters and Science. While he was prepared to give up his research activity, he found it a good deal more difficult to put administration ahead of undergraduate teaching and academic advising.

He watched with interest the entry of the Santa Barbara campus into the University system in 1944...Bob saw that Santa Barbara offered an attractive opportunity to limit his deepening involvement in administration while allowing him to strongly influence a new undergraduate major in geology. Bob transferred to Santa Barbara in the fall of 1948, bringing with him the University-wide office of Veterans Affairs....

Bob played a central role in developing the geology major at Santa Barbara, which was authorized in 1956. By 1960, the Department of Physical Science, under his chairmanship, was divided into three departments (Chemistry, Geology, and Physics)....

One of Bob's great gifts was his uncanny ability to quickly and accurately diagnose student problems, to be blunt and forthright about the appropriate solution and at the same time to

convey to the students the knowledge that he really cared about them as persons...An impressive number of distinguished geologists were thus launched on productive careers....

Bob Webb had an enduring impatience with rule-book bureaucracy and personal irresponsibility no matter the source. The University of California - like all organizations - had both; and many a hapless clerk or senior administrator, following rules rigidly without considering the merits of the student's case (it was most often student problems that released the Webb juggernaut), would be told to find a way to get around the offending rule in tones most forceful and with high volume....

Bob's contribution to his science took a rather unusual form in a strong research university. As is evident, his influence was more of geologists than on geology...Bob had an enormous impact on a great number of geology students who had only the most peripheral formal contact with him. He developed for many an appreciation and understanding of their physical environment and had a lasting impact on the science because he had a great impact on many of its practitioners.

In 1973, the National Association of Geology Teachers presented him with the Neil Miner Award for sustained excellence in the teaching of geology. Also in 1973, the Far Western Section of the Association established the Robert Wallace Webb Award for meritorious service to the profession and for effective earth science teaching. He was the first of about 10 recipients of this award.

Those of us who have worked closely with Bob will miss him and his shrewd counsel...He really touched our lives.

C. H. Muller
A. G. Sylvester
R. M. Norris, Chairman



DEPARTMENT OF GEOLOGICAL SCIENCES

SANTA BARBARA, CALIFORNIA 93106

February 6, 1984

Mr. Takeo Susuki
 Department of Earth & Space Sciences
 3806 Geology Building
 University of California
 Los Angeles, California 90024

Dear Takeo:

It has been years since our paths crossed. My fault, but I never go UCLA-ward if I can find an excuse to stay away. I was born in Los Angeles, and the cauldron makes me sick and sad.

I have returned the picture in the super-Alumni Newsletter to John Crowell who will send it on to you. I am enclosing some photos you may use, or keep, or return at your option. I could provide some interesting anecdotes regarding early faculty experiences that would be tickling to the hearts of classes from 1924 through 1948 if you wish them. I suspect that the renewed interest in those undergraduate years is a passing fancy.

There are a few comments and corrections on the content of the superb Newsletter:

(1) Cover: For SHAME: That proud 1929 FRANKLIN (Air-cooled) Series 135 Deluxe Sedan 6 would come back to life just to prove that the Lincoln was a peasant among cars in 1929 compared to the Franklin. I still own 4 Franklins including one like the cover picture!

(2) The "Rock of Ages" p. 9 on is well-written and fun to read. I was not aware that Joe Murdoch wrote in the Centennial Record. He said that "I joined the ranks in 1937." I joined in 1932, and held continuous appointment. The policy of 1930's was (we had no graduate study) to appoint in the rank of Assistant (not teaching assistant) if prospective appointee held only a baccalaureate degree; if a masters degree, the rank was Associate; upon earning Ph.D., rank was instructor. Respective salaries in 1932 were \$1200 per annum (Assistant), \$1500 (Associate); \$1800 (Instructor). But Geology only had \$1200 for the year 1932-33. So I took the job at rank of Assistant at \$1200. (It was 1932 and I was one of two M.S. degree recipients from Caltech Geology (out of 34) who had a job!) We taught 15-25 hours per week in four courses each semester. In 1933-34 the University Budget was cut, and, where I was supposed to be advanced to Associate at \$1500; instead,

February 6, 1984
Page Two

I was reduced to \$1176 per year and did not get "promoted". (Remember, our rent in Santa Monica was \$18 per month in 1934-35 for a nice 1-bedroom cottage!) 1934-35 was advanced in salary to \$1350. In 1935-36, I was on quarter time to complete residence at Caltech for Ph.D. On July 1, 1936, I was advanced to Associate at \$1500, and on July 1, 1937, advancement to instructor at \$2000 (accelerated promotion) occurred because my Ph.D. was conferred in 1937 June. Joe knew this but he probably forgot or got his dates mixed.

(3) On page 16, the "Genealogy" shows W. J. Miller as Chairman from 1923-1931. This is incorrect. Miller was appointed from Smith College, Northampton, Mass. effective July 1, 1924. He served from 1924 through 1937. U. S. Grant was Chairman from 1937-1945. I do not know if Joe Murdoch knew these dates. The first Chairman was Frederick P. Vickery, 1921-1924. The department had two faculty from 21-24 June 30.

I do thank you for the excellent work, and please express my appreciation to Kathy Jackson.

If I may be of assistance, please call upon me.

Sincerely,

Bob

Robert W. Webb
Professor of Geology, Emeritus
Advisor to Seniors (Undergraduate)
Recalled to Active Service

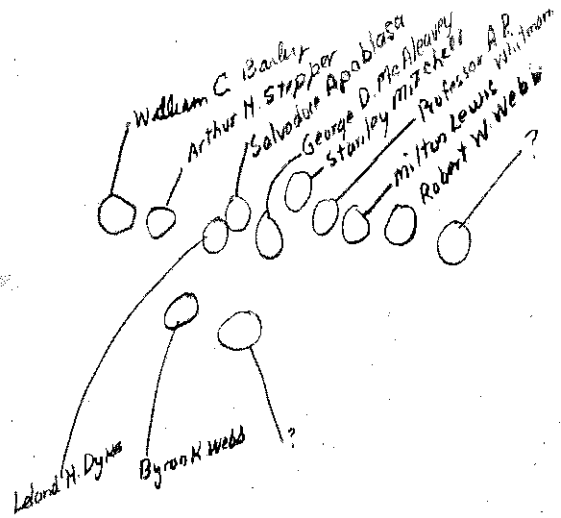
RWW:ed

Enclosure

ROBERT W. WEBB
898 VIA CAMPOBELLO
SANTA BARBARA, CA. 93111



VERNON FIELDP - Alms the Asp.
Class of 41? Geology



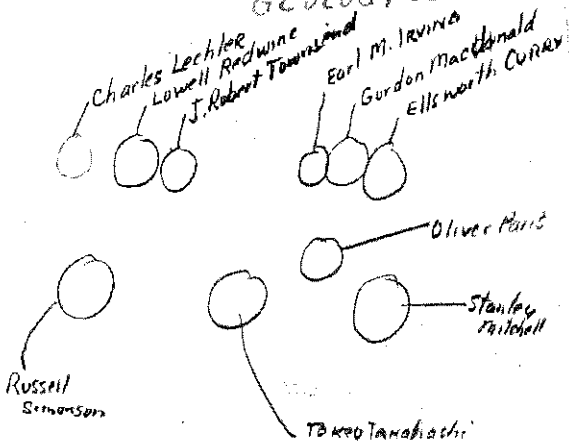
DR. A.R. WHIT
MAN'S MODEL A
FORD ROADSTER
FIELD CAR.

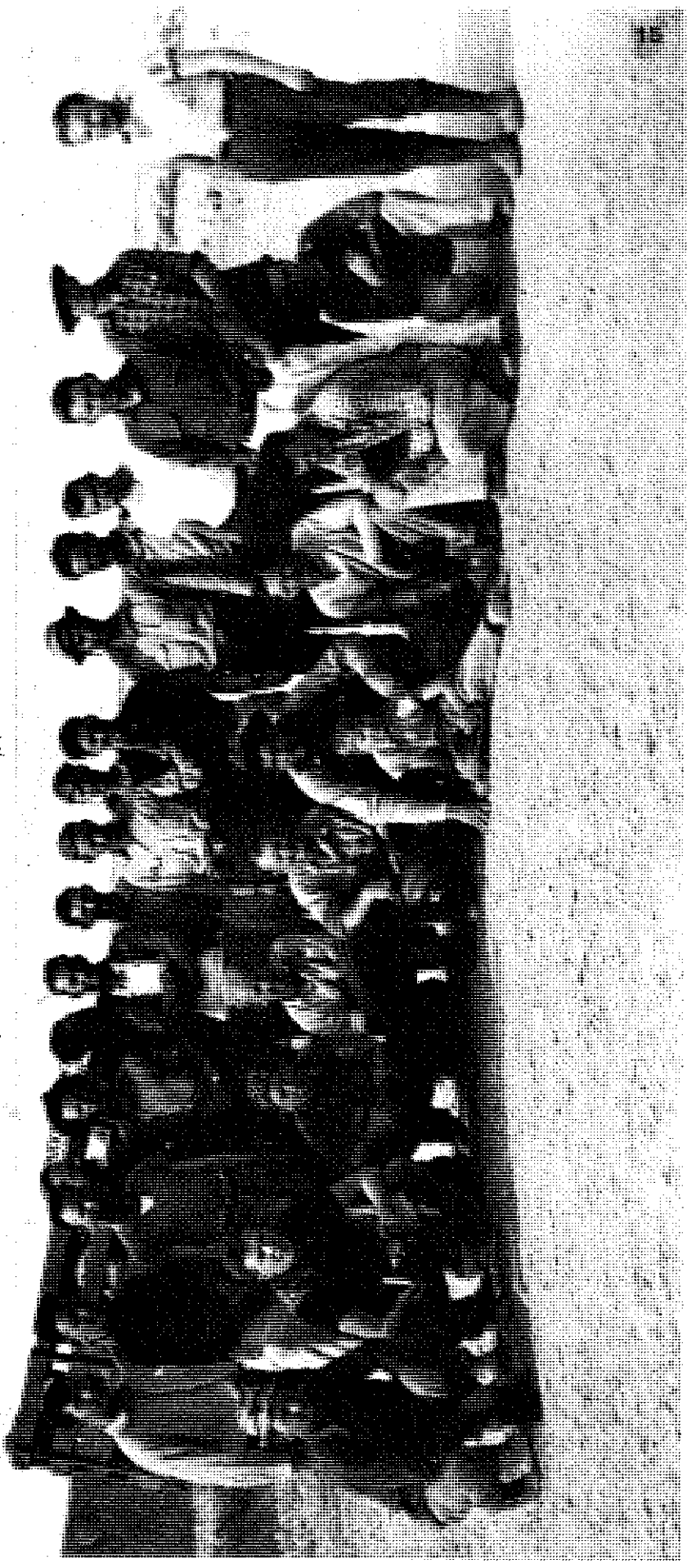
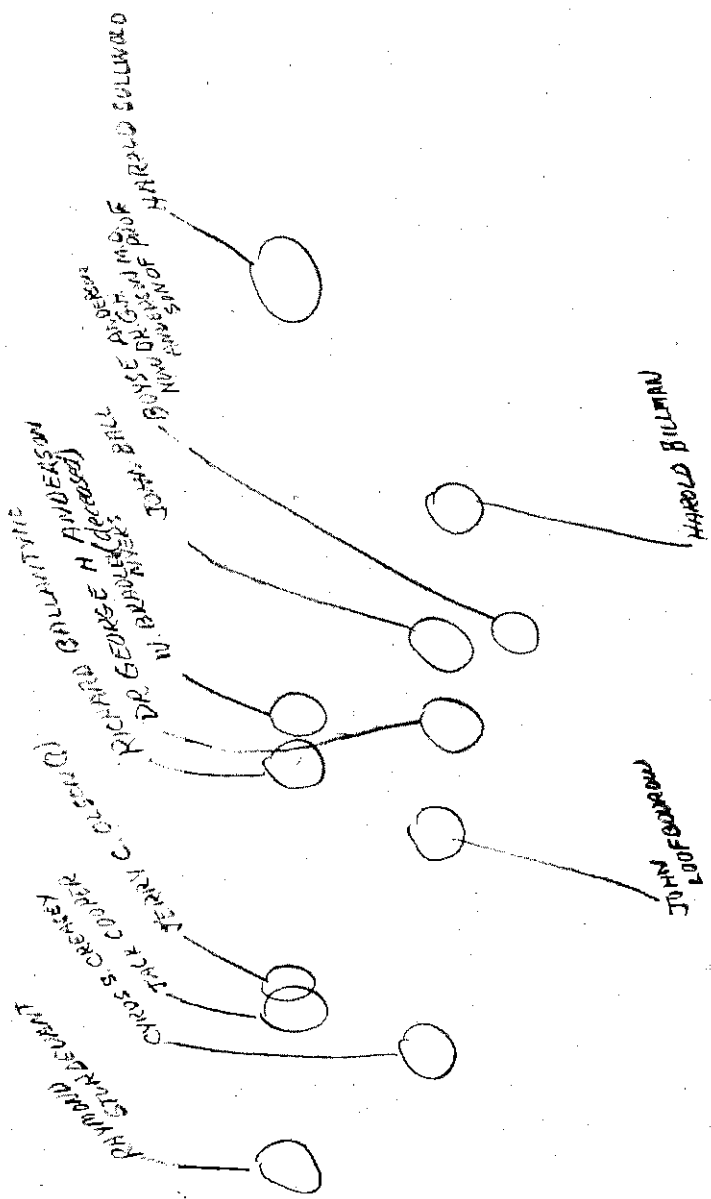


NEAR
MT. BLANCO IN
FURNACE CREEK
WASH
GEOLOG. 102B 1930(?)

← Note 1927 BUICK COUPE
OF R.W. Webb
APRIL-MAY 1930

CLASS OF 1935
GEOLOGY UCLA.

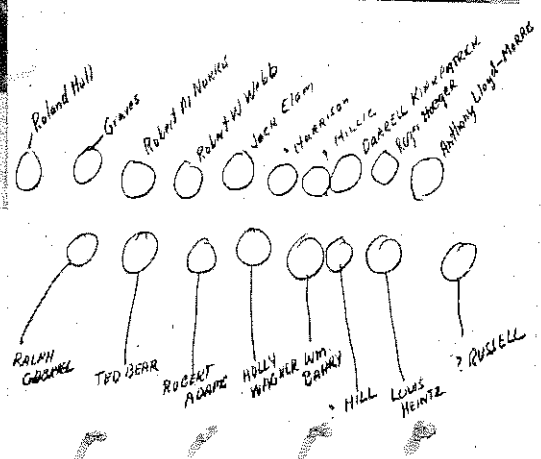




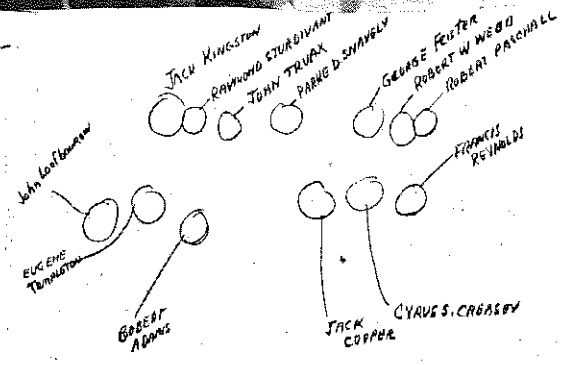


Mid-Sem-
ester Trip
Feb. 1941
IMPERIAL
VALLEY
Asst. Prof.
Webb in
Charge

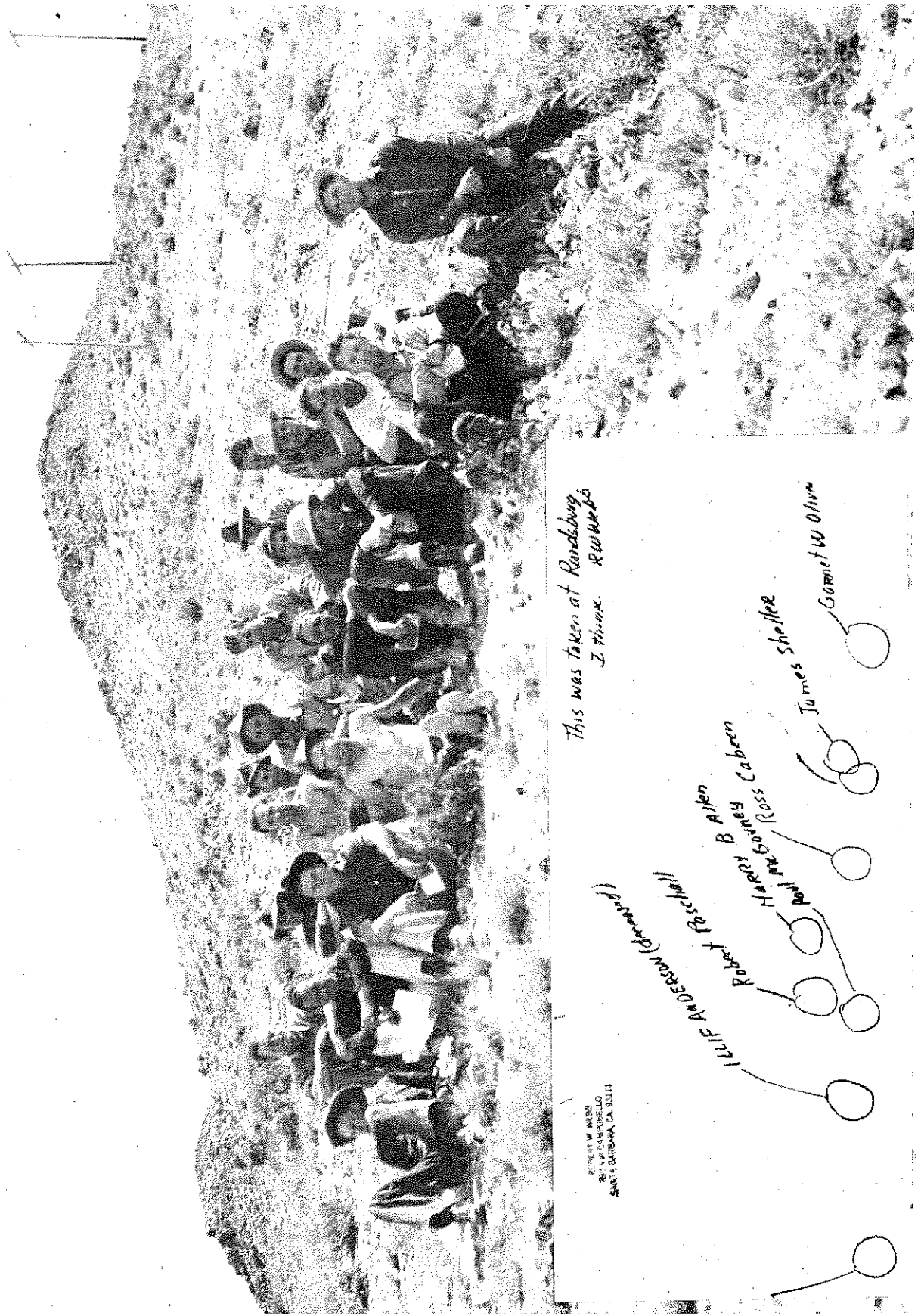
ROBERT W. WEBB
858 VIA CAMPOBELLO
SANTA BARBARA, CA. 93111



RANDBURG
I THINK
Robert W.
Webb
Asst. Prof.
in charge



GEOLGY CLASS OF 1938



This was taken at Randsburg,
I think. RW 1000

ROBERT W. ANDERSON
1801 VAN CAMP BELLE
SANTA BARBARA, CA 93101

LEIF ANDERSON (drawing)

Robert Fischer

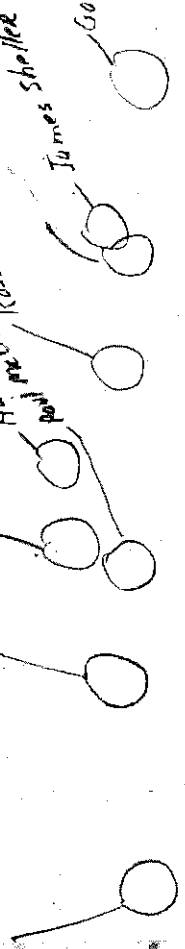
Harvey B. Allen

Paul and Gwyneth Cabern

Ross

James Sheller

Garnet W. Olive



18



DEVIL'S GOLF COURSE
DEATH VALLEY
1930 Spring.

VINCENT KELLEY took
the picture.

ARTHUR STEPPER BYRON K. Webb (deceased)
ROBERT WEBB MILTON LEWIS

ROBERT W. WEBB
898 VIA CAMPOBELLO
SANTA BARBARA, CA. 93111



← SIGMA GAMMA EPSILON
INITIATION: 1930 (?)

ROBERT P.
BRYSON

ARCHER H. WARNE
ALKERR
BOB JOHNSTON



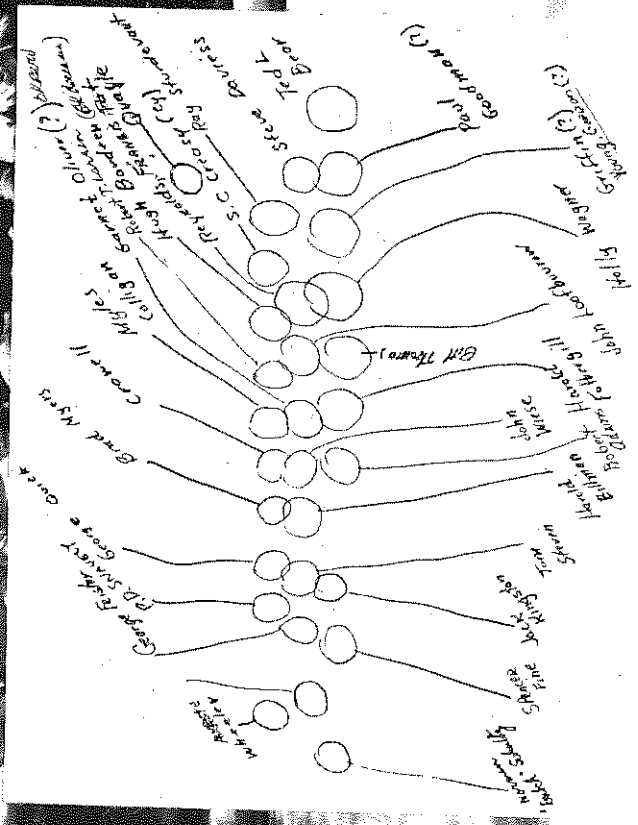
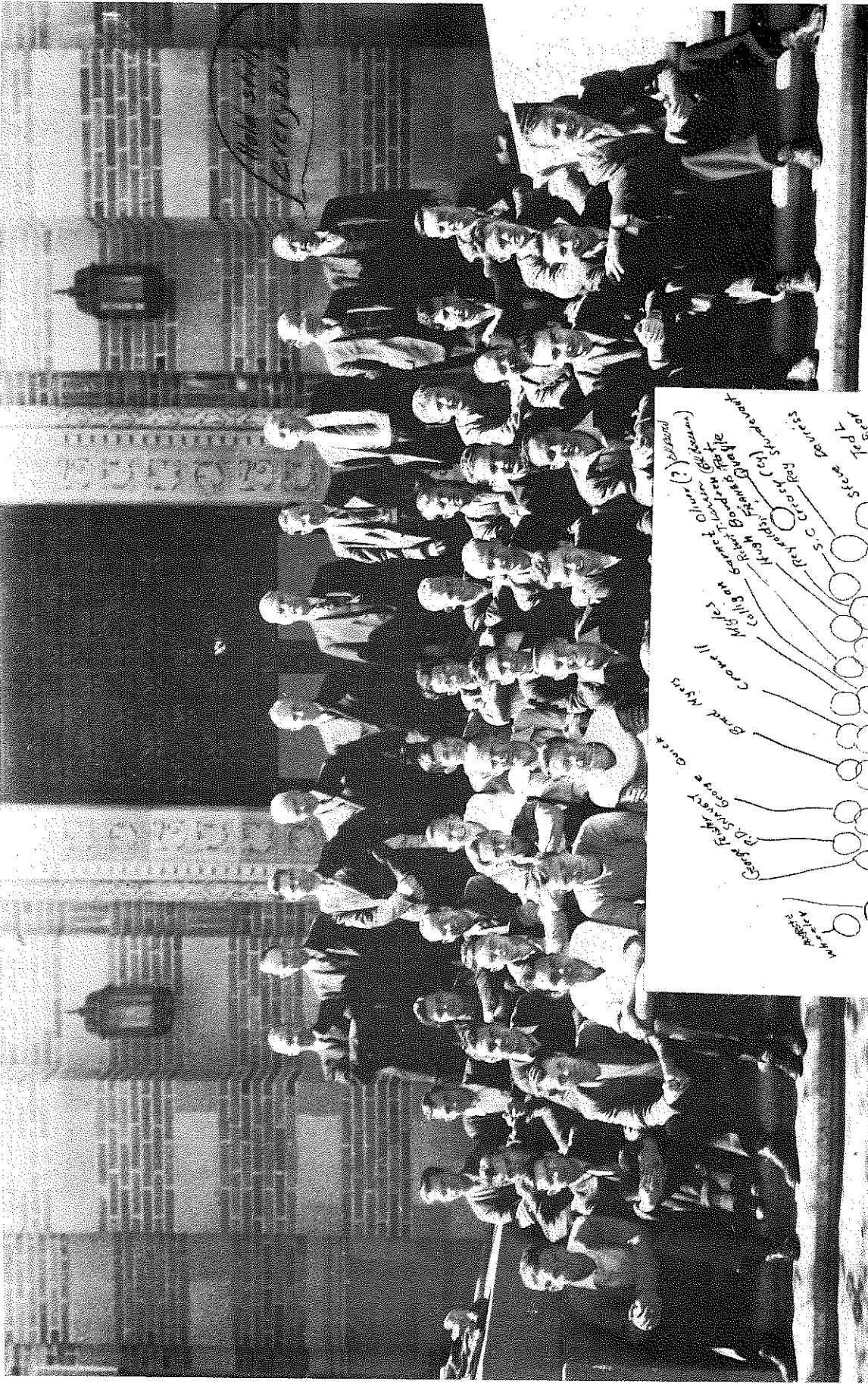
↑
WALTER KEAN 1938
CLASS. 1939: Geology.



JAMES W. SELLER GARNET W. OLIVER GEOL. 1938



Petrified Tree: Santa Ana
Canyon.
Gilbert Wilson 1935



Held at the University

This was the picture of the initiation
 into Theta Tau Theta, which was a local
 professional fraternity for geology and
 mining. Dr. A. R. Whitman was the
 sponsor. He was Theta Tau from UC Berkeley.
 When it became evident that UCLA was
 not going Mining Engineering, a chapter
 of Sigma Gamma Epsilon was requested.
 This was the nucleus of the SGE Chapter

The five initiates of 1929 were those
 Dan kneeling on front left. Robert Webb

Ted Bear was
 President in 1939
 - Ed.



ROBERT W. WEBB MILTON LEWIS BYRON K. WEBB LELAND H. DYKES
↓ ↓ ↓ ↓



APRIL -
May 1930

21
There is a story behind this! RWW

This was taken by DR. Alfred R. WHITMAN IN CAMP ON LONE PINE CREEK (Note Alabama Hills weathered granitic boulders in back ground). Whit's caption says:

"COMBATANTS IN SPLASH FIGHT"

ROBERT W. WEBB
898 VIA CAMPOBELLO
SANTA BARBARA, CA. 93111



A gala surprise dinner party for George Lapins's retirement after 22 years of service to the Department was held at the Warehouse Restaurant in Marina Del Rey on December 11, 1985. George, who had requested that "no fuss" be made on his behalf, was genuinely surprised and pleased. Six of his "old friends," Clarence Hall, Clem Nelson, Gary Ernst, Ken Watson, Sue Luera,

and Wayne Dollase, presented skits from "A Day in the Life of George Lapins." At the annual departmental Christmas party a week later, the students took their turn "not making a fuss" over George; and Santa (Kivelson) Claus presented George with a collage of nostalgic photographs of students past. Below are two vignettes written by Kathy Jackson to mark the changing of the guard.

Changing of the Guard

GEORGE LAPINS
By Kathy Jackson

As of January 1, 1985 our office lost the solace of classical music wafting from room 3806B. Management Services Officer George Lapins officially retired on that date and took with him the famous radio, Skipper's cap, field trip photos, and twenty-two years of memories. He has devised no schedule for retirement, but plans time for the piano, the sailboat, and his cabin at Lake Tahoe.

In 1962 George came to UCLA by a circuitous route, beginning in Riga, Latvia where he and his wife Velta were born. After World War II he was a purchasing agent for a small hospital and lived in Nuremburg, Germany his point of departure for the United

States. In 1949 George arrived in Riverside California to pick oranges, courtesy of Sunkist and the Lutheran World Federation who sponsored displaced persons. He became a United States citizen seven years later. After sundry jobs in farming, construction and bartending, he entered UC Riverside as a mature geology major, receiving his degree in 1961.

That background proved invaluable for the job here, where he replaced another UCR graduate, Gene Menzies, as senior administrative assistant. Then Chairman Ken Watson hired George on the recommendation of Gene and a UCLA alum teaching at Riverside: Mike Murphy. The old boys' network which helped George now includes him: having served under Chairs Ken Watson, John Crowell, Clem Nelson,

Gary Ernst, Clarence Hall, Bill Kaula, and now Margaret Kivelson, he has become a UCLA fixture. When George entered the system - fifteen years before geology's merger with geophysics - he supervised a staff of 10-12. Now the student population is roughly 125 graduates and 120 undergrads, and the staff numbers about 21. His duties ranged from handling book orders, room safety, parking and financial arrangements for the White Mountain Research Station, to locating essential but errant instruments. He, along with Administrative Analyst Diane Hunter, oversaw department funds, approximately \$2 million annually. He also attended monthly brainstorming sessions with other MSO's at UCLA.

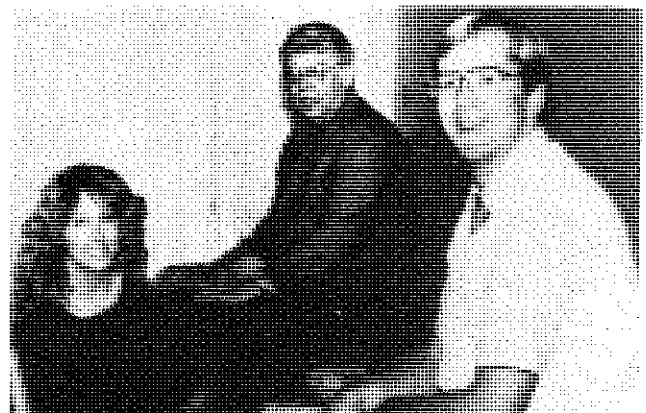
George himself had few complaints about the Department. Although he was never fond of correcting personnel, he enjoyed "working with students" and "making lots of friends" in a workplace "that has been good to me." This despite a weekend commute from Riverside which began on Mondays at 3:30 a.m. To alleviate that stress, George kept a small apartment in Sherman Oaks during the week which he and his wife, who will also retire, can now gladly relinquish. All in the Department will miss our affable George and wish him a rewarding retirement. May his office cartoon of a distraught man admitting "Sometime my problems even scare me!" soon become obsolete.

PAUL STONEY By Kathy Jackson

Our new management service officer, Paul Stoney, has enjoyed a smooth changing of the guard. He officially entered the department of December 6, so that he and George Lapins would overlap for a few weeks. During that transition, Paul became familiar with the files and facility; now he's tackling the greater challenge of the faculty, staff and students. Paul is delighted to work in a university environment whose human scale fits his "management style"

and pleasure in people. He would like to maintain the "creativity and camaraderie here" while computerizing the office and making the staff organization more professional. His goals here, as in past jobs, are to help the staff "develop their skills, prioritize their work, and develop self-reliance." Paul plans regular staff meetings to implement such ambitious plans.

As his impressive resume attests, Paul comes to us young in years (31), but old in experience. This northern California native attended Santa Cruz with a B.A. in economics and a very strong background in computer science. He then studied electron and data processing systems engineering, steam systems engineering and management of finances and materials in graduate level programs with the U.S. Navy. His next educational foray, at Stanford Graduate School of Business, yielded an MBA in June, 1984. During the meantime, Paul worked in a number of different positions while putting himself through college (1971-75), trained 75 employees to prepare computer generated tax returns (1976), managed data systems on a U.S. Navy guided missile cruiser (1976-79), and won awards as a senior supply officer on a U.S. Navy destroyer (1980-82). This experience as a general manager and troubleshooter should help Paul keep things tidy, if not shipshape, in our department.



E&SS Faculty

ORSON L. ANDERSON, Ph.D., University of Utah, Professor of Geophysics. Mineral physics, elastic properties and phase transitions in rocks and rock-forming minerals; equations of state and energy resources; physical and theoretical properties of planet interiors.

MARK D. BARTON, Ph.D., University of Chicago, Assistant Professor of Geology and Geophysics. Field, theoretical, and isotopic studies of ore deposits related to felsic magmatism. Experimental studies of the phase relations and thermodynamics of silicates, sulphides, and melts.

PETER BIRD, Ph.D., Massachusetts Institute of Technology, Associate Professor of Geophysics and Geology. Modeling of heating and deformation of the lithosphere with finite elements; rock mechanics and the mechanism of earthquakes; Tertiary orogenies in the western United States.

ARTHUR L. BOETTCHER, Ph.D., Pennsylvania State University, Professor of Geochemistry. High-pressure and high-temperature geochemistry and petrology; volatiles in planetary interiors; Cenozoic volcanic history of the Mojave Desert.

FRIEDRICH H. BUSSE, Dr. rer. nat., University of Munich, Professor of Geophysical Fluid Dynamics and Mathematics. Geophysical and astrophysical fluid dynamics; nonlinear problems in hydrodynamics; transition to turbulence; instabilities in rotating systems; origin of geomagnetism; problems of mantle convection.

DONALD CARLISLE, Ph.D., University of Wisconsin, Professor of Geology and Mineral Resources. Mineral deposits; mining and exploration geology; theory of mineral economics; environments of uranium deposition; geochemical explo-

ration; genesis of submarine volcanic rocks; structural studies.

JOHN M. CHRISTIE, Ph.D., University of Edinburgh, Professor of Geology. Geology and structural analysis of metamorphic rocks in southern California and other areas; studies of the deformation of quartz and other minerals; transmission electron microscopy of minerals; interpretation of microscopic structures, textures, and preferred orientations of minerals; flow laws of rocks and deformation of the lithosphere.

PAUL J. COLEMAN, Jr., Ph.D., University of California, Los Angeles, Professor of Geophysics and Space Physics. Plasmas in space; planetary and stellar magnetic fields; and magnetospheres.

PAUL M. DAVIS, Ph.D., University of Queensland, Associate Professor of Geophysics. Physical volcanology, tectonomagnetism, self-potentials and telluric fields, seismology, earth tides, predictive filtering and rock magnetism.

MICHAEL J. DeNIRO, Ph.D., California Institute of Technology, Associate Professor of Geochemistry and Archaeological Sciences. Stable isotope biogeochemistry applied to archaeology, paleontology, climatology, and organic geochemistry.

DONALD J. DePAOLO, Ph.D., California Institute of Technology, Professor of Geochemistry and Geology. Isotope geochemistry, Nd, Sr, and Pb isotopes as radiogenic tracers of crustal and mantle evolution; lunar chronology and differentiation; thermodynamics of magmas.

WAYNE A. DOLLASE, Ph.D., Massachusetts Institute of Technology, Professor of Geology. Mineralogy, crystal chemistry, crystal structure analysis; rela-

tion of structure to properties; X-ray diffraction; Mossbauer spectroscopy.

W. GARY ERNST, Ph.D., Johns Hopkins University, Professor of Geology and Geophysics. Mineral phase equilibria; crystal chemistry of silicates; electron microprobe analysis; metamorphism and plate tectonics; circum-Pacific and Alpine metamorphism; regional geology of California.

CLARENCE A. HALL, Jr., Ph.D., Stanford University, Professor of Geology. Structural geology; paleoecology; geology of the California Coast Ranges, White-Inyo Ranges, and southern France. Director, White Mountain Research Station. Dean of the Division of Physical Sciences.

RAYMOND V. INGERSOLL, Ph.D., Stanford University, Adjunct Associate Professor of Geology. Sedimentation and tectonics; basin analysis; stratigraphy; sandstone petrology; Great Valley forearc; Rio Grande rift; Laramide foreland sedimentation and tectonics.

DAVID D. JACKSON, Ph.D., Massachusetts Institute of Technology, Professor of Geophysics and Geology. Seismology; inverse problems and interpretation theory in geophysics; crustal deformation and secular strain; earthquake prediction.

ISAAC R. KAPLAN, Ph.D., University of Southern California, Professor of Geology and Geochemistry. Biogeochemistry of Recent sediments; California offshore and deep-sea sediments; origin of petroleum; cycling of elements in the ocean; isotope geochemistry of terrestrial rocks and meteorites; environmental geochemistry.

WILLIAM M. KAULA, M.S., Ohio State University, Professor of Geophysics. Planetary and orbital dynamics, with application to solar system origin and evolution; planetary evolution; mantle convection; statistical problems in geophysics.

MARGARET G. KIVELSON, Ph.D., Harvard University, Professor of Space Physics. Physics of particles and fields in the magnetospheres of Earth and Jupiter; convection, wave-particle interactions, and models of geomagnetic activity.

LEON KNOPOFF, Ph.D., California Institute of Technology, Professor of Geophysics and Physics. Theoretical and observational seismology; structure of the deep interior of the earth; nature of the earthquake source; seismicity.

ROBERT L. McPHERRON, Ph.D., University of California, Berkeley, Professor of Space Physics and Geophysics. Physics of the magnetosphere emphasizing magnetic phenomena in auroral regions and ultra-low-frequency waves. Exploration geophysics and monitoring for earthquake precursors. Instrumentation and data analysis techniques in magnetic field measurements.

CLEMENS A. NELSON, Ph.D., University of Minnesota, Professor of Geology. Stratigraphy and paleontology; Cambrian and Precambrian stratigraphy; the Precambrian-Cambrian transition; Cambrian trilobite paleontology; geology of eastern California and the Great Basin area.

WILLIAM I. NEWMAN, Ph.D., Cornell University, Associate Professor of Planetary Physics. Planetary physics, geophysical fluid dynamics, and the earthquake mechanism; generalized inverse theory; radiation processes and the solar-terrestrial relationship.

GERHARD OERTEL, Dr. rer. nat., University of Bonn, Professor of Geology. Structural geology; mechanics of faulting; mechanics of slaty cleavage; mesoscopic and x-ray fabrics; structures of plutonic rocks; model experiments.

WALTER E. REED, Ph.D., University of California, Berkeley, Associate Profes-

sor of Geology. Sedimentology; sedimentary petrology; geochemistry of sediments; origin and distribution of petroleum.

JOHN L. ROSENFELD, Ph.D., Harvard University, Professor of Geology. Determination of sequence and nature of tectonometamorphic conditions and processes from observations of rocks; solid inclusion piezothermometry; origin of schistosity; Appalachian and Alpine geology.

CHRISTOPHER T. RUSSELL, Ph.D., University of California, Los Angeles, Professor of Geophysics and Space Physics. Planetary magnetism, space plasma physics; solar wind interaction with planets; planetary magnetospheres.

J. WILLIAM SCHOPF, Ph.D., Harvard University, Professor of Paleobiology. Paleobiology-evolution of primitive Precambrian organisms; organic geochemistry of ancient sediments; evolutionary biology; atmospheric evolution; paleobotany.

GERALD SCHUBERT, Ph.D., University of California, Berkeley, Professor of Geophysics and Planetary Physics. Geophysical fluid dynamics; structure of planetary interiors; mantle convection; planetary atmospheres and surfaces.

RONALD L. SHREVE, Ph.D., California Institute of Technology, Professor of Geology and Geophysics. Geomorphology, Quaternary geology, glaciology, and geological physics; theoretical fluvial geomorphology; glacier physics and its application to glacial geology; physics of grain flows; mechanics of sediment subduction and melange formation.

JOHN T. WASSON, Ph.D., Massachusetts Institute of Technology, Professor of Geochemistry and Chemistry. Cosmochemistry; origin and composition of meteorites; neutron activation; noble metals as tracers of major impacts on the earth; origin and evolution of the moon.

Emeritus Faculty

ROBERT E. HOLZER, Ph.D., University of California, Berkeley, Emeritus Professor of Geophysics. Analysis of magnetospheric energy supply processes.

ALFRED R. LOEBLICH, Jr., Ph.D., University of Chicago, Emeritus Professor of Paleontology and Geology. Micropaleontology; studies of algae and protozoans; systematics; evolution, paleoecology, and stratigraphic application of microfossils.

HELEN TAPPAN LOEBLICH, Ph.D., University of Chicago, Emeritus Professor of Paleontology and Geology. Micropaleontology, paleoecology, evolution, morphology, microstructure, and systematics of modern and fossil protists (protozoa and algae).

KENNETH D. WATSON, Ph.D., Princeton University, Emeritus Professor of Geology. Petrology and mineral deposits; petrology of lamprophyres; massive sulphide deposits; metamorphosed mineral deposits.

At the suggestion of JIM BARKER (B.S., 1969) - and for anyone else who might be interested in the Department's primary function - we will supply a listing of the courses currently offered by the Department of Earth and Space Sciences.

UNDERGRADUATE LEVEL COURSES

1. Fundamentals of Earth Science
2. Earth History
3. Evolution: Solar System, Earth, Life
5. Earth Sciences and Society: Geological Ecological Interactions
8. Earthquakes
9. Origin and Evolution of the Solar System
10. Geology of California
15. Introduction to Oceanography
20. Natural History of Southern California
- 51ABC. Mineralogy-Petrology
100. Principles of Earth Science
101. Introduction to Geophysics and Space Physics
103. Intermediate Petrology
105. Earth Science and Society: Nonrenewable Resources and Geological Hazards
- 108A. Geothermics
- 108B. Geomechanics
- 111ABC. Field Geology
112. Structural Geology
114. Intermediate Structural Geology
115. Principles of Paleontology
- M117. Vertebrate Paleontology
- M118. Paleobotany
119. Continental Drift and Sea Floor Spreading
- 120AB. Rubey Colloquium: Major Advances in Earth Sciences
- 121AB. Advanced Field Geology
122. Physics of the Earth
- 128AB. Mineral Deposits
129. Coal
- M130. Isotope Geochemistry
- M131. Geochemistry
132. Principles of Biogeochemistry
133. Regional Geology
135. Applied Geophysics
- M136ABC. Geophysical Exploration
137. Petroleum Geology
138. Mining and Exploration Geology.
- M139. Engineering and Environmental Geology
140. Nonrenewable Resource Extraction
141. Sedimentology
144. Marine Geology
- M149. Introduction to Fluid Dynamics
150. Remote Sensing for Earth Sciences
- M154. Solar Terrestrial Physics

190. Earth and Space Sciences Seminar
 195G. Field Geology for Graduate Students
 199. Special Studies in Earth and Space Sciences

GRADUATE LEVEL COURSES

- 200A. Introduction to Geophysics and Space Physics:
The Solid Earth and Planets
 200B. Introduction to Geophysics and Space Physics:
Oceans and Atmospheres
 200C. Introduction to Geophysics and Space Physics:
Plasmas: Aeronomy and the Interplanetary Medium
 201. Classical Mechanics
 202. Continuum Mechanics
 203. Electrodynamics
 205. Inverse Theory and Data Interpretation
 210. Advanced Paleontology
 M211. Hydrodynamic Instabilities and Turbulence
 212. Paleoecology
 214. Geophysical Fluid Dynamics
 215. Paleobiology of Plant Microorganisms
 216. Micropaleontology
 217. Magnetohydrodynamics
 219. Planetary and Orbital Dynamics
 220. Principles of Paleobiology
 222. Introduction to Seismology
 M224AB. Elastic Wave Propagation
 225AB. Physics and Chemistry of Planetary Interiors
 226. Theoretical Geomorphology
 227. Resource Evaluation Field Methods
 228. Planetary Magnetism
 229. Planetary Surfaces and Atmospheres
 230. X-Ray Crystallography
 231. Crystal Chemistry and Structure of Minerals
 232. Thermodynamics of Crystals
 233. Mineral Physics and Equation of State
 234A. Thermodynamic and Geometric Principles of Phase
Equilibria
 234B. Petrologic Phase Equilibria
 M235ABC. Current Research in Geochemistry
 236AB. Igneous Petrology
 238. Metamorphic Petrology
 239. Structural Petrology of Deformed Rocks
 240. Space Plasma Physics
 241. Sedimentary Petrology
 244. Tectonics of Sedimentary Basins
 245AB. Stress and Deformation
 246. Stress in the Lithosphere
 247. Glaciology
 248. Advanced Structural Geology
 249. Structural Analysis of Deformed Rocks
 250. Dynamics of the Solar Wind
 251. Seminar in Mineralogy
 252. Seminar in Geochemistry

- 253. Seminar in Petrology
- 254. Seminar in Sedimentology
- 255. Seminar in Structural Geology and Tectonics
- 256. Seminar in Glaciology and Geomorphology
- 257. Seminar in Paleontology
- 258. Seminar in Mineral Deposits
- 259. Seminar in Advanced Topics in Geology
- 260. Seminar in Geological Physics
- 261. Topics in Magnetospheric Plasma Physics
- 265. Instrumentation, Data Processing, and Data Analysis in Space Physics
- M266. Cosmic Ray Physics
- 268. Seminar in Resource Analysis
- 270. Energy Production and Environmental Tradeoffs
- M282. Seminar in Geophysics
- 283. Seminar in Environmental Science and Engineering
- 284. Seminar in Mineral Physics and Rock Physics
- M285. Origin and Evolution of the Solar System
- 286ABC. Seminar in Planetology
- 287ABC. Seminar in Seismology and the Earth's Interior
- 288ABC. Seminar in Space Physics
- 289ABC. Seminar in Fluid Dynamics
- 290. Seminar in Time Series Analysis
- 295. Earth and Space Sciences Colloquium
- 297. Advanced Techniques in Geological Research
- 298. Advanced Topics in Earth and Space Sciences
- 501. Cooperative Program with Neighboring Institutions
- 596. Directed Individual Study and/or Research
- 597. Preparation for Master's Comprehensive Examination or Doctoral Qualifying Examination
- 598. Master's Research and Thesis Preparation
- 599. Doctoral Research and Dissertation Preparation

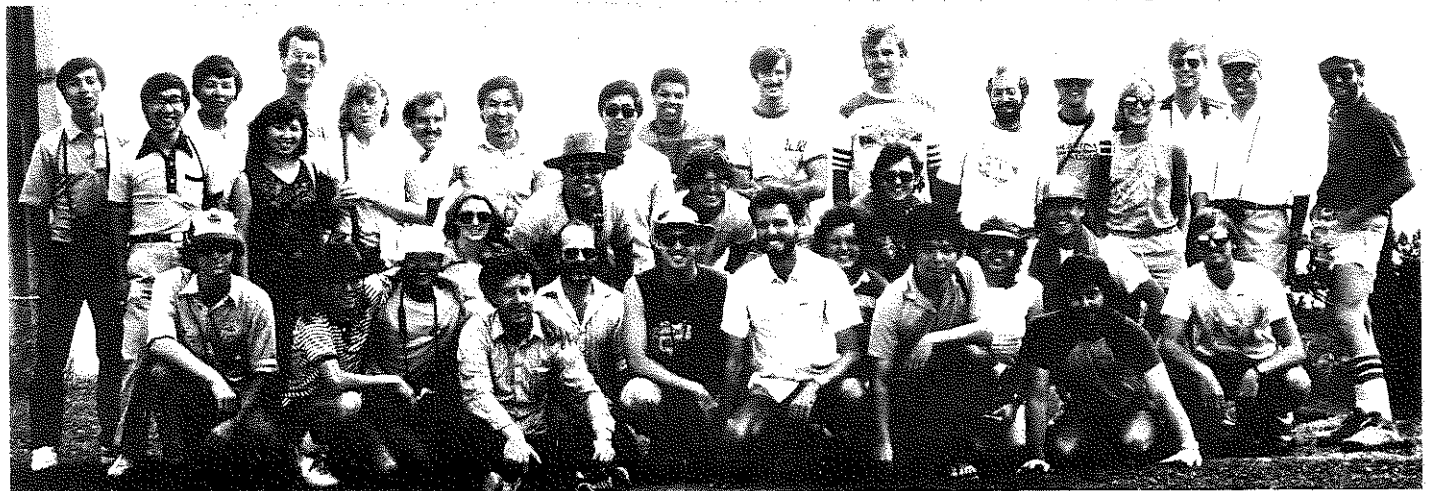
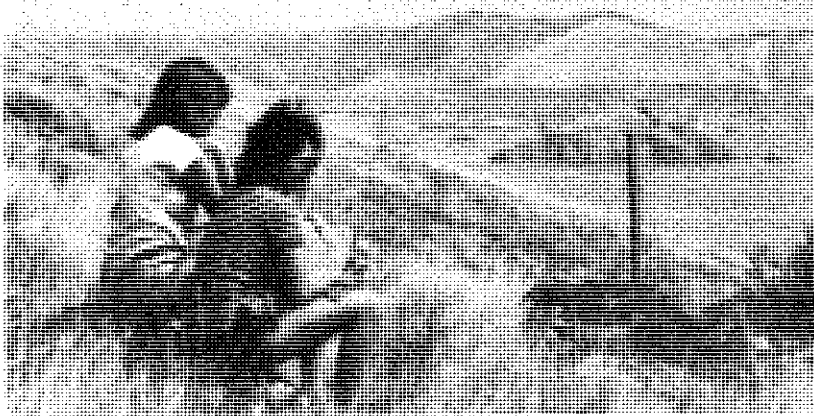
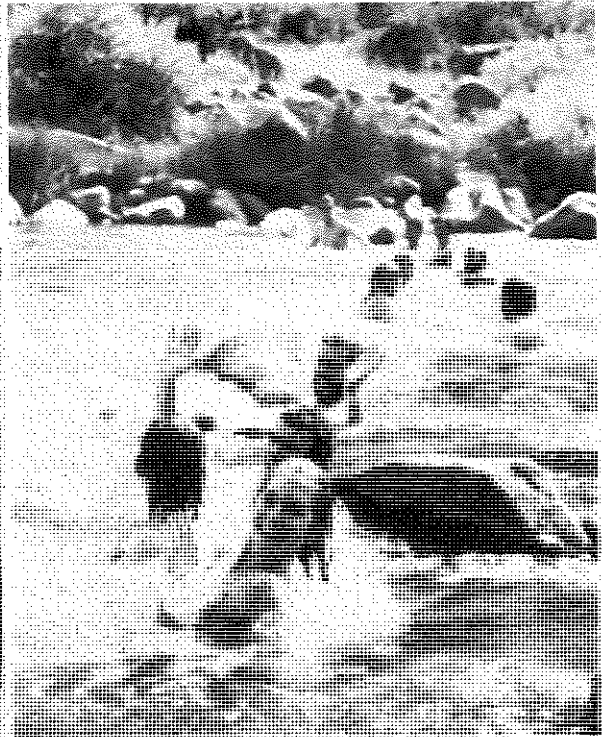
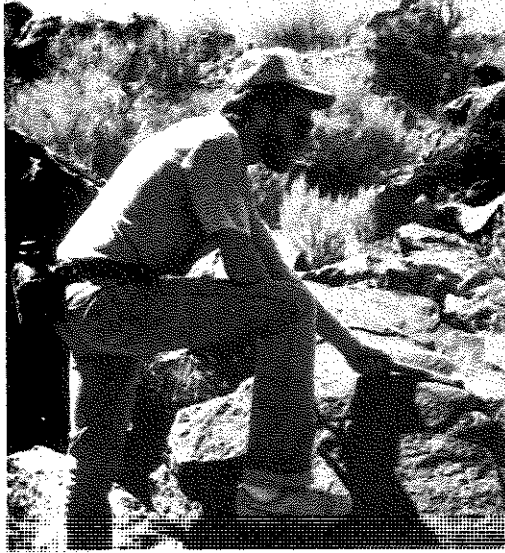


This section is dedicated to KATHERINE HORN BARROWS, UCLA's first female geologist. The editors were so impressed with the quality and quantity of lady earth scientists at UCLA that we asked for volunteers for a group picture. There are about ten female graduate students who could not be at the photo session, and we have no idea

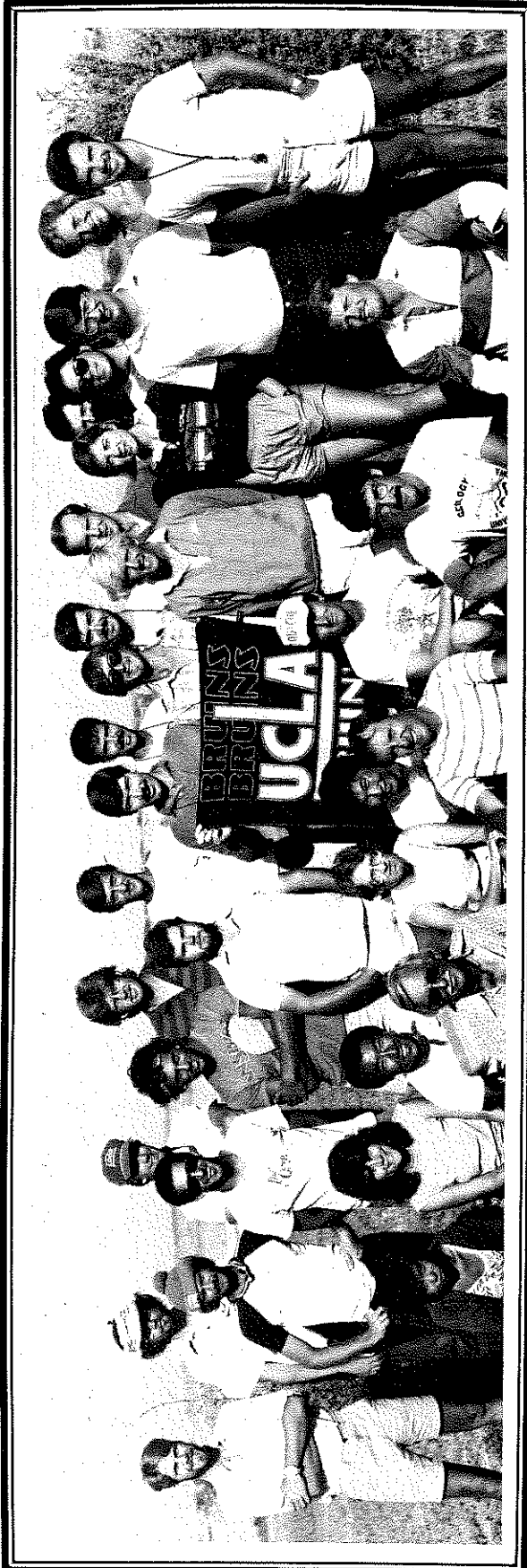
how many undergraduates didn't show up. Still, this is a pretty impressive bunch in every regard. Left to right, top row: Kathy Marsaglia, Stacey Zeck, Roni Pettis, Claudia Alexander, Roberta Johnson. Second row: Melinda Dewitt, Karen Loomis, Leslie Ekas, Leslie Gergen, Karen Weiss. Third row: Vicki Hansen, Denise Battles,

Karen McBride, Bonnie Packer. Front row: Vicki Bennett, Cindy Hifumi, Professor Helen Tappan Loeblich (our other lady professor, Chair Margaret Kivelson, had a previous appointment on the day of the photograph), and Anne Beachey.

E&SS Fieldtrips



E&SS fieldtrips in 1984 covered almost every point of interest in California. What's left?? Join us on the weekend of March 23-25. We're headed to Devil's Playground, the Clark Mts., and Death Valley.

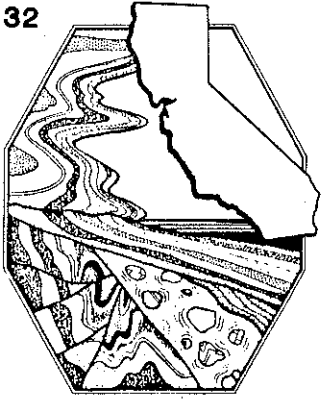


NEW (STUDENT) RELEASES

December 1983

June 1984

B.S.	Scott Alan Hitchcock	Geology (Engineering Geology)	B.S.	Paul Andrew Bopp	Geology
M.S.	Richard Stewart Hazen A. Roland Mora	Geology Geology		Richard Kyoung Choo Diane Estella Ciemens Jonathan Dashkin	Geology Geology Geology
Ph.D.	John Rudolph Baumgardner Peter Donald Jenden Philip Samuel Koch Paul Anthony Rydelek	Geophysics & Space Physics Geochemistry Geology Geophysics & Space Physics		Michael David Fillipow Randall Lee Gustafson Ann Patrice Harch Laurie Lynn Holbrook Peter Robert Kraatz William Ward Leslie George Alfonso Madrid II Thomas Li-Pen Mao Edward Harrison Sabins Oralyann Tammie Self	Geology (Engineering Geology) Geology (Engineering Geology) Geology (Engineering Geology) Geology (Engineering Geology) Geophysics (Applied Geophysics) Geology (Nonrenewable Nat. Res.) Geophysics (Applied Geophysics) Geology Geology
			March 1984		
B.S.	Patrick George Griffin Laurie Blanche Haines Eric Alfred Hodder Bonnye Lynn Ingram James Andrew Klessling Kurt Alan Miller Ofra Stauber Jane Louise Sutherland	Geology (Engineering Geology) Geology (Geochemistry) Geology Geology (Paleobiology) Geophysics & Space Physics Geology Geology Geology		Donald Stanley Musselwhite Thomas Nakaki Erich Charles Parker John Lynch Phillips Keshan Zou	Geology Geophysics & Space Physics Geophysics & Space Physics Geophysics & Space Physics Geophysics & Space Physics Geology Geology Geology
M.S.	Charles Patrick Hesson Roberta Marie Johnson Jon Andrew Linker Calum Macdonald Maria Ines Etchegaray Ramirez Martin Nicholas Ross Steven Christian Semken	Geophysics & Space Physics Geophysics & Space Physics Geophysics & Space Physics Geophysics & Space Physics Geophysics & Space Physics Geophysics & Space Physics Geochemistry		Steven Ross Lipshie Gary Edward Strathearn	Geology Geology
Ph.D.	Sorena Svea Sorensen	Geology			



Rubey Colloquium

Conveners
John Crowell,
Ray Ingersoll
and Gary Ernst



Rubey Colloquium
(No. 7):
January 6-8, 1986.

The topic of the latest Rubey Colloquium, number six in the series, was "Cenozoic Basin Development of Coastal California." Professors Ray Ingersoll and Gary Ernst played hosts to more than 250 professionals and students from government, schools and industries around the country. Talks by twenty speakers focused on the tectonic, structural, sedimentologic, stratigraphic, biologic, geochemical, and hydrocarbon development of the basins.

Three days of meetings culminated in Earth and Space Sciences Alumni Day activities, to which all were invited, and a Ridge Basin field trip led by UCLA all-time all-timer John Crowell. Rubey Volume VI should be available in early 1986. Gary Ernst will again play host for Rubey Colloquium VII: "Metamorphism and Tectonic Evolution of the Western Cordillera - Coterminous United States," 6-8 January 1986.



Alumni Day 1984

Alumni Day, October 5, 1984, intermingled with the Rubey Colloquium of the three preceding days. It began with the luncheon that marked the end of the Colloquium. Two hours of official and unofficial tours of the campus and Department labs followed; and then all guests assembled for a champagne toast to dedicate the Department's new half-million dollar electron microprobe, made possible by a grant from the NSF and funding from the Sydney Stern Memorial Trust. Bette and Marvin Hoffenberg attended the ceremonies as representatives of this Trust. They, Wilbur Sherman, John and Frances Handin, and Ted Bear were recipients of the new award the Department has instituted for its most munificent supporters.

Having denuded the Commons Room of comestibles, all 125 celebrants

adjourned to MORE food and drink in the upper meadow of Sunset Canyon Recreation Center. Planned entertainment came in the form of a Balkan Brass Band and a behind the scenes peek at the Olympics from UCLA's own athletes, but the unplanned portion went on into the night long after dampness settled on the meadow. Busses were hired to transport stalwart revelers to the Rose Bowl the next day to witness the disgraceful defeat at the hands of Stanford that ruined UCLA'S Rosebowl Game chances. Enough(?) beer, a picnic, and company of old friends kept the afternoon from being a disaster.

Below is a list of those who were kind to starving students, and a complete list of those who attended follows on the next page. Even with this list and the help of Ted Bear, Clem Nelson

and Don Carlisle, the editors weren't able to identify all the faces in the series of pictures. It's an improvement over last year, though! Please accept

our apologies, those of you who are left with a "?," and please feel free to write irate letters.

Alumni Day Participants

Thomas	Adame	A	Daniel	Kivelson	G
Katherine	Barrows	A	Jeffrey	Knott	A
Gail	Barton	G	Frank	Kyte	A
Mark	Barton	A	Ed	Ladel	G
Ted	Bear	A	Vernon	Larson	A
Victoria	Bennett	Stu	Hakan	Ledje	Stu
Michael	Binder	A	Ernie	Lian	A
Bill	Bleisch	Stu	Donald	Lindsay	A
Bonnie	Bloeser-Cooper	A	John	Loofbourow	A
Robert	Brewer	A	Karen	Loomis	Stu
Diane	Brewer	A	Paul	Mankiewicz	A
Glenn	Brown	A	Kathie	Marsaglia	Stu
Alice	Campbell	A	Drew	Mayerson	Stu
A. Louis	Canut	A	Nancy	Mayerson	G
Paul	Carlton	A	Kay	McCown	A
Steve	Chambers	Stu	Marion	McGlove	A
Hyowon	Choi	Stu	Don	McPherson	
Diane	Clemens	A	Scott	McPherson	
Xenophon	Colazas	A	Don	McPherson, jr.	A
Patricia	Colville	A	Paul	Merifield	F/A
John	Crowell	A	Ruth	Merifield	G
Bety	Crowell	A	James E.	Mitchell	A
Karen	Cullen-Larter	A	Toby	Moore	Stu
Kayoon	Davar	Stu	Stephen	Muir	A
Brian	Dicker	A	Rodney	Nahama	A
Steven	Dumas	A	Don	Padick	A
Cathy	Elkins	Sta	Steve	Parker	Stu
J H Northrop	Ellis	A	Arlie	Parker	Stu
Bradley	Erskine	A	Tim	Patterson	Stu
Sheila	Etzkorn	G	Simon	Peacock	Stu
Frankie	Farrell	G	Joseph	Polovina	A
Spencer	Fine	A	Marilyn J.	Redin	A
Ray	Fitzgerald	G	Sam	Robertson	A
Ellen	Flentye	G	Daniel	Rosenblatt	A
Lori	Fowler		John	Rosenfeld	F
Eran	Frankel	G	Nita	Rosenfeld	G
Eugene	Fritsche	A	G.H.	Rudkin	A
Michael	Gjerde	A	Richard	Saul	Sta/F
John	Goodge	Stu	LouElla	Saul	Sta/F
Cliff	Gray Jr.	A	Oralynn	Self	Stu
William	Gustafson	A	Wilbur	Sherman	A
Eue	Gustafson	A	Dave	Shirley	Stu
Mary	Hagman	Stu	Robert	Smart	A
K.B.	Hall	A	Jan	Smit	Sta
Clarence	Hall	F	Linda	Smith	A
Vicki	Hansen	Stu	Steve	Soomil	G
Brooks	Hanson	Stu	Michael	Soreghan	Stu
James	Hart	A	Brian	Stewart	A
Richard	Hester	A	Takeo	Susuki	Sta/A
Glenn	Hieshima	Stu	Mark	Susuki	G
Robert	Hindle	A	Scott	Taylor	Stu
Robert	Hollingsworth	A	Doug	Traxler	A
Daniel	Horns	Stu	John	Van Amringe	A
Brian	Ishkanian	A	Mary Jane	Van Amringe	G
Dave	Jackson	F	Charles Beck	Von Peccoz	Stu
Eric	Jerde	Stu	Edgar	Weillbaum	A
Bradford	Johnson	A	Bradford	White	Stu
Carole	Johnson	A	John	Wirfel	G
Robert	Johnston	A			
Bonita	Johnston	A			
Bob	Jones	Sta			
Vicki	Jones	Sta			
Greg	Kallemeyn	A			
Dave	Kemp	Stu			
Ed	Kiessling	A			
Phillip	Kistler	A			
Margaret	Kivelson	F			

Feed-a-Student Fund Contributors

Thomas Adame
 Ted Bear
 Michael Binder
 A. Louis Canut
 Paul Carlton
 Patricia Colville
 Brian Dicker
 Steven Dumas
 Michael Gjerde
 Cliff Gray, Jr.
 James Hart
 Robert Hindle
 Eric Jerde
 Robert Jones
 Bradford Johnson
 Robert Johnston
 Phillip Kistler
 Jeffrey Knott
 Donald Lindsay
 Paul Mankiewicz
 Marlon McGlove
 Rodney Nahama
 Marilyn Redin
 John Rosenfeld
 Robert Smart
 Linda Smith
 Doug Traxler
 Edgar Wellbaum

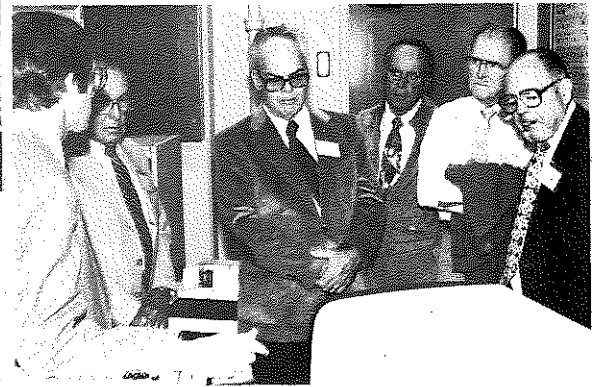
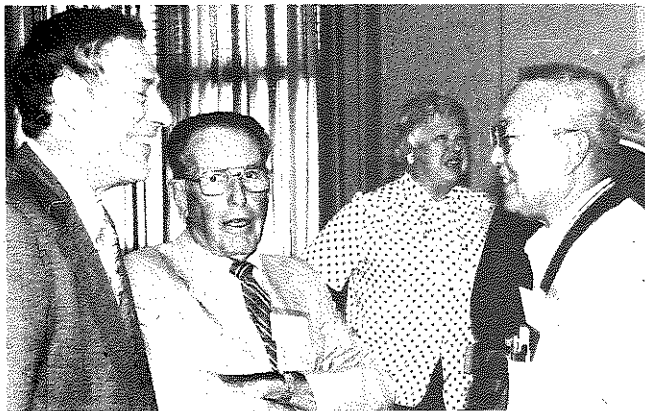
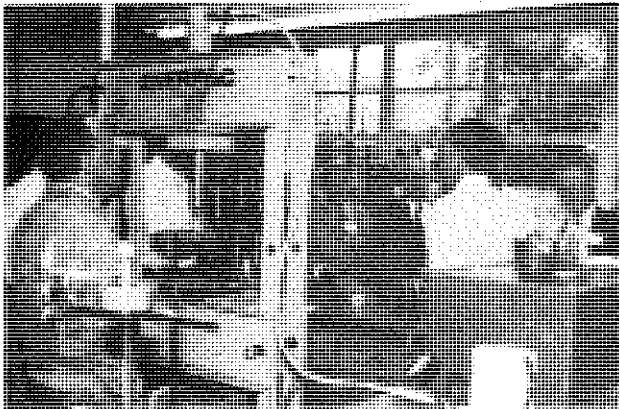
A = alumnus
 Stu = student
 Sta = staff
 F = faculty
 G = guest



Bob Jones
Doug Traxler
Bob Smart

Visitors to
Art Boettcher's lab

Dave Jackson
Harry Sullwold



Doug Traxler
Bob Smart
Bonita Johnston
Takeo Susuki

Visitors to Bob Jones's lab



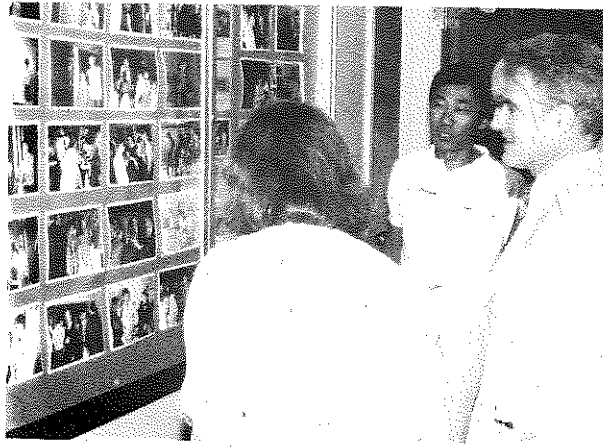
Brian Dicker and son

Bob Johnston, ?, Ted Bear
Pete Hall(?), Takeo Susuki
and Bob Smart



Jim Hart
Bob Hindle

John Loofbourow
Marvin Hoffenburg



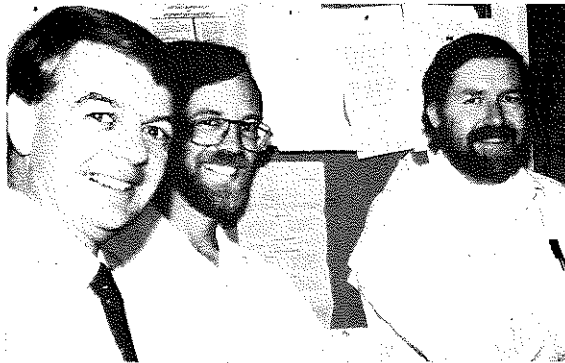
Dale Kunitomi and ?

Chair Kivelson
Mr. and Mrs.
Wilbur Sherman

Paul Carlton
Glenn Brown

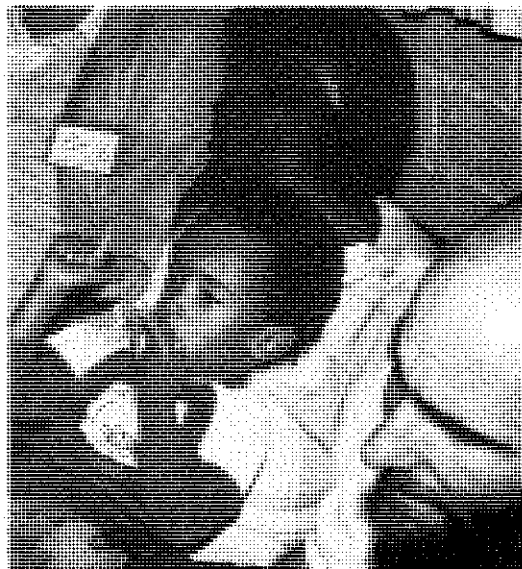


Gordon Moir
Bill Gustafson
Bob Sweeney



Hakan Ledje, Tim Patterson
Vicki Hansen
Vicki Jones, Takeo Susuki

Wilbur Sherman
Margy Kivelson

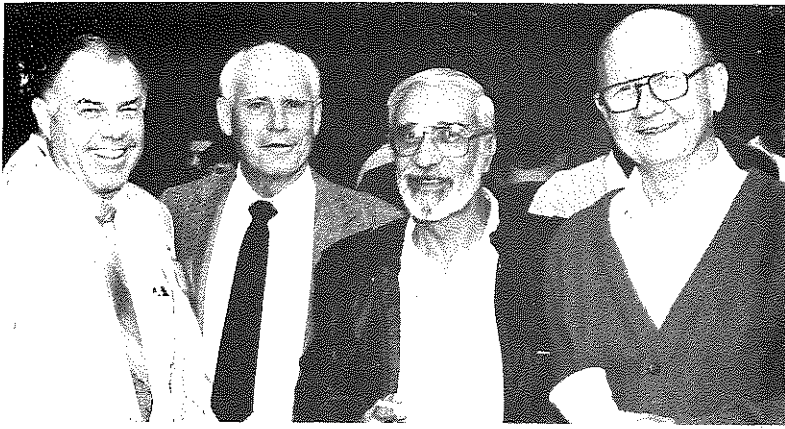


?, Mark Mackowski
Mike Gjerde

Marcelle Richardson Dicker and son
Jerry Abrams



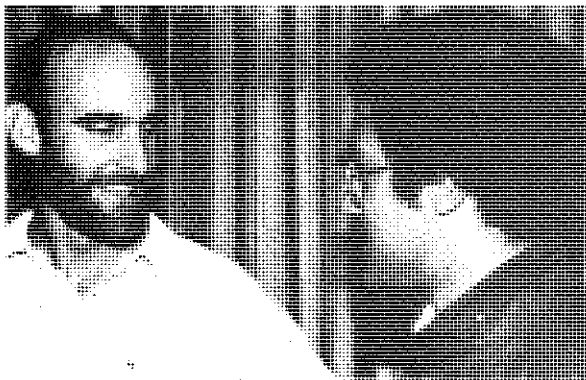
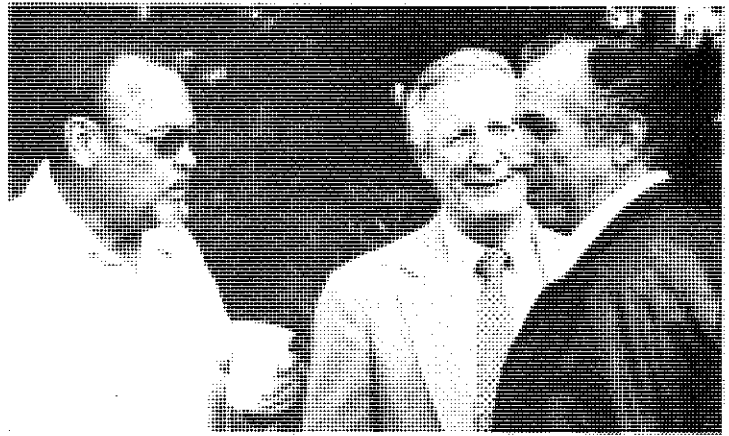
Robert Johnston
and ?



George Rudkin
Ed Wellbaum
Louis Canut
John Loofbourow

Dick Hester
K. D. Watson
Jim Padick

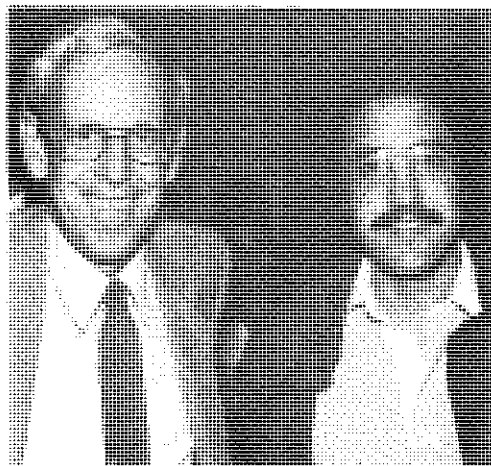
Bette Hoffenburg
Bob Jones
Marvin
Hoffenburg



Gary Abrams
Steve Dumas



Bob Lindsay (left)
Ed Kiessling



Clarence Hall and
Steve Dumas



Edmilson DeLima
Lynn Andrews
Dick Saul, Gordon Moir
Jeff Johnson
Brian Stewart

? and Bob Gaal

Steve Dumas and
Brian Dicker



R. J. Bear and his mother



Robert and
Bonita
Johnston



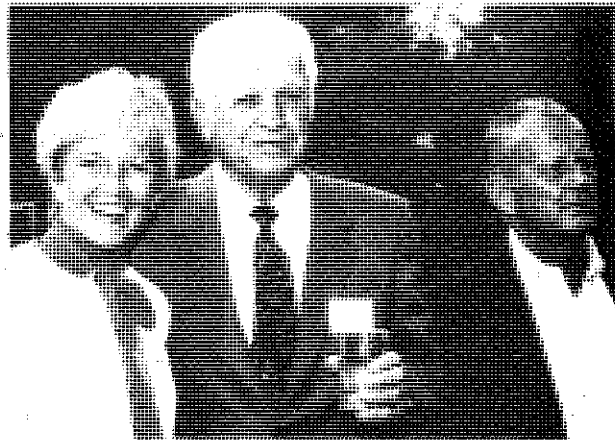
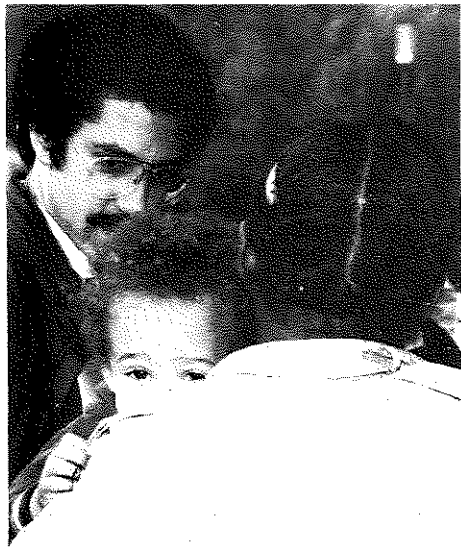
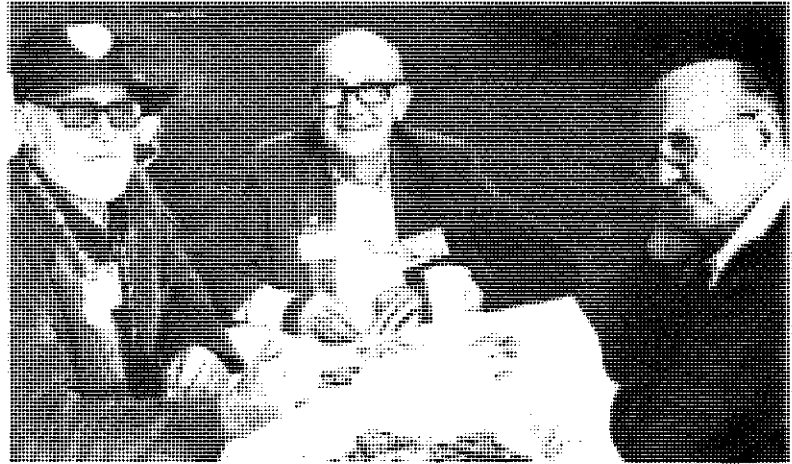
? and ?

? and
Ed Wellbaum
G. H. Rudkin



Ruth Merifield
and LouElla Saul

Pete Hall
Harry Sullwold
John Loofbouroow



Wilbur Sherman
flanked by
the Bears

Steve Dumas
Master Dicker
Marcelle Richardson-Dicker



John Crowell (left),
Doug Traxler
Tim Patterson
Ted Bear
Mrs. Traxler
K. D. Watson
Phil Kistler
Mrs. Watson
Mrs. Kistler



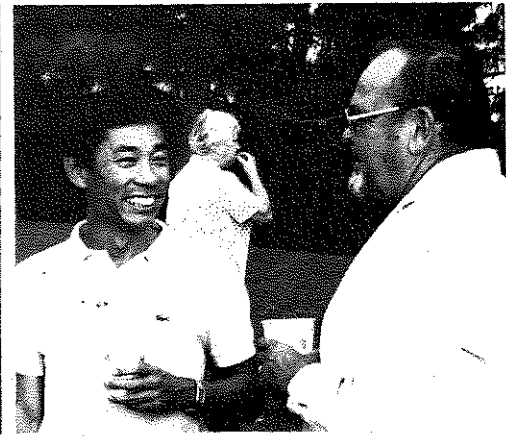
Kaye McCown
Jim Hart
Tom Adame, LouElla Saul
Dick Saul and Louis Canut

Xenophon Colazas

Bobby Dearmore
bar-b-que king



Mike Binder
Sheila Etzkorn



Center: Clem Nelson
Xenophon Colazas
Right: Dale Kunitomi
Dick Hester

Three-time Olympian Pat Connolly
Local publicity seeker
Harold Connolly



Alumni News



Graduation Day 1984
 Back row: Thomas Mao, Bill Leslie, Peter Kraatz, Kurt Miller, Paul Bopp.
 Second row: Mike Phillipow, Jane Sutherland, Diane Clemens, Self George Madrid.
 Bottom row: Mora, Ed Sabins, Leslie Ekas, Pam Latham, Anne Harch, Brian Dodd, Laurie Holbrook, Roland Mora.

A

BENJAMIN N. AKPATI (B.A., 1964, M.A., 1966) is the Assistant Director at the Nigerian Institute for Oceanography and Marine Research, P.M.B. 12729, Victoria Island, Lagos, Nigeria. Ben completed his Ph.D. in Geology at the University of Pennsylvania, Pittsburgh. His current research includes erosion along the coast of Nigeria, oceanographic studies of the Nigerian shelf, sedimentation in the Niger delta, and heavy minerals in river sediments throughout Nigeria. He has published papers on coastal erosion, environmental geology, and placer minerals. He writes: "We have a new addition to our family in June 1983, a baby girl. Our two other daughters are 6 and 3-1/2, and our son is 2-1/2 years." Using the questionnaire from the 1983 Newsletter, he responded to the question "What did you like best about the Department...":

"Its excellent academic program. The field geology courses..., and others are probably one of the best courses anywhere in the world that young, aspiring geologists can take. Thanks to Dr. CHARLIE CORBATO."

B

ROLAND J. BAIN (B.A., 1952; M.A., 1954) of 3111 Garden Hwy., Sacramento, California 95833, is a Consulting Petroleum Geologist specializing in natural gas exploration, development, and marketing in the Sacramento Valley. He was a Fulbright Scholar at the Institut Francais de Petrol at the Sorbonne, University of Paris during 1956-57. His comments: "Fine publication. Clem looks great!"

TED BALL (B.S., 1979) started his Ph.D. at the University of Colorado, Boulder, in the Fall of 1984. He fin-

ished his master's thesis, "Geology of Fluid Inclusion Investigation of the Crown King Breccia Pipes, Yavapai County, Arizona," at the Colorado School of Mines in 1982 and was funded by the Duval Corporation of Tucson, Arizona. His current address is 13332 West 65th Place, Arvada, Colorado 80004.

JAMES M. BARKER (B.S., 1969), joined the New Mexico Bureau of Mines and Mineral Resources in January of 1983 after being "caught in the 'Great Mineral Bail-out' of the Oil Industry." He is currently working on barite in New Mexico and studying nonpedogenic calcrete ("heavily based on the excellent work by Carlisle"). He is editing a symposium volume on "Borates: economic geology and production" for SME of AIME and spent time in 1983 writing a chapter on sulfur for the Fifth Edition of *Industrial Minerals and Rocks*, published by SME of AIME, as well as two articles on nonpedogenic calcrete from Socorro County, New Mexico. Jim suggested adding pictures of the faculty in the faculty section of the Newsletter - an idea we had hoped to be able to implement this year before we ran out of time - and a hard-cover, sewn-signature edition, which we will be delighted to do if he is willing to bankroll it.... He also suggests a course listing to help keep current on departmental changes. Bark's address, among the missing in last-year's edition, is: New Mexico Bureau of Mines and Mineral Resources, Socorro, New Mexico 87801.

J. DALE BARRY (Ph.D., 1969), as a senior scientist for Hughes Aircraft Company's Electro-optical and Data Systems Group, is working in intersatellite optical communication systems and optical pointing systems. His address is 7871 Airplane Avenue, Westchester, California 90045.

ZOYA BALASHOV BEACH (A.B., 1941), is retired and living in Bishop, California, where he spends free time leading Sierra Club Angeles Chapter bus trips and entertaining three sons and four grandsons. He had been a geologist for Operation Topanga Real Estate. Home address: 665 Summer Haze, Bishop, California 93514.

TED BEAR (B.S., 1940) stopped by at the eleventh hour of Newsletter production to help in the mad scramble to match names and faces. He casually mentioned that he became President of the AAPG last July. Why are the editors always the LAST TO KNOW?? Ted's strong current interest in creativity has led him to cross paths again with JACK ELAM (B.A., 1943; M.A., 1948) who is writing a book on that subject.

BRUCE BILODEAU (M.S., 1981), 33 El Paseo Ct., Walnut Creek, California 94596, made the terrible mistake of sending a Christmas card to the Department and including the Newsletter editor in the list of intended recipients. His news will thus be published for general consumption: "...Last December I was transferred to the Exploration Department at Chevron. I finally got some work where geology plays a big part (greater than 20 percent) (slightly). After a year, now, I feel pretty comfortable and more or less happy with my project. I have the siliceous shale (Monterey equivalent) on the west side of the southern San Joaquin Valley. We have some exciting prospects and are working on new ideas combining tectonic history and diagenesis which I am intimately involved in. The merger with Gulf may slow things down for a while, but it will be fun (and beneficial) to get Joe (POLOVINA), Larry (KNAUER) and Bob (COUNTRYMAN) working in the area for Chevron. It seems the company's

Regional Geologist for the West Coast Northern Region (encompasses the San Joaquin and Sacramento Valleys of California, Oregon, Washington, and Nevada) - "pending further notice." He is also presently fulfilling responsibilities as the Vice-President of the San Joaquin Geological Society, which primarily involves lining up speakers for the monthly meetings. Bob is also working part time on an M.B.S. program at the local university. He writes: "The UCLA/GULF mafia is doing well and busily finding oil and gas for tomorrow's needs, etc. etc....(The above is a paid company statement). Actually, we're leaving a little bit behind for the new students to find when they start work. The other UCLA mafia members are: Dick Kettler, Joe Polovina, DICK KETTLER, JOE POLOVINA, LARRY KNAUER, CHRIS HOLLISTER, and JOE MARQUEZ." Bob's home address is 4217 De Ette Avenue, Bakersfield, California 93309.

CURT COVEY (Ph.D., 1982, Geophysics and Space Physics) has become an Assistant Professor at the University of Miami, (Division of Marine Geology and Geophysics), Miami, Florida 33149.

Excerpts from a JOHN C. CROWELL (M.A., 1946; Ph.D., 1947) letter to Bill Kaula (then Chair of our Department), read: "I have very much enjoyed reading the recent Newsletter of your department. It brings back many fine memories....In regard to the photograph on page 13, the faculty member on the far right in the back row is Pat Quayle. If you see fit, you might send a glossy copy of the photograph to me and Bob Webb here at UCSB. (Ed. note: See Pages 9-21.) The two of us can identify many of the other people in the photograph. For instance, sitting to my right is Brad Myers, to his right is George Quick, to my left is Miles Culligan, below Murdock is Ray Sturdevant, below Whitman is Cy Creasey, to the left of Tom Stevens is

Harold Billman, to his left and directly in front of me is John Wiese...."



SARAH PIERCE DAMASSA (Ph.D., 1979), 3 Ridge St., Winchester, MA. 01890, had been a consultant for Amoco, Tulsa, from the Fall of 1983 through the Spring of 1984, working on Danian dinoflagellates from Tunisia and Sweden. Beginning in January of 1984, she has been researching Australian Precambrian phytoplankton on a science fellowship in the Bunting Institute at Radcliffe, (Harvard Herbaria, Harvard University, 22 Divinity Avenue, Cambridge, Massachusetts 02138), where she is also a consulting palynologist. Her recent publications include "Morphologic variability and paraplate configuration of the dinoflagellate genus *Danea* Morgenroth 1968," *Palynology*, v. 8 (1984); "Dinoflagellate smorgasbord: species from the Maastrichtian-Danian of Denmark and Sweden," *Amer. Assoc. Strat. Palynol. Abstracts* (1984) and with A. H. Knoll, "Planktonic microfossils of Late Precambrian age from Australia," Abstract for the Paleobotanical Meetings in Edmonton; and "The interpretation of Late Proterozoic acritarchs from the Arcoona Formation, Stuart Shelf, Australia," *Amer. Assoc. Strat. Palynol., Abstracts*. Sarah's daughter, Anne, was born in August of 1983.

GEORGE H. DAVIS (M.A., 1940) 10408 Insley Street, Silver Spring, Maryland 20902, put in 33 years with the USGS and retired from his Assistant Director post to become a senior hydrogeologist with S.S.P. & A., Inc., Consulting Hydrogeologists, Rockville, Maryland. He is Chairman, Hydrogeology Division, Geol. Soc. America; Editor, *Journal of Hydrology* Treasurer, Intl. Water Resources Assn.; was Past President,

Capitol Section, Am. Inst. Prof. Geologists; and is President Elect, National Capitol Section, Am. Water Resources Assn. He is also a member of the National Research Council Committee on Onshore Energy Minerals Management Research and is currently preparing a section on western alluvial valleys for the Geol. Soc. America DNAG Volume on Hydrogeology.

ANTHONY D. DEL GENIO (M.S., 1975, Planetary and Space Physics; Ph.D., 1978, Geophysics and Space Physics), is a manager for the Planetary Group of Sigma Data Services Corp., NASA Goddard Institute for Space Studies, 2880 Broadway, New York, New York 10025. In response to our questionnaire, he writes that he was "recently transferred" from "youth to middle age (I don't consider this a promotion). My research involves interpreting Pioneer Venus OCPP imaging data, general circulation model studies of slowly rotating atmospheres, and the cumulus cloud parameterization problem. I am also now teaching atmospheric sciences as an adjunct in the Department of Geological Sciences at Columbia University. My three-year-old daughter, Anna, keeps Nancy and me hopping most of the time. We are thus no longer the (self-proclaimed) bon vivants of my UCLA days. As an alumnus of the old Planetary and Space Sciences Department, I would like to see more information about faculty and former students from that area. A complete list of current addresses of former students would be useful." (Ed. note: It's partly up to the former students to report in, but the *complete* list runs over 1700 entries on a stack of computer paper more than two inches thick. We're already in hot water financially for the size of the last Newsletter!)

FRANK W. DICKSON (B.A., 1950; Ph.D., 1956), one of Clem Nelson's first students, has a daughter who joined the Department's graduate stu-

dent ranks in 1983 to work with Ray Ingersoll. Leslie (Dickson) Gergen surprised Clem at one of the first Phase Liquidii she attended by informing him that he had been her babysitter some twenty years ago. Frank is living at 1855 H Street, Sparks, Nevada 89431.

RICHARD DITTEON (Ph.D., 1981) is a Member of the Technical Staff at the Aerospace Corporation M2-266, P. O. Box 92957, Los Angeles, California 90009. He was transferred from the Engineering Group, Optical Systems Department, to the Development Group of the Space Sciences Laboratory in November of 1983. He is also teaching a course on microcomputers in the Physics Department at Cal State, Dominguez Hills, at night.

HOWARD G. DOHLEN (B.A., 1950), 12322 Greene Avenue, Los Angeles, California 90066, has retired. He received an AA from Santa Monica City College and is a member of the AAPG Pacific Section and of the American Numismatic Association.

E



J. H. NORTHRUP ELLIS (B.A., 1929) had the dual notoriety of being the most senior alumnus at Alumni Day 1984 and being featured on the "Reward Poster" that advertized it (Northrup is the first gang member on the left).

WILLIAM B. ELLIS (B.A., 1950), of 4932 NW 62 Terrace, Oklahoma City, Oklahoma 73122, is Exploration Manager for Red Eagle Oil Company, P.O. Box 21600, 3232 W. Britton Road, Oklahoma City, Oklahoma 73156. After 22 years, he took early retirement from Monsanto Oil Co. and joined a small aggressive independent company in December of 1962. He claims to have "no research, no awards," but "lots of work." "Could the Lincoln on the cover photo be Jerry Pettree's classic old Franklin Sedan - Cortez, Nevada, 1948 or 1949 - H. Jamison, Herb Mann (Elf Acquitaine, Houston), Clem and Rousselot (Midland, Texas) could help - I think Marjorie Johansen (Reed Librarian) 1947-49 married Jerry Pettree and ran the Alpine, Texas, Library while he worked along the Rio Grande-Big Bend area, 1950-52. V. Botts, 1955, now supervises operations at Cortez Mine, Nevada, where we had the first Nevada summer camp (1948 or 49?) - was very abandoned then. My 'best' at UCLA?: Field, Jim Gilluly, Central and NE Nevada 1948-49, and grad sedimentation and stratigraphy seminars; Clem Nelson (I think his first graduate course teaching (1949 or 59?); a bunch of crusty WWII vets and Clem did *good!* Is Mark Cloos from *the Geo. Cloos Family??*" About the Newsletter he writes: "Best: *humor, history* about Gilluly, Durrell, Axlerod, Webb, Grant, Popenoe, Murdoch, Bramlette, Nelson, Putnam, Crowell, Tunnell. Nice to see material re: Jamison, Rousselot, Elam - so great that Takeo and Clem are still there - Attic of old chem. bldg. was great in 1947-48-49, right, Takeo?! There is no *least*, it is all great." (Ed. note: Thankye kindly, Sir, such-like comments make a tough job a pleasure.)

CARL A. EVANS (B.S., 1969, Geology), 218 Millbrook, Houston, Texas 77024, is an International Geologist with Aminoil Inc., Box 94193, Houston, Texas 77019. He was recently trans-

ferred to Houston from Huntington Beach, California, and is presently studying basins in Indonesia and the Dutch North Sea.

F

CHRIS FINCH (Ph.D., 1980), 209-B Oliver St., New Orleans, Louisiana 70114, has been promoted to Petroleum Paleontologist with Texaco, Inc., P. O. Box 60252, New Orleans, Louisiana 70130. He was transferred from Houston to New Orleans with this promotion. Chris had been President of the Cherry Hurst Civic Club prior to his New Orleans transfer.

G

JOE GALBREATH (B.A., Geology, 1958), 1439 Eighth Place South, Edmonds, Washington 98020, was promoted to Vice President of Marketing with Rocket Research Company, Division of Rockcor, Inc, in 1983.

MICHAEL O. GARCIA (Ph.D., 1976) has a new home address: 46-049 Aliianela Place., No. 1723, Kaneohe, Hawaii 96744.

M. CHARLES GILBERT (Ph.D., 1965) is Professor and Head of the Department of Geology, Texas A & M University, College Station, Texas 77843. He moved to Texas A & M in August 1983 after 15 years at the Department of Geological Sciences, Virginia Tech. (VPI & SU). Charlie is working in the Wichita Mountains of Oklahoma, part of the midcontinent basement (southern Oklahoma anlaucogen). Texas A & M is a center of UCLA alumnizing; Charlie sent a list of his UCLA cohorts: (1) John Handin (1942, 1948, 1949) in Geology and Geophysics; (2) Neville Carter (1963) in Geophysics; (3) Anthony

Gangi (Physics, 1959, "really with Knopoff in the Institute") in Geophysics; (4) Bobby J. Presley (1969) in Oceanography; and (5) Michele Caputo ("not alumnus, but spent time at the Institute of Geophysics in the early 1960's). Charlie did not like all the pictures without names, and he objected to the lack of news about the 1960's - "is that the lost generation?" He also adds that JOHN HANDIN (B.A., 1942; M.A., 1948; Ph.D., 1949) (Texas A&M) "just got the Bucher Medal (AGU) and deserves a writeup - one of Grigg's first students (post-docs) at UCLA."

DAVID C. GROVER (B.A., Geology, 1958; M.A., 1965, Anthropology; Ph.D., 1968, Anthropology), is an archaeologist, specializing in ancient Mexico and particularly in the rise of complex culture ca. 200-500 BC, at the Department of Anthropology, University of Illinois, Urbana, Illinois 61801. He writes that he enjoys "reading about the activities of people I went through UCLA Geology field camp with. I hope more eventually write about their activities."

DAVID J. GROVER (B.S., 1975, Geology), 6255 Canoga Avenue, No. 28, Woodland Hills, California 91367, moved to 4403 San Blas Avenue, Woodland Hills, California 91364 about October of 1984. He is President and Chief Geologist of Grover and Associates, Inc., 31129 Via Cohnas, Suite 705, Westlake Village, California 91362 (Phone 818-889-0844). David purchased all stock in Kovacs-Byer-Grover in December of 1983 and changed the name to Grover and Associates. "Our company performs geologic and soils engineering investigations for construction projects in the Southern California area. An interesting part of my work involves meeting many entertainment people while inspecting hillside properties prior to purchase." Dave and several other Geology Alumni (See Page 7) have formed an annual summerfield scholar-

ship called the "Alumni Consultants Summerfield Scholarship." The fund provides money for field students "determined to be financially needy and scholastically worthy by the Department. Anyone interested in contributing can contact me."

SUMMERFIELD CLASS OF 1975 TAKE NOTE: A Ten-year Reunion is being planned. Everyone from that memorable class should plan to attend. Contact Dave Grover or Brian Dicker, (213) 838-8270, for details.

WILLIAM I. GUSTAFSON (B.A., 1964; Ph.D., 1969) is the gentleman in charge of the Physical Science classes for UCLA Extension. Bill had started a natural history and study program entitled "Western Geologic Studies" which sponsored study trips to national parks and sites of interest throughout the western U.S., Canada, and Mexico. It was a logical step for him to move into the UCLA Extension program and oversee classes and travel to areas of scientific interest around the world. Bill and Dorothy Steller (Cypress College) are responsible for the Robert Webb Memorial Symposium on February 9, 1985.

H

DON HAGEN (B.A., Geology, 1952; M.A., Geology, 1957), 547 Willowbrook Dr. SE, Calgary, Alberta, T2J-1N6, CANADA, is the Geologist in charge of the Special Project Group, Texaco Canada Resources, Ltd., P. O. Box 333, Calgary, Alberta T28-2P8. Don is

"still seeing the world with Texaco - recently worked on an exploration project in Yugoslavia and toured through all the circum-Mediterranean countries on my way back to Canada." He is "still looking for that elusive super-giant strat-trap in Canada." Don supplied news of and addresses for HERB ADAMS M.S., 1968; Ph.D., 1971), DAVE GROSS (M.A., 1957); ED LARSON (M.A., 1957), JERRY WILLIAMS (B.A., 1954; M.A., 1958), and TED SELIGA (B.A., 1953). (Ed. note: Ted Seliga does not appear on our computer printout, and the name is unfamiliar. Is he one of ours? If so, he's been 'lost.') Along with his check to the UCLA Foundation, Don sent the suggestion that more of our teaching emphasis be placed on sedimentary rocks related to petroleum exploration, particularly exploration for stratigraphic traps.

FRANCIS R. HALL (M.A., Geology, 1953), P. O. Drawer A, Durham, New Hampshire 03824, is a Professor of Hydrology in the Department of Earth Sciences, University of New Hampshire, Durham. He's "been here nearly twenty years!" (received his Ph.D. in Geology from Stanford in 1961). He is also the President of Hydrosience Associates, Inc., a firm that consults in ground- and surface-water problems.

JOHN HANDIN (B.A., 1942; M.A., 1948; Ph.D., 1949) Professor in the Center for Tectonophysics at Texas A & M University, College Station, Texas 77843-3313, writes: "We enjoyed the brief history of the Department as reported in your latest Newsletter. Probably no one there remembers that my wife, Frances Robertson, served as the Department's first secretary from January 1946 until September 1947 when we were married while I was a graduate student, and the potential conflict of interest became too obvious. She had scheduled job interviews with several departments, but Geology was her first

stop, as Chairman Jim Gilluly offered her the position, and nobody ever said no to him! Her fond memories of those days led to our request for co-naming the scholarship. We still laugh at our recollections of Bramlette scrutinizing roadcuts - out of the rear window while *he* was driving in the fast lane - and Grant deftly circulating at cocktail parties with four martinis - one in each hand and each coat pocket, never spilling a drop. And dear Bill Putnam. At the end of that field trip in 1941, the gang pictured in the Newsletter was determined to get him drunk in Las Vegas, then a tiny town, most of it in the redlight district. For hours we plied him with beers we could ill afford. He was merely amused by our futile attack on his untouchable dignity."

HENRY I. HALPERN (Ph.D., 1981), 94 South Street, Chagrin Falls, Ohio 44022, is a Petroleum Geochemist with Standard Oil of Ohio, 4440 Warrensville Ctr. Rd., Cleveland, Ohio 44128. He was promoted in July of 1983 to work on petroleum geochemical characterization.

EARL W. HART (B.A., 1950) 6 Vista Court, Corte Madera, California 94925, is a Senior Geologist for the California Division of Mines and Geology, 380 Civic Drive, Suite 100, Pleasant Hill, California 94523. He received an M.A. in 1971 from U.C. Berkeley and since 1973 has supervised the Division's Fault Evaluation and Zoning Program. Under this program faults are evaluated for recency, and regulatory zones are established for cities and counties. They have recently completed studies in the Sierra Nevada region and are currently working on the South Coast Ranges. He also mapped fault rupture associated with the Coalinga (1983) and Morgan Hill (1984) earthquakes. Earl participated in the GSA Penrose Conference on Tectonic Geomorphology in Nevada (1983) and the Recent Crustal Movements Symposium in New Zealand

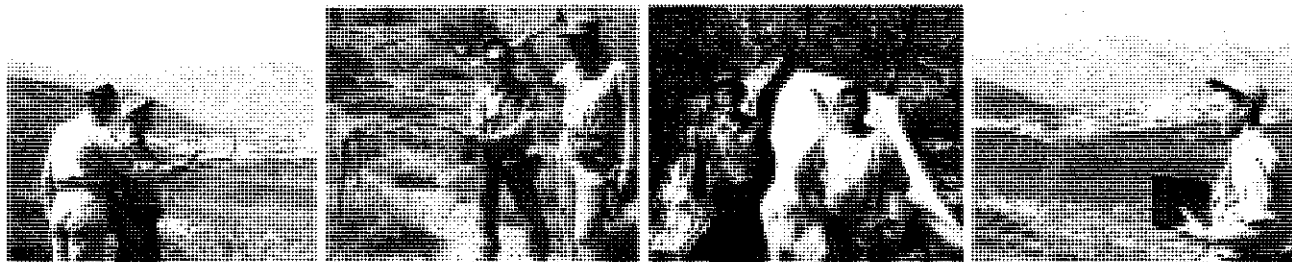
(February 1984). His most recent publications are on fault rupture associated with the Coalinga E/Q (Nunez fault) and Morgan Hill E/Q (Calaveras fault). He worked with CHARLES W. JENNINGS (B.A., 1950), who still heads the State's Regional Mapping Program (State Geologic Map, State Fault Map, etc.).

ALLEN W. HATHEWAY (A.B., Geology, 1961) is a Professor of Geological Engineering at the School of Mines and Metallurgy, Department of Geological Engineering, 125 Mining Building, University of Missouri, Rolla, Missouri 65401. He was appointed in June of 1983 to be one of two academic members of the U.S. National Committee on Tunneling Technology of the National Academy of Sciences. He was also elected Vice President, Association of Engineering Geologists (1983-84). He sends news of EUGENE WAGGONER (B.S., 1937; M.S., 1939) who retired as Board Chairman of Woodward-Clyde Consultants (nation's second largest geotechnical consulting firm) and is active in worldwide engineering geological consulting, operating out of 6259 Blauer Lane, Village Montgomery, San Jose, California 95135. Gene chairs of the Subcommittee on Site Investigations for Tunnels of the U.S. National Research Council, which is relating costs of investigations to cost savings in construction of tunnels.

CATHY HAYES (undergraduate, late seventies-early eighties) stopped by and reported that DAVE DOUGLAS (B.S., 1980) and KATRIN HAFNER (B.S., 1981) were married this year in Boston. Cathy is finishing a masters at Cal State L.A. and will be working for TRW-Norton Air Force Base near San Bernardino, commuting from a cabin at Lake Arrowhead. She is working on image processing and engineering geology.

NURIT HILDEBRAND-MITTFELDLDT (Ph.D., 1978) is employed by PAMA (Energy Resources Development Ltd.), and husband, DAVE MIDDLEFEHLDT (Ph.D., 1978) continues to teach at Ben Gurion University, Be'er Sheva. Their address is 39 Zabar St., Nere Noy, P.O. Box 7499, Be'er Sheva 84843, ISRAEL.

KENNETH J. HSU (Ph.D., 1954), though halfway around the world at the Geological Institute in Zurich, Switzerland, ran into JERE LIPPS (B.A., 1962; M.A., 1966) in Berlin, JIM VALENTINE (M.S., 1954; Ph.D., 1959), at Tampa, JERRY WINTERER (Ph.D., 1954) at College Station HUGH HEARD (B.A., 1956; M.A., 1958; Ph.D., 1962) in Zurich, BARRY RALEIGH (Ph.D., 1963) in Washington, "etc., etc." The Department should be proud of its graduates." Ken was elected Twenhofel Medalist by SEPM and was given the Orton Award



Edith Hester, B.S., 1958, with her husky dog, Susuki at Alumni Day. Left to right: Dick and Harrison Jamison, Jamison and Hester with husky dog, Susuki, Hester and Dick, all taken at the Cortez Nevada summerfield camp in 1949.

for distinguished alumni by Ohio State University, where he delivered the Bownocker Lectures. His book, *Mediterranean was a Desert*, was published by the Princeton University Press, and he is writing one called *Race Not to the Swift* for Harcourt Brace and Jovanovich.

RICHARD W. HURST (Ph.D., 1975), 1507 Rugby Circle, Thousand Oaks, California 91360, is an Associate Professor of Geology and Geochemistry at Cal State University, Los Angeles. His research on volcanogenesis in the southern California borderland and geochemistry of the Monterey Formation has produced "Volcanogenesis contemporaneous with mid-ocean ridge subduction and translation" in *The Significance of Trace Elements in Solving Petrogenetic Problems and Controversies*, edited by S. S. Augustithis, Athens, Greece. Rick comments, "I am happy to see that the Department of Earth and Space Sciences is continuing to improve its position among the top ten U.S. universities - this is due to the efforts and dedication of your faculty. Congratulations!"

I

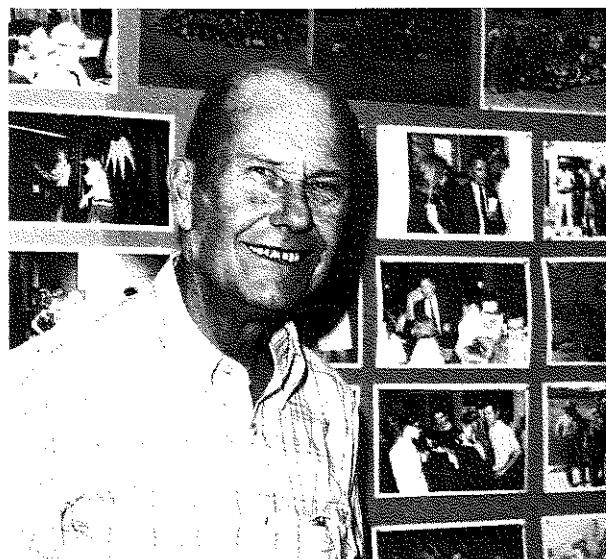
Preston Cloud sent us a copy of John Van N. Dorr II's memorial to EARL MONTGOMERY IRVING (A.B., 1934; M.A., 1935), which we will excerpt for the Newsletter: "Earl Montgomery Irving died May 10, 1983, at Glastonbury, Connecticut, of a sudden heart attack; he was 71...Born in Reedsburg Wisconsin, the son of Earl P. Irving and Florence Montgomery Irving...his father was then a professor of geology at the University of Wisconsin...From his father he also drew his childhood interest in rocks and minerals - from the day he enrolled in his first geology class at the University of California, Los Angeles, there was no doubt in his

mind as to his future profession...After getting his master's, he went to Honduras as exploration geologist and surveyor for the Halliburton Mining Co., locating a promising gold deposit. He received the James Dwight Dana fellowship at Yale (1936-37), where he completed requirements for the Ph.D. degree...Preston Cloud, a contemporary at Yale, says of him, 'He seemed unusually mature to me. I was impressed by his knowledge of minerals, maps, mines, petrographic techniques...and his experience in the real world of applied geology. He had a poised sunny confident manner without the slightest pretension...In many respects he was like an elder brother.' Irving then returned to Honduras as vice-president of the Halliburton Mining Co. and general manager of the Agua Fria gold mine. In 1941 he married Julietta Coello in Tegucigalpa, starting a lifelong partnership." During the War he was "employed by the Foreign Economic Administration, the U.S. Commercial Co., and the Metals Reserve Co. (government agencies set up...to procure strategic minerals)...In 1946 he moved to the USGS Foreign Branch..." and was sent to the Philippines to recreate the mining industry there. He "helped reactivate the Philippine Bureau of Mines, promoted and helped develop the newly founded Geological Society of the Philippines, and contributed at least one paper per quarter to their quarterly publication...He also served as a U.S. delegate to the Eighth Pacific Science Congress (1953)... At the beginning of 1958, Irving resigned from the USGS and was employed by the M.A. Hanna Co. as exploration manager in Brazil, where he was responsible for the exploration of several very large high-grade hematite...and...bauxite deposits. Those deposits are now producing some 15 million tons of high-grade hematite ore and some 120,000 tons of aluminum per year, thus contributing substantial sums to the Brazilian economy and world trade...Irving

returned to the USGS in 1963...and was selected to head a team of USGS geologists to assist in developing the Colombian mining industry. Field training of Colombian geologists, good laboratories, and an established publication program were direct results...In 1972 Irving returned to the United States and was assigned to the Office of Resource Analysis, USGS. He retired in 1974 after a most fruitful career...in applied economic geology. Equally important to him and to others, however, was helping to develop the human resources of the countries in which he worked...His retirement home in Los Angeles was a base for extensive further travels throughout the world for him and his wife. They visited Brazil, crossed Australia by train, and visited the Soviet Union, South Africa, and Europe...An Alaskan trip was cancelled by his death. He thoroughly enjoyed immersing himself in and understanding the many cultures of the world... Earl Irving is survived by his wife...and by two sons and a daughter. He will also be long and affectionately remembered by a host of friends at home and abroad.

J

GARY S. JOHNSON (B.S., Geology, 1971) received an M.S. in Economic Geology in 1981 from the University of Arizona. He is now the Exploration Geologist in charge of Nevada for Union's Geothermal Division, but from May to November of 1983 was on a temporary transfer to Japan's subsidiary based in Tokyo and Hakodate, Hokkaido. His address at Union is P.O. Box 6854, Santa Rosa California 95406, and his home address is P.O. Box 6776, Santa Rosa, California 95406. When asked what he liked best about the Newsletter he replied, "Getting it. Is this the first one?" No, it's about the fourteenth. Glad we found him again.



ROBERT JOHNSTON (B.A., 1936; M.A., 1938) will have to try harder. He had the second highest seniority at Alumni Day, behind Northrup Ellis (B.A., 1929).

ROBERT D. (BOB) JOHNSTON, (A.B., 1941; M.A., Meteorology, 1958) retired from the Air Force in 1972 after 30 years of service as a weather officer. Since 1972 he has been taking "any classes that seem interesting, especially English, history, and humanities in general" at Chaffey College in Alta Loma. He was a member of the Committee on Forecasting of the American Meteorological Society. He likes news of his UCLA contemporaries from 1936 to 1941 and suggests an effort be made to identify persons in the group photos. It's "hard to identify old friends after 40+ years." (Ed. note: it's even harder to identify names of new friends after one evening in a crowd...) His address is 1193 N. Palm Avenue, Upland, California 91786.

PETER JUDA (Ph.D., 1979) passed away in his sleep on Monday, September 17, 1984, following a prolonged illness. Peter had been a Chancellor's Fellow, received his Ph.D. in geology in 1979, and worked as a programmer in the Institute of Geophysics and Planetary

Physics from 1979 until his death. In addition to his science-related work, Peter was a talented professional singer who was a member of the UCLA Madrigals and other choral groups while he was a student here. He had hoped to become an opera singer. At his own request, there was no funeral or memorial service for him. However, in his will he expressed a wish to establish, with whatever remaining funds he had and with any donations that may be made on his behalf, a scholarship fund to be used by his voice teacher to assist needy students.

K

JACK E. KELLY (B.A., 1954) is Vice-President of Anderson & Kelly, Inc., 6700 Emerald St., Boise, Idaho 83704. He is involved in developing low-temperature geothermal resources in Boise and other groundwater projects in the Pacific Northwest and Rocky Mountain states. He writes that "Clarence Hall's pictures look a little different from those in the Glendale H.S. 1948 year-book!" (Ed. note: If he has any 1948 Glendale High School Yearbook Pictures, we'd certainly like to see them!). His home address is 503 Hibiscus Street, Boise, Idaho 83706.

L

ROBERT A. LARSON (B.S., Geology, 1979), currently living at No. 5, 6416 Woodley Avenue, Van Nuys, California 91406, is an engineering geologist working for Slosson and Associates, 14046 Oxnard Street, Van Nuys, California 91401. If the Newsletter were in color, we could publish the beautiful White Mountain Research Station summerfield picture he gave us.

RICK LEWIS (B.S., Geology, 1976) began work with Shell Oil Rocky Mountain Exploration, P.O. Box 831, Houston, Texas 77001, in February of 83. He received an M.S. and a Ph.D. in Geology from Caltech (1977 and 1983) with a thesis "Geology of the Hackberry Mountain Volcanic Center, Yavapai County, Arizona." His current home address is 12735 Whittington Dr., No. 87, Houston, Texas 77077.

JERE M. LIPPS (B.A., 1962; Ph.D., 1966) was "promoted" from Chairman back to regular faculty in the Department of Geology, University of California, Davis, California 95616. "To set history correct, I was never part of Don Carlisle's Vancouver bunch, as reported in the 1981-83 Newsletter, (Ed. note: Not so, according to Carlisle, according to Kathy Jackson who adds: "Carlisle said he was; that's how he remembered it.")...but I always took pleasure in repeating the story of how Don and his students got called on the carpet by a State Senator for parking a UC car in front of a house-of-ill-repute. Seems it also was the only restaurant in town (?). I always wanted to know, since Don and his students were unaware of the dual nature of the establishment, how in the heck did our Senator know enough to report these poor geologists? Seems that John Crowell never changes in appearance! My promotion results in Harry Green's demotion (July 1, 1984) to Chair. We're becoming something of a UCLA branch with Harry, Tony Finnerty, Cord Durrell, and myself. Much to the dismay of our eastern faculty, we add gleefully. Too bad about paleontology at UCLA. Now if you could only persuade Helen to retire (Ed. note: "persuade," my foot!, that dreaded event occurred at the end of 1984, but leaves the main void in the catalog only since the Loeblich's continue to work 18 hours a day, seven days a week in their fifth floor hidey hole), you wouldn't have any (Paleo) now that

Clarence and Bill are Deans. Not that Paleo is necessary, although we do know that life has had as great an impact on earth history as most other things. Can't do everything though!" As to Jere's activities, he continues work on the general topics of evolution, paleobiology of Antarctica, the deep sea, the pelagic environment, foraminifera and extinctions, and holds various offices in the Cushman Foundation. Ken Watson, ever on the lookout, found the notice that Jere was elected President of that Society for 1983-84. He continues as Member of the Board of Directors and Associate Editor of the Foundation's publication, *The Journal of Foraminiferal Research*.



STEVEN R. LIPSHIE (M.S., 1974; Ph.D., 1984) whom we have dubbed "Dean of Graduate Students," has left for the real world, making these hallowed halls a much more lonely place at all hours of day or night. This gentleman's charm and gentle wit have influenced faculty, staff, and students in the area for nigh onto fifteen years. Steve has taken up residence at SKIP STODDARD's abode (while Skip and

Nancy are on sabbatical in New York), and is teaching geology courses at North Carolina State in Raleigh. Steve's office telephone is (919) 737-2210.

KON-KEE LIU (Ph.D., 1979) is an Associate Research Fellow in the Institute of Earth Sciences, Academia Sinica, Taipei, Taiwan, R.O.C. He attended the Ninth International Symposium on Water-Rock Interaction in August 1983 in Misasa, a hot spring resort in Japan, where he met LOUIE LIU (Ph.D., 1970) and "had a fine time." He has been engaged in a Rn monitoring project for earthquake prediction and has publications in *Earth and Planetary Science Letters* and *Pure and Applied Geophysics*. He writes, "It was very fortunate for me to work under Ian Kaplan and to interact with fellow students and scientists such as BOB SWEENEY, YESHU KOLODNY, KEN PETERS, etc."

CLAIRE LUSTIG (M.S., 1984) returned to France after finishing her thesis and is seeking employment there. Her address: 30 Parc d'Ardenay, 91120 Palaiseau, FRANCE.

M

THOMAS L. MacLEOD (B.A., 1949) is an R&D Engineer in international programs at Lockheed-California Company in Burbank, California. He is also a part-time consultant in the oil business. His home address is 301 Bellino Drive, Pacific Palisades, California 90272.

CAROL MANKIEWICZ (B.S., 1975; M.S., 1980) is a student in the Department of Geology and Geophysics, University of Wisconsin, Madison, Wisconsin 53706, where ("pending funding!") she will study calcareous algal facies in Messinian-age reefs of Southern Spain:

paleoecology, sedimentology, and porosity evolution.

CLARE (M.S., 1983) and BRIAN MARSHALL (Ph.D., 1984) left the Department to take up residence at 13015 W. Second Place, No. 209, Lakewood, Colorado 80228.

THANE H. McCULLOH (Ph.D., 1952) is one of the many the Alumni and Development computer can't seem to find: "Although I appreciate receiving the UCLA Geology Newsletter, I wish that your address machine would catch up with your address files." If he but knew the battle we have been waging to have control of our own alumni mailing lists, he would be pleased to know that he will join such other notable "lost souls" as the editor's own brother-in-law, GORDON JONES (B.A., 1959) as examples of why we have been complaining about the service they supply. Thane's address, same as given in last year's Newsletter, is 7136 Aberdeen Avenue, Dallas, Texas 75230.

CARL V. MENDELSON (A.B., Geology, 1976; Ph.D., Geology, 1981) is an Assistant Professor of Geology in the Department of Geology, Beloit College, Beloit, Wisconsin 53511. He is currently studying organic-walled phytoplankton from the Upper Ordovician Maquoketa Formation, eastern Iowa, research supported by a grant from the Petroleum Research Fund of the American Chemical Society. He was invited to chair a technical session on "Precambrian Palynology" at the Sixtieth International Palynological Conference in Calgary from August 26 to September 1, 1984. He plans to be wife CAROL MANKIEWICZ's (B.S., 1975; M.S., 1980) field assistant in Spain, although he plans to "spend most of his time eating paella."

DON MICHAEL (B.A., 1960) was featured in a two-page article in the *Los Angeles Times* "West Section" on May 6,

1984. "A Malibu activist said geologist Don Michael gets involved in 'the good fights' in this environmentally sensitive community, where a controversy of one sort or another is usually brewing. Michael, a longtime Malibu resident, hates labels of any sort, preferring to see himself as a scientist guided by objectivity...The complexity of Malibu's problems is one of the reasons why he finds the area interesting, Michael said. 'We've got the mountains. We've got a large amount of rock types. We've got the Malibu coast fault. We've got the ocean. We've got valuable property, which makes for interesting clients. And we've got a very desirable area, which makes for a lot of pressure to develop.'"

CALVIN AND MOLLY MILLER (Ph.D's, 1978) write "Another year gone by too fast and not much different here except that we're probably starting to drawl and eat too many ham 'n biscuits..." Their home address is 2807 White Oak Nashville, Tennessee 37215; school is Vanderbilt University Box 6028 STA B, Nashville, Tennessee 37235.

DAVE MILLER (Ph.D., 1978) continues his tectonic studies in the northern Great Basin and eastern Mojave Desert as a geologist for the U.S.G.S., 345 Middlefield Road, Menlo Park, California 94025. He ran into ROY BUDNIK, ALLEN GLAZENER, SKIP STODDARD, CALVIN and MOLLY MILLER, BILL CARLSON, and BRAD ERSKINE at the Indianapolis GSA meeting.

Ken Watson, still sleuthing for the Newsletter, turned in a picture of ART MIRSKY (B.A., 1950) General Chairman for the Indianapolis (1983) GSA Meetings.

PAUL K MORTON (B.A., 1953) consults in Economic Geology at P.K. Morton and Associates, 243 Virginia Place, Costa Mesa, California 92627. He took "early" retirement after 24 years in the

California Division of Mines and Geology, where he was Senior Geologist and Minerals Officer. He reports several publications for the Division.

JACK D. MOUNT (M.S., 1972) is the Science Reference Librarian, Camden Library, Rutgers University, Camden, New Jersey 08102. After nearly ten years' tenure as Museum Scientist for the Geology Museum at the University of California, Riverside, he returned to graduate school at Rutgers and received his M.L.S. in 1982 after a year's work. He lays claim to "a slow trickle of publications on Early Cambrian and Tertiary invertebrates" that "flows from his desk; the latest is in the September 1982 issue of *Journal of Paleontology*." He adds that "the news on the alumni is the best part of the Newsletter. The next issue should have news on what the Department staff is doing!...If the Geology Library needs a good geosciences librarian, let me know!"

N

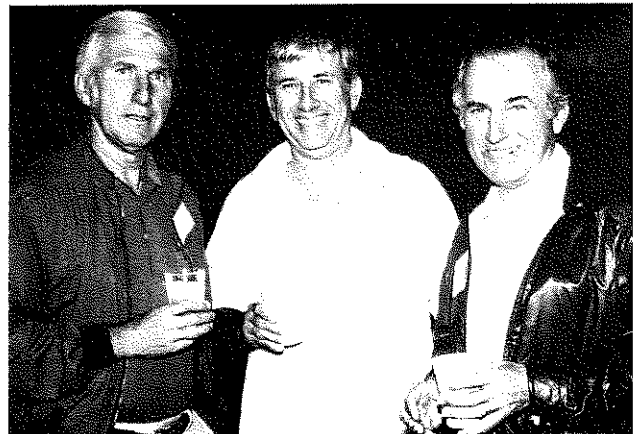
KEITH K. NAKANISHI (Ph.D., 1978, Geophysics and Space Physics) is a Seismologist with the Geosciences Division, Earth Sciences Department, Lawrence Livermore National Laboratory, Livermore, California 94550. He is evaluating seismic data for applications in verifying test ban treaties. His comment hits home at this eleventh hour rush to finish the Newsletter: "...perhaps less comprehensive in exchange for more timely reporting (as in annually)."

O

A letter from **JEROME J. O'BRIEN (B.A., 1932)** to Gary Ernst reports: "I received the 'reward' notice of the

UCLA Second Annual Alumni Reunion to be held on October 5-7. This sounds like a very good and interesting meeting and hope it will continue. Unfortunately, on that date I will be on an assignment out of the U.S., so will be unable to attend but will look forward to next year. Dick Cuthbert, the second from the right in the 'Reward' poster still owes me 15¢ for a Tom Crumpler malt that I bought him in 1930 - I have not seen him since. Extend my regrets to anyone old enough to remember me, that I am unable to be with you but will look forward to next year and have a grand time." Just in case Dick cares to vindicate this slander of his credit rating (hope TRW doesn't read this Newsletter), Jerry's address is 900 N.E. Loop 410-D-119, San Antonio, Texas 78209.

P



JIM PADICK (B.A., 52) (right) came to Alumni Day with his two brothers, both of them UCLA alums as well.

WILFERD W. PEAK (B.S., 1948, Geology) is a self-employed consultant in engineering geology, specializing in studies of dams and related structures. His address is 6360 Eichler Street, Sacramento, California 95811. He retired in January 1984 after 36 years with the California State Department of Water

Resources (20 years as Chief Geologist for the Department's Division of Safety of Dams). He served from 1968 to 1974 on the State Board of Registration for Geologists and Geophysicists (Chairman of the Board, 1968-70) and in October 1984 was appointed by the Governor as a member of California's Seismic Safety Commission - the policy and advisory board in California on all seismic matters for the Governor, Legislature, all State and local governmental agencies. He is a Fellow of the GSA, a Member of the Association of Engineering Geologists and the Earthquake Engineering Research Institute, and a Certified Professional Geologist in the American Institute of Professional Geologists. He recently retired from Military Reserve as a Colonel in the U.S. Army Engineers. He is listed in *Who's Who in Technology Today* and in *American Men and Women of Science*. As far as the Newsletter is concerned, he liked the alumni news and "nostalgia pix" best, "detailed vitae on current staff" least.

ED KIESSLING (B.A., 1950; M.A., 1958) telephoned to say that LEROY PERRY (B.A., 1950; M.A., 1950) is now working for ESSO in London. His home address is 29 Campden Hill Court, Campden Hill Road, London, W8, ENGLAND.

BOB PRESLEY (Ph.D., 1969) is a Professor of Oceanography at Texas A&M, College Station, Texas 77843. He is working on diagenesis of coastal sediments and sediment transport on the continental shelf using barium sulfate as a tracer. He "likes news of alumni of my era and of the faculty. No complaints!"

RICHARD J. PROCTOR (M.S., 1958, Geology) is the President of Richard J. Proctor, Inc., Engineering Geology Consultants, 327 Fairview Avenue, Arcadia, California 91106. He is currently working on the L.A. MetroRail Subway - planning and geologic investi-

gations, and on landslide problems in the Orinda Formation near San Francisco. He just completed four years as Secretary-Treasurer of the American Geological Institute (AGI). Richard reports that DON ROSE (B.A., 1959, Geology) is an independent consultant in geology and engineering, 149 New Montgomery St., San Francisco, California 94105. Richard likes "photos of folds!"

R

Spring Verity reports that KENNETH C. RAABE (B.S., 1979) received his M.S. degree from Purdue University in August of 1983. His thesis was entitled "Mineralogy and Geochemistry of Gold-Silver Veins at the Hock Mine, Alma, Colorado."

B. BRICK ROBINSON (B.A., 1954; M.A., 1956) sent in an address change. He is currently working with Cities Service Oil and Gas Corporation, P.O. Box 939, Bakersfield, California 93302.

JEROLD A. ROBINSON (B.S., 1971) is the co-founder and co-owner of Rainforest Flora Inc., 1927 W. Rosecrans Avenue, Gardena, California 90249, a wholesale/retail Bromeliad and exotic plant nursery. The plants are collected in Central and South America.

JIM C. ROTH (A.A., 1956; B.A., 1956; M.A., 1959, Geology) is the Vice President of Exploration & Land, MCO Resources, Inc., MCO Plaza, 5817 Westheimer Road, Houston, Texas 77057. He was transferred in January of 1984. He also reports that JIM HART (B.A., 1956; M.A., 1959) is presently working as Consulting Seismic Stratigrapher for MCO at their Westwood, California, office.

GARY D. ROSENBERG (Ph.D., 1972) of the Indiana/Purdue University Geology

Department, 425 Agnes Street, Indianapolis, Indiana 46202, was promoted to Associate Professor with tenure. He also obtained an electron microprobe for their department and is "expanding his research in calcified tissues in an area ranging between dentistry and pollution." Gary has recently published papers on growth rhythm and evolution of the Metazoa and the effect of weightlessness on calcification of rat incisors (a joint Russian-American space shot). He writes that he "likes the information about people. Pictures should be labeled (and should have a *scale* - I remember my lesson from Tic Canyon!)."

N. R. "DICK" ROUSSELOT (B.A., 1950) sent us an address change, nothing more: 4723 Spring Meadow Land, No. 3, Midland, Texas 79705.



LESLIE SADLER (B.A., 1983) recently married a gentleman she met while working as a summerhire for Getty Oil in Bakersfield. As of her letter to Spring Verity in June, 1984, she was working as a Financial Analyst for Litton, Inc., in Agoura, "a far cry from geology, but it's an excellent job." She intends to look for a job in Bakersfield, where she will be living after the wedding. The most current address we have for her is P.O. Box 3461, Simi Valley, California 93063.

STEVEN SEMKEN (M.S., 1984, Geochemistry) is a graduate student in ceramic engineering at MIT (MIT 13-4017, Cambridge, Massachusetts 02139) and an engineering consultant at the U.S. Naval Research Laboratory in Washington. His home address is: 60 Wadsworth Street, No. 24E, Cambridge Massachusetts 02142. He writes: "It's good to hear news about recent alumni, especially since I'm 3000 miles away. If

people include their addresses, please print them, as I (and probably others) have lost contact with many old UCLA friends. Thanks for sending the Newsletter!"

ROBERT SHAMLIAN (B.S., 1975, Geology) is the Southeast Area Exploration Supervisor for Marathon Oil, P.O. Box 2659, Casper, Wyoming 82602. He received an M.A. in Geology from U.C. Santa Barbara in 1979.

KENNETH SHAY (D.D.S.) (B.S., 1974) is a Fellow in Geriatric Dentistry (c/o Dental Service A/160) at the V.A. Medical Center, Wood, Wisconsin 53193. He received an M.A. in Geology from Harvard in 1975, had a "brief flirtation with musical instrument repair 1977-78, then UCLA Dental School 1978-82." From 1982-83, he was a general practice resident at the VA in Milwaukee, Wisconsin. Before taking up his fellowship (beginning 7/1/84) in geriatric dentistry, he was in private practice in Chicago, "which is about as enjoyable as an enema....Despite all the jokes about 'drilling,' dentistry and geology have very little in common. Howdy to the Joneses, Clarence Hall, Wayne Dollase, Clem Nelson, Gary Ernst, JLR."

RICHARD C. SLADE (B.A., 1966, Geology) is a Consulting Groundwater Geologist, 4950 Bellaire Avenue, North Hollywood, California 91607. "After 17 years of engineering geologic and hydrogeologic experience with other firms, I established my own independent practice in May of 1983." He has received an M.S. in Engineering Geology from USC and is a Registered Geologist in California and Arizona, a Certified Engineering Geologist in California, and a Registered Professional Hydrogeologist in the American Institute of Hydrology. He is also a member of the Association of Engineering Geologists, the National Water Well Association, and the American Water Works Association.

WILLIAM V. SLITER (B.A., 1958; Ph.D., 1966) is a Research Geologist with the Branch of Paleontology and Stratigraphy, U.S. Geological Survey, 345 Middlefield Road, M.S. 915, Menlo Park, California 94025. He was transferred back to Menlo after four years as Chief, Branch of Paleontology and Stratigraphy in Reston, Virginia. His current research covers Mesozoic foraminifers from limestone and clastic sections in terranes bordering the North Pacific Basin to determine their age, depositional history and paleogeographic origin. He recently published "Autochthonous and displaced (allochthonous) Cretaceous benthic foraminifers from Deep Sea Drilling Project Leg 77, Sites 535, 536, 538, and 540, Gulf of Mexico" with Dr. Isabella Premoli-Silva, University of Milan, Italy.

NEIL B. STEUER (B.A., 1950) was the first recipient of the GSA Management Board's Distinguished Practice Award for "considerable and significant contributions to the technical and/or professional advancement of Engineering Geology." As a member of the U.S. Nuclear Regulatory Commission's Office of Nuclear Regulatory Research, he worked to "conceive, organize, and administer co-operative studies by researchers from various state geological surveys, universities, and the Federal Survey on the geologic and tectonic settings of historic and potential earthquakes in the eastern U.S." Due to poor health, Neil was forced to retire shortly after the award was conceived, and its presentation had to be made *in absentia* at the 1984 Reno GSA meetings. Neil was not well enough to travel from his home in Redmond, Oregon, to receive it. He died quietly in the arms of his wife Marjorie on November 21, 1984.

GARY E. STRATHEARN (B.S., 1978, Biochemistry; Ph.D., 1984, Geology) is an Assistant Professor in the Depart-

ment of Geosciences, Texas Tech University, Lubbock, Texas 79409. His address is 5520 - 56th Street, No. 904, Lubbock, Texas 79414

EDWARD F. (SKIP) STODDARD (Ph.D., 1976) is an Associate Professor of Geology, Department of Marine, Earth and Atmospheric Sciences, North Carolina State University, Raleigh, North Carolina 27695-8208. His work on the southern Appalachian Piedmont is his "main interest now, but I'm going to return to the Adirondacks and New England for a one-semester sabbatical in the Fall" (leaving his North Carolina home to the mercy of STEVE LIPSHIE, ALLEN GLAZNER, and WARREN WEGNER. He reports that CALVIN and MOLLY MILLER will spend 1984-85 in teaching and research at R.P.I. in Troy, New York, where FRANK SPEAR will join the faculty in Fall 1985 after a year in Europe and New England. Regarding the "Newsletter, I like you just the way you are! (Actually what I like best is the editor...)" (Grin) "Vicki, thanks for lending Jonesey to us last year!" (Ed. note: Jones was sent to help Skip set up his 'probe lab. Anytime, Skipper).

JOE M. STRAUSS (Ph.D., 1972) is the Head of the Atmospheric Sciences Department, The Aerospace Corporation, carrying out basic and applied research in atmospheric and ionospheric physics. His address is: 9301 Cresta Drive, Los Angeles, California 90035.

HAROLD W. SULLWOLD (B.A., 1939; M.A., 1940; Ph.D., 1959) is an independent geologist in the Carpinteria area (560 Concha Loma Drive, Carpinteria, California 93013), initiating prospects in the Sacramento Valley. In 1983, he wrote and published a delightful book of cartoons about geologists, a copy of which he enclosed to "pass around the faculty and then the library - if you can figure out a catalogue number for it!" (This was subsequently

"borrowed" from the editor's office and has yet to be returned. Unfortunately, therefore, no samples will be published in the Newsletter this round.) About the Newsletter: "This last one was a dilly! Keep it up. On Page 16 there is a gap (1932-39) in the chairman list. I know Miller was Chairman in 1935 when I began, but I can't remember when he retired. Are the contributions on Page 17 for 1983 only? It seems like an abridged list ('cuz I'm not on it)." (Ed. note: What happened is fiscal year vs. real time. The gentleman is, therefore, on this year's list and was also listed among those who made donations to alumni day.)



K.D. Watson was one of the UCLA representatives at the "Man of the Year" fete for Takeo Susuki (left).

TAKEO SUSUKI (B.A., 1949; M.A., 1951) who has worked 35 years for UCLA and the welfare of his community, was honored as "Man of the Year" by the West Los Angeles Lions Club. Quoted from the official UCLA press release: "As Senior Museum Scientist and Geology Lecturer in the Earth and Space Sciences Department, Dr. Susuki has been counselor and friend to a generation of UCLA students and a prime source of fossil lore for geologists around the world. His community services, for which the 63-year-old Susuki

was honored by the Lions Club, might tax the energy of a platoon of volunteers...During the Lions Club luncheon at the Masonic Temple, Susuki was honored by the community organizations has has served and showered with congratulatory proclamations and resolutions by Governor George Deukmejian, Mayor Tom Bradley, State legislators, county supervisors, city councilmen, overseas friends, and UCLA...."

W

RAY WALDBAUM (B.S., 1966, Geology) 1610 Loma Crest, Glendale, California 91205, is a Senior Engineering Geologist, Medall, Aragon, Worswick & Assoc., 2044 Cotner Avenue, Los Angeles, California 90025. Writes a pretty piece for one who claims to be "a pretty dim bulb as a student," who has "found a comfortable niche and satisfying career as an engineering geologist." And concerning the Newsletter, "The pictures are *great!!* The Newsletter is a beautiful piece of work and is really more like a 'Yearbook.'" (Ed. note: Not a bad idea, think we'll change the name here and now.) "It would be nice if alumni who did not go on to become great successes in research and/or academics could be persuaded to respond to questionnaires like this one." (Another Ed. note: Think we need this man on staff!)

LISA (ARMSTRONG) WARNEKE (M.S., 1982) is a research associate in the Department of Geological Sciences at the University of Arizona, Tucson, Arizona 85721. Her home address: 2002 E. River Rd., N-10, Tucson, Arizona 85718.

A nice note came from Jean Anderson Wheatley, widow of **GEORGE Y. WHEATLEY** (B.A., 1936), who passed away on 1 April 1983. She writes, "I enjoyed the Newsletter. Many of the

names and faces of the oldtimers were familiar to me. I met George in Dr. Grant's Paleo. class. On Page 13 of the Newsletter, my brother, Colin Anderson is in the first row, fifth from the left. He left college to join the Airforce." We hope that Mrs. Wheatley stays on the official University roster in George's name and continues to receive the Newsletter.)

JERRY WILLIAMS (B.A., 1955; M.A., 1957) was another of our alums featured in a two-page article in the *Los Angeles Times*. The article, "Dead Sea Area: U.S. Geologist Will Drill for Oil in Israel," appeared on April 10, 1984. "Prime Minister Golda Meir once lamented that Moses led the forebears of today's Israelis through the wilderness for 40 years only to bring them to the one place in the Middle East that has no oil. 'As great a stateswoman as she was, we hope to prove she was not a prophet,' Williams said...He lives in Breckenridge, Colorado, but spends much of his time in Tel Aviv... Williams is president of a U.S. registered corporation called Isramco - the name is an unabashed takeoff on the Saudi Arabian oil giant Aramco... 'There is a preconceived wisdom that there is no oil here,' he said. 'Some oil companies don't want to work here because of the Arab boycott. However, we are talking to substantial investors who would have no trouble working in Israel, but we are up against the 'no oil' prejudice. If we can prove there is oil here, all that will change. Oil companies are like sheep. They follow each other around.'"

WILLIAM R. WOOD (B.S., 1973) of 2771 Ascot Drive, San Ramon, California 94583, is an Exploration Geologist for the Western Region Exploration Department, Chevron, U.S.A., 2003 Diamond Blvd., Concord, California 94520. He has been an employee of Chevron for two and a half years and has worked as a Development Geologist for one year

and Staff Geologist for the Chief Development Geologist for one year. He received his M.S. degree in 1981 from Cal State University, Los Angeles with a thesis on "Geology and Geochemistry of the Santa Catalina Island Volcanic Rocks."

Y

GORDON A. YOUNG (B.A., 1943) consults in Petroleum Exploration, Petroleos de Venezuela, S.A., Coordinacion de Exploracion, Apartado 169, Caracas 1010, Venezuela. He is presently working as advisor in exploration planning (exploratory drilling programs and geophysical surveys), evaluation of exploratory prospects submitted by affiliated companies, and estimation of country-wide reserves. He included a very long list of publications both in Spanish and English; and the list of scientific societies of which he is a member, fellow, founder, editor, advisor, and even president (Asociacion Venezolana de Geologia, Mineralogia y Petroleo) is a half page in length.

Do any of you know the whereabouts of any of these "Lost Souls?"

Charles E.	Abel	Merle Richard	Gilb	Harry W.	Lusk
Harry Berkley	Allen	James	Goldberg	Murdock Allen	Nicholson
H. Cliff	Anderson	James A.	Goodrich	Charles Warren	Drvis
Richard	Anderson	Charles Edward	Gordon	Joseph Mervin	Passarini
Thomas I.	Anderson	Gerald	Gorian	Humberto Ramon	Perez
David Dwen	Anderton	Michel	Gorodetsky	Edward H.	Phelps
James M.	Babcock	William A.	Greenwalt	Roy Joseph	Picard
Allen Denman	Bailey	Robert F.	Gregory	Gordon Leroy	Pine
John L.	Ball	Henry M.	Griffith	Winford Obid	Piant
Wesley F.	Barrett	Robert A.	Grimes	Donald	Preston
Robert Eugene	Beckes	Charles Gilbert	Gunnerson	Sterling	Pryer
Thomas J.	Bekey	Dttis Don	Guttery	James	Rammeikand
Harold G.	Billman	George	Guynes	Holis W.	Record
Susan Sam	Block	Douglas F.	Hamelin	Charles D.	Redmond
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News, addresses of other alumni, other information:

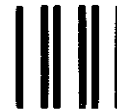
(Same old question, added weight): What do you think of the Newsletter? And now the clincher: Would you be willing to help support it (e.g., with donations or cheap advertising. We might advertise "personals," goods and services for sale, could provide typesetting and artwork. Current potential readership is 1753 alumni.) Is there anything that you would like to see added (e.g., two- or four-color printing, additional publications)?

Dear Alumni:

You can help us to improve the Department of Earth and Space Sciences. The questionnaire on the back side of this page has been expanded over preceding year-models: When you return this self-mailer (we pay the postage--please make sure to staple or tape it closed), your answers will be considered very carefully by the Department. Your response may be as short or as lengthy as you wish. We are interested in *anything* you feel might be relevant.

If you have questions or additional comments, you are always welcome to telephone Vicki at (213) 206-8439 or leave a message for the Newsletter editors in the Departmental Office (213) 825-3880.

We are going to attempt to have future Newsletters finished by the first each year, and next year's Newsletter will have some new features (e.g., photographs and articles about alumni activities as well as those of faculty, staff, and students). If you have anything to add in the way of interesting stories or intriguing photographs, please send them along. If next year's Newsletter is dry reading, it's partly your fault!



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