

Fifty Hewlett-Packard Scholarships Granted

315 Students Honored Since 1951—

On May 20, 26 Bay Area graduating high school seniors were awarded \$750 cash scholarships from the Hewlett-Packard Employees' Scholarship Fund. In addition to the 26 local awards, 21 other scholarships were awarded by the HP Manufacturing divisions in Southern California, Colorado, New Jersey, Massachusetts, and Pennsylvania. Three awards were also granted to candidates from Midwest and Southern Sales Regions.

Throughout the corporation, employees contributed \$27,200 during the recent Fund drive, with \$14,300 of this amount coming from the Palo Alto area. In addition to this, the Fund investments will produce about \$10,800 income this year.

Since the program began in 1951, 194 scholarships have been granted to graduating seniors in the Palo Alto area. In the corporation as a whole, 315 young people have been so honored.

The Fund was started by employees of Hewlett-Packard to assist employees' children in pursuing higher education at the college or university of their choice. Annual employee contributions are added to a trust fund and the number of scholarships is determined by these donations and the earnings of the Fund. Awards are made on the basis of scholastic achievement, financial need, participation in activities, and educational objectives.

This year's Palo Alto area recipients, along with their HP parents, are listed alphabetically as follows:

Kim Andersen, Palo Alto High School, son of Amie Andersen, Corporate Materials; Rob Anderson, Campbell High School, son of Merlin Anderson, Manufacturing; Deborah Bain, Awalt High School, daughter of Mitchell Bain, Cupertino; Ron Buck, Fremont High School, son of Mildred Buck, Cupertino; Art Budros, James Lick High School, son of Arthur Budros, Microwave; Betty Cefres, Ravenswood High School, daughter of Bobbie Cefres, Santa Clara; Jeff Chamberlain, Lynbrook High School, son of Gerald Chamberlain, Microwave; Jan Costley, Overfelt High School, daughter of Theresa Costley, Santa Clara; Laura Forrester, Homestead High School, daughter of Eugene Forrester, Manufacturing; Rosemary Godfrey, Carlmont High School, daughter of Elvira Godfrey, Manufacturing; Erica Gould, Lynbrook High School, daughter of Elvira Gould, HP Labs; Mary Jackson, Presentation High School, daughter of John Jackson, Printing Services; Nancy Jacoby, Sunnyvale High School, daughter of David Jacoby, HPA; Cheryl Kincaid, Cupertino High School, daughter of Wilfred Kincaid, Manufacturing; David Krasowski, Sunnyvale High School, son of Thadeus Krasowski, Santa Clara; Holly Lawson, Gunn High School, daughter of Arden Lawson, AMDATS; Gary Loebner, Gunn High School, son of Egon Loebner, HP Labs; Gary Morton, Cubberley High School, son of Wilbur Morton, Microwave; Deborah Moy, Sequoia High School, daughter of Walter Moy, BAEDP; John Pritchard, Los Altos High School, son of Loren Pritchard, Manufacturing; Jean Shimoguchi, Fremont High School, daughter of Yas Shimoguchi, Manufacturing; Kenneth Sinclair, Lynbrook High School, son of Walter Sinclair, Manufacturing; Ronyse Templeman, Wilcox High School, daughter of John Templeman, Santa Clara; Rick Thoman, Homestead High School, son of Nancy Thoman, Electronic Products Group; Shirley Jean Vaughan, Campbell High School, daughter of Lloyd Vaughan, Microwave; and Ron Watson, Menlo-Atherton High School, son of Darlene Watson, HP Labs.

Red-Letter Day

Profit-Sharing Distributed—

Thursday, May 27, HP distributed \$2,351,023 to eligible employees under Hewlett-Packard's cash profit-sharing plan.

HP employees eligible to participate in the plan receive profit-sharing checks twice annually—at midpoint and again at the end of the company's fiscal year.

On the San Francisco Peninsula alone, about 6,000 employees at HP's Palo Alto, Mountain View, Cupertino, and Santa Clara facilities received checks totaling \$1,255,041.

Profit-sharing has been an HP policy since the company was founded in 1939.

HEWLETT-PACKARD Savings Bond Drive Starting June 15

Questions and Answers About Improved U.S. Savings Bonds

The yield on Series E and H bonds has been improved, retroactive to June 1, 1970.

What Savings Bonds are affected by the new rate?

All Series E and H Savings Bonds—new issues and outstanding issues.

How is interest paid on these Bonds?

Series E Bonds are accrual-type securities sold at 75 percent of face value. Interest is paid by gradual increase in redemption value. E Bonds now mature in 5 years, 10 months; older E Bonds had various original maturity lengths ranging from 7 to 10 years. Series H Bonds are current-income securities, sold at par (face) value. Interest is paid by semi-annual checks issued by the Treasury. H Bonds mature in 10 years.

What is the new higher interest rate?

Series E Bonds now on sale return 5½ percent interest, compounded semi-annually, when held to maturity of 5 years, 10 months. They earn 4.01 percent the first year; thereafter, interest increases on a graduated scale; at maturity, they receive a ½ percent bonus, raising the yield to 5½ percent from issue date to maturity.

Series H Bonds now on sale also return 5½ percent when held to maturity of 10 years. They earn 4.49 percent the first year, 5.30 percent for the next 4 years, and 6.00 percent during the sec-

(Continued on page 2)



1971 HEWLETT-PACKARD SCHOLARSHIP photo taken following HP Vice President RAY WILBUR's (top left) congratulatory remarks to the outstanding group: left to right, first row—NANCY JACOBY, RONYSE TEMPLEMAN, LAURA FORRESTER; second row—CHERYL KINCAID, HOLLY LAWSON, ROSEMARY GODFREY, JOHN PRITCHARD; third row—ERICA GOULD, BETTY CEFRES, MARY JACKSON, SHIRLEY JEAN VAUGHAN, GARY LOEBNER, KIM ANDERSEN; top row—ROB ANDERSON, ART BUDROS, KENNETH SINCLAIR, GARY MORTON, JEFF CHAMBERLAIN, DAVID KRASOWSKI, and RICK THOMAN. Those unable to be present at time photo was taken were: DEBORAH BAIN, JEAN SHIMOOGUCHI, DEBORAH MOY, JAN COSTLEY, RONALD WATSON, and RON BUCK. (Please refer to adjacent article for parent credit.)

IMPRESSIONS

Anent Parking—

When people ask, "Where do you work?" we respond with, "Hewlett-Packard, of course!" We give the *impression* that there is no other place to work. Our being proud of being able to say that we are with our Company creates an *impression* of our cooperation with others and our willingness to produce.

When visitors come to our plants they often have a slightly different *impression* of us. Their first question is, "Where do we park?" Now that is a very good question to ask, especially if you are an HP visitor. Near the lobbies in Building 3 and 5 are lots of signs that say "Visitor" but are these places reserved for our daily visitors? Nope—they are filled with cars that belong to—guess who? HP employees.

It is very important to have places open for our visitors to park in (many of them are customers, by the way); and equally as important for them to have the *impression* that we here at HP are glad to have them and have available parking areas for them.

Let's exhibit some of the cooperative spirit we all have as "HP People" and park our vehicles in regular employee parking areas, and at least give the *impression* that we are considerate of our visitors.

Microwave Link Analyzers Reordered by WE

South Queensferry Product—

Hewlett-Packard has been awarded a contract for 100 of its microwave link analyzers by Western Electric Company. Western Electric has now ordered approximately \$2 million worth of these units, it was announced by John Young, vice president and general manager of HP's electronic products group.

"The units identify, measure, and locate distortion in the microwave radio links that carry telephone conversations, television pictures, and data communications across the United States," Young said.

Worldwide sales of these microwave link analyzers have totaled more than \$6 million, according to Young.

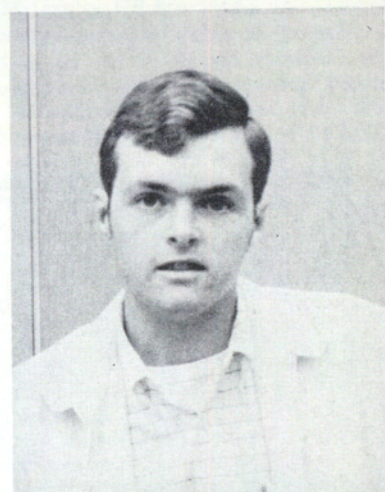
The HP solid-state microwave link analyzer is a portable instrument with integral display. The two-piece unit is designed to be carried easily to the relay stations, which are often located on remote mountain tops for better line-of-sight transmission. The units were designed and are manufactured by Hewlett-Packard Ltd. at South Queensferry, Scotland, and marketed by HP throughout the world.

Bender Honored



George Bender, of HP Cupertino Division, has been elected Vice President of the Institute of Plant Engineers, Santa Clara Chapter #39, for 1971-72. George served as secretary of the same Chapter for the 1970-71 term of office.

Vietnam Casualty



ROBERT UHL

HELICOPTER PILOT Bob Uhl, on leave from Microwave, was shot down over Vietnam on the morning of May 3. Bob had taken military leave April 14, 1969, from the Microwave Division, where he had worked in Leo Stephens' area.

Uhl's many friends at Hewlett-Packard, who had hoped and prayed for his safe return, were shocked and deeply saddened when the news of his untimely death reached them.

Bob was a fellow who possessed an excellent outgoing personality and was respected and admired by all who knew him. He is survived by his mother, Mrs. Elizabeth Uhl, of 1549 Lodi Avenue, San Mateo.

Full military ceremonies were held at Golden Gate Cemetery on May 11, the date of Bob's 23rd birthday.

SHOOT THE WORKS WITH

U.S. SAVINGS BONDS



Success comes more from thoughtful wishing than from wishful thinking.

HP Ham Club Plans Field Day

By BILL HAMLIN

Visitors Welcome—

HP Radio Hams, under the call K6FB, will be participating in the annual American Radio Relay League Field Day from noon Saturday to noon Sunday, June 26 and 27, from the Santa Clara County Boy Scout Camp (Camp Stewart), which is on a mountaintop high over Saratoga.

Visitors are invited to come and view the seven short-wave and VHF radio stations operating from power supplied by the HP motor generator set. The purpose is to have fun operating radio stations from remote outdoor sites and run up a contest score for the most stations worked in as many states and Canadian provinces as possible.

This activity proves operator skill and the capability of portable equipment used in emergencies as a public service when commercial services are out of order or inadequate. This situation could occur during a disaster such as a major earthquake.

Visitors will get a guided tour of the stations, which will be in separate tents to keep interference between them to a minimum. To get to Camp Stewart, go up Oak Street out of Saratoga center to the mountaintop until you see HP FD signs.

Across the Nation—

The transmitters and receivers are owned by the club members and all have power ratings under 250 watts. Operation will be in both radiotelephone and CW (Morse code). The two highest frequency band transmitters with chief operators *Chuck King* (K6CTQ) and *Dennis King* (WB6JS2) (15 and 20 meters) will easily reach other ham stations as far away as the states of Maine and Massachusetts. Powerful 3-element beams will serve as antennas.

Operation will be around the clock and in the wee hours of the morning our chief 75 meter operator, *Hal Wilkinson* (WB6JGS), hopes to reach the East Coast on that lower wave length using a fantastically large 3 element Sterba array he plans to erect. He will be helped by *Len Smill* (W6NIS).

Neil Newman (WA2ZED) and *Earl Freeman* (WB6DEY) will handle the 40 meter rig, which will be coupled to a spider web antenna. This is the main stay frequency because it can be depended upon to cover good distances both day and night. *Bill Hamlin* (W6GENU) will be chief operator on the 80 M cw rig as well as 20 M single sideband phone. On the VHF bands, *Bruno Bienenfeld* (4X4DH/VE3DAG) and *Bob G. Clark* (WA6PYQ) will operate FM phone equipment with high gain antennas in an attempt to break some records.

No mountaintop repeaters will be allowed in this year's contest. Something new will be added this year by including a Novice Station. The ARRL always encourage newcomers to the hobby and this year have allowed Novice licensees to participate with their own transmitters operating in Novice frequency bands. The HP Novice station will be under the charge of *Jay Hamlin* (WN6HBS), who is 12 years old. Other novices have been invited to help out, so we hope the kids have a real good time camping and hamming.

The chief operators mentioned are in charge of scheduling the operation of their station, but other HP hams are invited to fill. We hope to keep all stations going continuously for 24 hours to make the highest score possible.

Thursday Night Meetings—

Plans for the Field Day activity are being firmed up every week with a round-table discussion on the air. This may be the start of a regular weekly HP ham network. The net is each Thursday night at 7:30 p.m. on 7260 kHz.

Others that will be helping out are: *Brian Westfall*, K6OJM; *Elmer Talbert*, W6PFC; *Jerry Fulstone*, WA6EJV; *Mike Eccles*, G3PPE/WG; *Gene Reynolds*, K6QOM; *Jim Lock*, K8ROM/6; *Sam Teresi*, W6EOA; *Lyle Hornback*, *Bill Murrin*, and *Erhard Ketelson*.

Tooling Men Hold Outing

And a Challenge Is Settled—

Rumors had been circulated that the Manufacturing Engineering Tool Shop had an unbeatable group of baseball men. Stimulated by this rumor, the Tool Design and Engineering Groups issued a challenge. On Friday, May 14, at Mountain View Recreation Center, the historic game was played.

Well-known European members of the teams added spice to the game by not knowing how to hold the bat or when to run for a base. However, under the skillful guidance of umpire, *Erich Jurak*, the game progressed with a reasonable amount of chaos. With *Erich's* help, the tool engineers were able to finish out the game without losing face, although they did concede the game and presented the Tool Shop with a magnificent trophy.

Tool Shop provided beer under the direction of *Ron Fox*, who kept the froth low. Tool Engineering provided food under the direction of *Bob Guisto*, who boiled up some pretty good hot dogs.

In a contest of beer drinking using baby bottles with nipples, the tooling men demonstrated their inherent ability in this regard. Winners were *Bill Peters* and *Herman Ziegler*.

An enjoyable time was had and, hopefully, after vacations a rematch may be held. Thanks are due to all who assisted. (See photo below.)



TOOLING MEN HERMAN ZIEGLER and BILL PETERS—"two happy winners."

HP Family Picnic Schedule

| Division | Date |
|---|---------|
| Microwave | June 5 |
| Santa Clara | June 12 |
| Manufacturing | June 19 |
| Cupertino, Mountain View | June 26 |
| Corporate (Int'l., CSC, Delcon, Neely, Sci. Instrument) | July 10 |
| AMD | July 17 |
| HPA | July 24 |

Savings Bond Drive

(Continued from page 1)

and 5 years; raising the rate to an average of 5½ percent for the 10-year period. Where do I buy Series E Bonds?

E Bonds may be bought over the counter or by mail at banks, savings and loan associations, and other local sales agencies; Federal Reserve Banks and Branches, and the Office of the Treasurer of the United States, Washington, D.C. 20220. Regular bond purchases may be arranged through the Payroll Savings Plan at Hewlett-Packard or the Bond-a-Month Plan where you bank.

Can I hold Series E Bonds after maturity?

E Bonds now on sale may be retained at interest after original maturity for a 10-year extended maturity period. No special action is required to take advantage of this extension privilege—just hold the bonds. Bonds dated prior to May, 1952, have been granted two 10-year extensions. This means that all E Bonds now outstanding—regardless of age—are still earning interest.

Is there any limit on the amount of Savings Bonds one may buy?

Yes. The annual limit on Series E Bonds is \$5,000 issue price; the yearly limit on Series H Bonds is \$5,000 face amount.

Save—The Credit Union Way

It's Easy and Painless—

Would you believe that the HP Credit Union loaned well over \$200,000 during the month of May, 1971? Well, that's exactly what happened! To provide funds to meet this heavy loan demand, the credit union has been encouraging member savings deposits—both via payroll deduction and by over-the-counter deposits.

It pays to save, and the HP Credit Union is an easy and painless way to do so. The credit union has been paying dividends quarterly at an annual rate of 5¼%. Savings accounts are insured up to \$20,000 by an agency of the federal government. Member savings are, in turn, invested via loans to other credit union members. Effectively, the HP Credit Union is a rapidly growing financial cooperative wherein the employees of Hewlett-Packard help each other.

Aside from the fact that the HP Credit Union could use savings deposits for loan purposes, there are many reasons why the credit union encourages its members to save. But let's allow a few of the members to tell us why they save. Here's a sample:

"We're saving for unforeseen expenses such as medical expenses and auto repairs."

"Our son hopes to attend medical school. We're saving for his education."

"We're saving for our yearly big expense items such as property taxes, auto insurance, and state income tax."

"I'm saving to buy a motorcycle and dishwasher."

"I'd like to accumulate an estate for my family. That's why I save."

"We're saving to buy new carpeting and drapes for our home."

"I'm saving for my vacation. We hope to visit the in-laws in the Midwest later this year."

"I save with the credit union because it's the only way I can save for the future. If we see the money, we spend it."

"I'm saving for retirement. Don't want to be a burden on the kids."

"I like to use the credit union to equalize my paychecks throughout the year. As soon as social security and state disability deductions stop, I increase the amount of my credit union savings."

"We're saving to buy a new station wagon next year."

"I save because I don't like to spend money."

The above are some of the many reasons why people save with the HP Credit Union. Why not think up a few reasons of your own and start to save now? The credit union can use your money as there are an equal number of reasons why people borrow. More on that in a future *Watt's Current*.

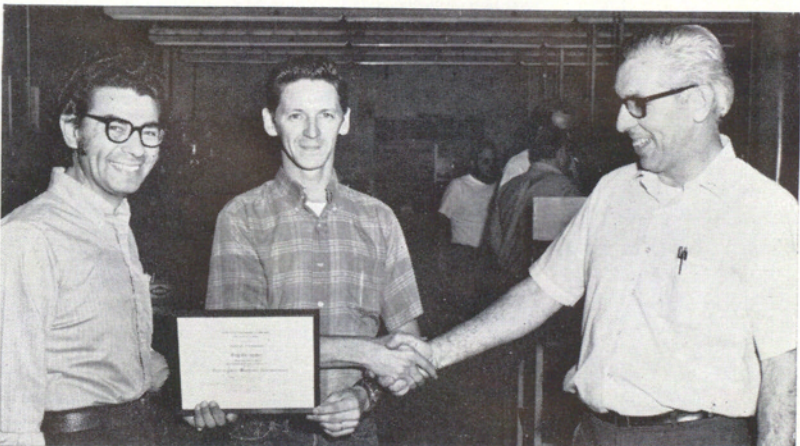


PICTURED ARE two more people who have joined the Machinists Apprenticeship program roster. Proudly displaying their certificates, presented to them by Vice President RAY WILBUR (left), are JOHN HAVILLAND (center), now working for JOE SPINOZZI, and BOB LABSON of FRANK GERRITY'S group.



Photo by Art Fong

SHOZO YOKOGAWA (director, president of YHP), shown presenting 10-year service pin to FRED BODE (director, marketing manager of YHP). Fred, with Neely-HP for 9½ years, has been with YHP for the past nine months. "Watt's Current" is indebted to Art Fong, its overseas correspondent, for above photo.



GUY THOMPSON, center shown being congratulated by VIC MUNOZ (left) and HOWARD FOSTER (right). Guy received his Journeyman Machinist's certificate and is now working on the Swiss automatic screw machine in the lathe department, Building 4 Lower.



AN AMERICAN CITIZENSHIP celebration was held for AIDA NELSON on May 26 at the HP Laboratories administration office, attended by about 80 persons. Aida, a native of Ecuador, South America, has been in the United States for 5½ years. She is an accounting clerk III for DAN LANSDON and has been attending San Jose City College, where she has been on the Dean's honor list. In the fall she plans to attend Cal State in Hayward where she will pursue her quest for knowledge in order to obtain a degree in accounting. Creative and versatile Dan Lansdon made the unique sign on the wall.

Start saving the money you thought you'd have saved by now.



Take stock in America Buy U.S. Savings Bonds

...about



By GEORGE CLIMO

A Little Matter of Perspective—

The lines at the bank were longer than usual. Everyone needed a bit extra for the Memorial Day weekend. Fred and Herb were queued up and comparing holiday plans.

Fred: Think I'll try regular gas in my Caddie on our New Orleans trip. That drop in the profit-sharing check was a blow. We're going to try and make it to Florida.

Herb: Yeh. We decided to stay home this year.

Fred: My only consolation was winning the department pool on the profit-sharing percentage. I was closest at 5%.

Herb: Dreamers. Sounds like you guys haven't been reading the newspaper. Things are still a bit slack in the electronics business.

Fred: Well, I guess you're right. Maybe we should just settle for a picnic at Little Basin. But it's a bit discouraging.

Herb: I have a suggestion. On your way back from the bank, drive past the state unemployment office. It tends to give you a different perspective on our situation at HP.

Fred: They tell me the lines are even slower than here at the bank.

Herb: It could be worse. We could be in the airplane business. One of my friends saw that new highway billboard up in Washington: "Will the last one to leave Seattle please turn out the lights."

Fred: There's your teller, Herb. Have a jolly weekend!

Hewlett-Packard Wives

Reporter: ALICE WILLRODT

Lace It Up!—

Interesting and fun things have been happening for our HP Wives. At one meeting some became acquainted with macramé for the first time and learned how to do it. Another event was a delightful tour of Hakone Gardens, followed by a visit to the Paul Masson Winery in Saratoga. And a real fun weekend for members and their families was at the Calaveras Frog Jump when the *Smith Klimes* shared their "cabin" at Blue Lake Spring, Arnold, California. Also, members have driven around the area to show wives of visiting HP employees this lovely part of California.

If any of you wives are interested in meeting other HP wives or in coming to the next meeting of this group on June 23 for a unique Beading Demonstration at *Pat Browning's* home, please call her at 378-0584 in San Jose. For those in the Palo Alto area, please call Mrs. *Don Cross* at 321-4149.

For those who are looking for "something good" to do, we are making handicrafts which we will sell at a flea market in September, the proceeds of which will help the Volunteer Bureau of Palo Alto. For further information on this, please call *Alice Willrodt*, 325-3114.



wescon
San Francisco, August 24-27, 1971



ANGELS IN WHITE. Twenty-two nurses, department heads, and supervisors from Japan visited the Bay Area the first two weeks in May and took a tour of our Corporate training facility at 640 Page Mill Road. The nurses represented 17 hospitals from all parts of Japan. The trip was sponsored by the Nurses' Association of Japan to acquaint them with the latest medical practices in the U.S. Since Hewlett-Packard is one of the world's largest manufacturers of medical electronic equipment, the nurses expressed a desire to see some of our latest medical instruments. They were shown a typical coronary care monitoring system, used for training in Building 11, and one of our locally produced TV tapes on electronic medical instrumentation. HP group tour leaders were: **ANDY PEET, JOSE HERNANDEZ, and SHU ASAI.**

Ecology Credit Oversight

By JOYCE TULLY

One of First to Recycle Punched Cards—

A recent feature article in the *Palo Alto Times* told of the recycling activities of several Peninsula firms. HP was not mentioned in the article, although *Walt Moy* initiated a recycling program for punched cards more than five years ago, and since the beginning of this year we have been recycling computer printout, also.

Bob Johnson, Operations Manager at the BAEDP Center, discussed the recycling possibilities with a representative of B-J Services of Brisbane (a firm that buys waste cards and paper for reprocessing) and determined that recycle bins and pallets (for boxed material only) could be situated in strategic areas throughout the Stanford complex. This would enable us to accumulate and dispose of recyclable material with a minimum of supervision and effort.

Bob presented his ideas in a Management Services luncheon talk, and followed through with a letter to some of the BAEDP users. There was an immediate response, and soon boxes began to appear on or by desks bearing exotic labels like "Tree Saver," "Recycle," and "Ecology." Within the computer room itself, two containers are set aside for the accumulation of cards and printout for recycling, with conspicuous banners proclaiming "Save Our Trees!" A pallet set up in 3L (opposite Office Supplies) was effective for only a very short time. It soon became apparent that it was inadequate to handle the volume of material rapidly accumulating. A bin has replaced the pallet, and the vendor is now making weekly pickups of the material.

Since we began recycling the computer printout in January, we have accumulated a little over 5½ tons for recycling purposes. In that same period we recycled 7½ tons of punched cards.

The most important factor in assuring the success of the recycling program is the concerned and informed individual participant. The areas dedicated to recycle bins and pallets should not be used for trash disposal (e.g., coffee cups, cigarette and gum wrappers, etc.).

We're off to a good start and the initial enthusiasm has not waned, but has increased to some degree. The recycle program is yet another indication of HP's continuing policy of involvement in community affairs.

Recyclable material includes: computer printout (without carbon), punched cards, bond stationery and Xerox paper. No magazines or chemically treated paper (e.g., Ozalid, NCR, etc.) are acceptable. Forms bonded with water-soluble glue are okay, but not if bonded with latex glue.

HEWLETT-PACKARD COMPANY WESCON PARTICIPATION

WESCON Committees:

Al Oliverio, WESCON Show Director
Jack Beckett, Co-Chairman Host Committee (ex-WESCON Board Chairman)
Ross Snyder, Co-Chairman, PR Committee
Peter Nelson, Member, PR Committee

WESCON Technical Program:

Session 14

Present and Future of Automatic Test Languages
Organizer and Chairman: Bob Grimm, Automatic Measurement Division

Paper: William Ray, Microwave Division

Session 19

Tomorrow's Programmable Calculators

Paper: Robert Watson, Loveland Division

Session 21

Commercial Applications of ATE

Paper: Dave Kline, Automatic Measurement Division

Session 26

Microwave Solid-State Devices

Organizer and Chairman: Richard Soshea, HP Associates

Paper: A. M. Cowley, HP Associates

Paper: Sanehiko "Sandy" Kakihana, Microwave Division

Session 32

Air Pollution Control: Where We Are and Where We Are Going

Paper: John Hern, Scientific Instruments Division



Photo by Dick Coulter

CONGRATULATIONS to the HP women golfers on winning the third annual tournament with United Technology Corporation at Deep Cliff Golf Course, May 15. Pictured from left to right are **MARIALIS COLLINS, SOPHIE COGDELL, BARB GRADY, EMILY OCANO, and BEE DOEBLER.** Also playing in tournament and not pictured, were: **DOREEN MORRIS and LORETTA LIPKO.**



Photo by Bob Augustine

GLENN HERREMAN's 20 years of service with HP was celebrated with a beautiful cake presented him by his Gauge Lab people and attended by the many friends he's accumulated all these years. Glenn was a tool engineer and in QA for ten years, and for the last decade has been Manager of the Gauge and Metrology Lab in Building 5 Lower. Glenn said, "It's been great working for HP and being associated with a great bunch of people." He is pictured with a few of the many persons who gathered for the occasion; in photo are, left to right: **PAT LADOUCEUR, Glenn, BEA PANETTA, ANN MITCHELL, GEORGE BORG, and DORIS PERKINS.**



A SURPRISE LUNCHEON was held May 17 for **DON HAMMOND**, director of the Physical Electronics Lab of HP Laboratories. The occasion was in honor of his receipt of the "C. B. Sawyer Memorial Award" for outstanding contributions to the field of quartz crystals and quartz devices. Specifically, the award read, "For development and applications of crystal devices to highly precise frequency control, and temperature and pressure instrumentation." Don is the sixth winner of this international award and joins a very impressive list of past recipients. Attending the luncheon were: HP President **BILL HEWLETT** (standing); **AL BAGLEY**, general manager of Santa Clara Division (right); **Don** (center); **LEE BODILY** of Santa Clara frequency standards; **JIM PRUETT**, Santa Clara crystal production; **JOHN HOYTE**, a former employee of HP who is now in business for himself; **LEN CUTLER**, director of Physical Research Lab of HP Laboratories; and all the members of Don's laboratory. The people at HP associated with Don would like to join in the congratulations to him for this international honor.

HP's Finest Soccer Team

Reporter: GILBERT HOM
(Team Captain)

Will Win Its Share—

One year has slipped by since the formation of the Hewlett-Packard soccer team. As the captain of the team, I am proud of the accomplishments it has made in this first year. It has been a difficult task getting together people from the various divisions of HP to participate in soccer, since it is one of the toughest sports in the world.

In the beginning we had approximately 60 individuals signed up who participated in the games according to where they lived. There are two teams from the Palo Alto area, one from Sunnyvale, and the other from San Jose.

Unfortunately, due to various reasons, the size of the teams has been reduced to half after six months. At present we have consolidated into one strong team to represent HP. We have competed with teams from Stanford Linear Accelerator, Stanford, Syntex, Fairchild, IBM, Gus Mozart, and Holt Tool and Die. Our won-lost record so far is about half and half.

With the second year under way, our goal is to enter the Industrial League with the hope of winning a trophy for HP. This year we are fortunate in having one of the best players, *Dave Clough* of HP Labs, as our player coach. With the help of the experienced ball-hawk, *Jurgen Hagglof*, we are conducting practice sessions every Wednesday after work at the Stanford soccer field. At the present time we are looking for additional talent to join the team in order for us to enter the league. Anyone who is interested please contact *Gil Hom* of Bldg. 1 Upper, Stanford plant, extension 3140, or *Dick Rands* of Bldg. 3 Lower, extension 3167.

Game Dates Back Nine Centuries—

Soccer is one of the oldest sports in the world. It started as early as 1050 in England and has been played since as the most well-known sport in the world except in the United States.

We have a lot of international talent at HP on our team. The people pictured on the soccer team are some of the finest assembled (there were some who couldn't come for the picture-taking).

I would like to take this opportunity to express my appreciation also to all the soccer players who have left the team for various reasons. My special thanks to *Dick Rands*, for his tremendous job of corresponding for the team, both inside and outside of HP.

HP Softball News

Reporter: TONY CANO

Exciting Games—

The Owls keep rolling along. At present the team's rating stands at three wins and no losses in Santa Clara and three and one in the Mountain View League.

On Monday, May 17, the Owls edged previously unbeaten Scuttlebutt Pizza 3-2 in a game that went right down to the wire. The Owls scored first on a run-scoring single by *Dave Werthman* in the third inning. Then in the fifth, with two men on and one out, the Scuttlebutt catcher made a wild throw to third trying to cut down the running *Chuck Beatty* after a single to right by *Jack King*. The bottom of the fifth saw Scuttlebutt bounce right back with a run after a walk, an error, and a sacrifice fly.

In the sixth inning *Rich Pabler* popped up to the infield and, to everyone's amazement, no one on the Scuttlebutt team wanted any part of it. Rich, with heads-up base running, ended up on third base and scored on a sacrifice fly by *Bob Akin*. The Owls went quietly in their half of the seventh. In the bottom of the seventh the first Scuttlebutt batter walked, went to second on a passed ball, and ended up on third, tagging up on an outfield out. Moments later he scored on a base hit to center. The next batter also singled to center and center fielder *Rich Pabler*, playing it safe all the way, kept the tying run on third by running the ball all the way back to the infield. The fifth Scuttlebutt batter struck out, and with runners on second and third and two out, Scuttlebutt's last chance fled out to right field, ending the contest with a much-needed win for the Owls.

As for the team's road games, the double-header scheduled for May with Soledad Prison was postponed because of the Cinco de Mayo celebration. The games were rescheduled for June 5, and as promised will be in an upcoming issue of *Watt's Current*.

We saw a few new faces at our last contest, and we're sure all enjoyed themselves. The team thanks these new friends and hopes to see many more through the remainder of the season. See you at the next game!



PICTURED ABOVE "Watt's Current" presents the HP softball team, "The Owls." Left to right, top row, members are: RICH PAHLER, DICK RUMMINGER, DAVE NAGY, CHUCK BEATTY, GARTH BECKSTROM, BOBBY AKIN and GREG SOLLERS. Bottom row: TONY CANO, JACK KING, PETE WYATT, CHARLIE BROWN and DAVE WERTHMAN. Players not in photo: PAUL RUNBERG, MAURICE KIRWIN, ROGER MALO-VINA, and BOB LOWERY.

SOCCER—ONE OF THE TOUGHEST SPORTS IN THE WORLD



MEMBERS of Hewlett-Packard's Soccer Team are, back row, left to right: DON GANGE, 7C; JEFF FORSMAN, 41; AL SOLIZ, 7C; LOUIS CORTEZ, 7C; DAVE CLOUGH (player-coach), 1U; GIL HOM (captain), 1U; RULF KASCH, unattach; front row: MIKE SPASEV, 3L; JURGEN HAGGLOF, 4L; PETER BEE, 7C; ED MONTERUBIO, 7C; DICK RANDS, 3L; DAG LUNDERYOLD, 41 and JACK KORDICH, 41. Others unavailable at the time the picture was taken are: DOUG OAKS, 4L; JIM LOGIE, 4L; PETER GRANT, 4L; JERGEN KAISER, 41; MIGUEL HERNANDEZ, 41; BOB CRAMER, 51; and LUDWIG BEIKEN, 3L.

HP Employees' Rod & Gun Club

By EBO CAVALLINI

Attention, Fellow Sportsmen!—

We're just starting another new and exciting year and by joining now you'll have a full year's activities. To name a few: back-pack trips, family outings, campouts, rifle range activities, hunter safety programs, fishing trips, house-boating trips, dinners, enjoyable meetings, door prizes, etc.

For more information and membership application blanks, please contact any of the following officers or directors:

Hans Sorensen, President, Bldg. 11 Upper
Bill Feeley, V.P. & Membership Chairman, Bldg. 51 Lower

Dennis Paul, Secretary, Bldg. 11 Lower
Joe Parks, Treasurer, Bldg. 32
Charlie Shields, Sergeant at Arms, Bldg. 50
Ralph Ebeler, Program Chairman, Bldg. 4A
Dale Long, Rangemaster, Bldg. 4 Lower
Hal Hampel, Bldg. 4 Lower
Ed Bauden, Bldg. 11 Upper
John Wolfington, Bldg. 11 Upper
John Grimaldi, Bldg. 41 Upper
Glenn Rabbun, Bldg. 4 Upper

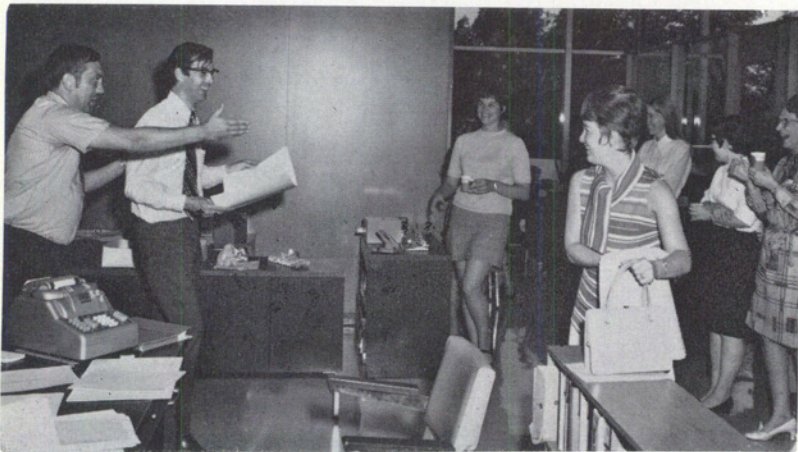


Photo by Carl Buchhass

BILL BECKMAN of 7G was given a heart-warming farewell by his friends of casting shop upon his transfer last month to ED MARSHALL's area in 2L. In above photo, Bill is shown accepting a few mementos of the occasion.

wescon

San Francisco, August 24-27, 1971



PICTURED ABOVE is JERRY CARLSON (left) as he presents OLIVIER MERMOD, new father of a baby boy, to the corporate Finance staff members. They are SUE CONNERLEY, LOIS MacLEOD (International group staff), BARBARA BRISENO, JOYCE AKIN, and ELAINE COOK. Olivier is shown holding a gift certificate for one month's diaper service, and a congratulatory card, made by WHITEY POLLOCK, depicting crossed U.S. and Swiss flags. Olivier is a Swiss citizen on loan from International, so the baby, Thierry Robert Francois, enjoys dual citizenship.

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