

SANDIA LAB NEWS



VOL. 19, NO. 23, NOVEMBER 17, 1967

SANDIA LABORATORIES

ALBUQUERQUE, NEW MEXICO
LIVERMORE, CALIFORNIA

OPERATED BY SANDIA CORPORATION FOR
THE U. S. ATOMIC ENERGY COMMISSION

Equal Employment Opportunity Action Program Is Successful

More than 8000 persons work at Sandia Laboratories. Under Sandia's Plan for Progress, each of them, regardless of race, religion, color, sex or national origin, has an equal opportunity for self development.

The Plan for Progress, an agreement between Sandia and President Johnson which was signed three years ago, pledges affirmative action by Sandia to ensure equality in employment opportunity.

When S. P. Schwartz, Sandia's president at the time, signed the Plan for Progress, he viewed it as a formal affirmation of Sandia's long-standing personnel policies. When he discussed the Plan at a special meeting of all Sandia supervisors, he pointed out that a formal program such as the Plan for Progress was more than a contract, more than a compliance with the law. It was right that Sandia pursue an aggressive policy to encourage the development of minority group members. John A. Hornbeck reaffirmed this policy when he succeeded Mr. Schwartz.

Sandia does not pretend to have developed and tested in the past three years panaceas for minority group problems. A review of the progress made to date, however, does show that Sandia has gone a long way in carrying out the spirit of the agreement.

To accomplish this, a dynamic two-pronged program has been pursued, directed by an ad hoc committee headed by R. B. Powell, vice president 3000. The first part of the program strengthens all internal Company personnel policies and practices. The second concentrates on activities outside the Company where Sandia's influence and the efforts of individual Sandians can be effective in helping solve the problems of minority groups.

Internal Program—Training

To help provide for skills needed at the

Laboratories while also providing an opportunity for employees to develop their capabilities, Sandia operates an extensive out-of-hours education program. These courses have been expanded over the past several years to give all employees an opportunity for self development.

Sandia has become a recognized leader in industrial training. Its program ranges from graduate level courses for engineers and scientists to remedial reading and elementary arithmetic.

Under its Educational Aids Program, Sandia pays part of the employees' tuition costs if they successfully complete job-related university courses. Several employees, including members of minority groups, have achieved more responsible positions at the Corporation after getting their degrees under EAP. To date, 126 employees have obtained at least one degree under this program.

Sandia's Joint Apprenticeships Program offers training in electronics and mechanics. To date, 64 employees have completed this four-year course.

Employees can earn the equivalent of a two-year technical institute education in either mechanics or electronics in an extensive out-of-hours training program.

Many employees have also increased their skills through in-hours courses designed to be of direct benefit in their immediate jobs.

These programs then essentially help the employee to develop his own capabilities and prepare him for more challenging assignments. But the road to self improvement is not easy. Sandia provides the opportunity—the employee in turn must

To All Employees,

Recently the attention of government, industry, labor, and community leaders throughout the Southwest was focused on the special problems facing the Americans of Spanish descent. The occasion was the Cabinet Committee Hearings on Mexican-American Affairs held in El Paso, Oct. 26-28. The Hearings were conducted by members of a Cabinet-level Inter-Agency Committee on Mexican-American Affairs, chaired by Vicente T. Ximenes, a former New Mexican educator and leader who is now an Equal Employment Opportunity Commissioner.

About 1000 persons attended this conference, including a number of Sandians—some as representatives of the Laboratory, others as representatives of the Spanish-speaking community.

During his keynote address Vice President Hubert Humphrey said, "A sense of national shame must grip this country when it sees any American citizen denied the chance to be a first-class citizen. Every problem is a challenge and every difficulty provides an opportunity . . ."

On the occasion of this significant conference, I believe it is timely to reaffirm the commitment of Sandia management to continue our aggressive equal employment opportunity program. We must strengthen further our long standing practices of equal opportunity in recruiting, hiring, assignment, rates of pay and opportunities for training and advancement without regard to race, religion, color, sex, or national origin.

J. A. Hornbeck
President

exert himself to take advantage of these opportunities.

It is the intent and practice to support to a reasonable extent each employee in developing his capabilities to contribute on the job. As his capabilities are expanded and the requirements of the Laboratories permit, we then seek to reassign him to a new position or to restructure his old position in order to capitalize on these increased capabilities. For each employee throughout the Laboratory a careful review of contributions and job performance is made yearly in order that each person may be paid a salary commensurate with his contribution. Occasionally, as the needs of the Laboratory dictate, one out of many employees is selected for promotion. In each selection, every effort is made to judge each candidate solely on the basis of his ability to perform in the new position.

Any employee can talk about his advancement possibilities and about the

availability of these training opportunities with his supervisor, with his personnel representative or with members of the training organization. Self improvement is the key to job opportunities.

Training efforts represent a large part of the affirmative action by Sandia in achieving its equal opportunity goals. Currently, there are 3366 enrollees in 117 out-of-hours courses. Another 286 Sandians are enrolled in the educational aids program.

Internal Program—Policies

To ensure that each employee would be evaluated on his merits alone, all Company policy statements were carefully examined to ensure compliance with the spirit of the Plan for Progress and with subsequent Presidential Executive Orders. When the phrase "without regard to race, religion, color, sex or national origin" was understood but not spelled out in the documents, it was specifically inserted for emphasis.

(Continued on Page Two)

At Recent Albuquerque Meeting

Sandia Board of Directors Reviews Progress of Labs



WESTERN ELECTRIC COMPANY President P. A. Gorman (left) and J. B. Fisk, President of Bell Telephone Laboratories, leave a luncheon meeting with Sandia's large staff to attend briefings in Bldg. 802.



DURING SANDIA BOARD OF DIRECTORS meeting here recently, (l to r) President John A. Hornbeck; H. I. Romnes, Chairman of the Board of AT&T; and L. Gutierrez, Director of Systems Development at Livermore, chatted about Mr. Gutierrez's presentation at the board meeting. Mr. Romnes, although not a member of Sandia's Board, attended the meeting and briefings on Sandia projects.



FORMER SANDIA PRESIDENT J. P. Molnar (left), now Executive Vice President of Bell Telephone Laboratories, leaves the Coronado Club luncheon with R. J. Hansen (4200), center, and D. S. Tarbox (3200).

Editorial Comment

New Mexico Makes 'Top Ten'

At the recent hearings in El Paso on the problems of Spanish-Americans, bumper stickers proclaiming that New Mexico was among the top 10 states in illiteracy and dropouts were passed out. The reason for passing them out was to solicit help in solving this problem. The author of this campaign stated that the information came from the Governor's Educational Research Committee and that most of the dropouts were Spanish-Americans.

What can be done to resolve this problem? Two members of the staff at Hayes Junior High in Albuquerque have taken one step. Tired of hearing teachers' complaints about problem students, they asked for and received a \$600 grant from the State Department of Education to set up a special course for some of these students. The course primarily attempts to teach citizenship and desirable social attitudes. It also hopes to show these students how they can improve their grades.

How effective has this course been? The founders are encouraged since all the students selected for this course are now in high school. Before taking the course, all had either very low or failing grades. In some cases there were dramatic improvements in both behavior and grades.

And this was done at the cost of \$600. Support for these promising endeavors is needed.

Continued from Page One

Sandia's EEO Program Successful

In addition to the special Plan for Progress supervisory meeting, subsequent supervisory training programs have included discussions on EEO policies.

Specific instructions, issued to Sandia personnel representatives, include this section: "Protect employees from discrimination due to race, creed, color, sex, age, national origin or ancestry by assuring compliance with the Civil Rights laws, Presidential directives and Company policies. In addition, promote Sandia's Plan for Progress in the selection and movement of personnel."

An awareness of and concern for EEO objectives permeate all personnel actions.

Recruiting

Part of the affirmative action of the Plan for Progress includes seeking out qualified minority-group members and encouraging them to qualify for employment available at Sandia and in the community.

Expanded recruiting efforts have been made at colleges, universities and technical institutes in the Southwest to locate qualified candidates, including those of Spanish and Indian heritage. Expanded recruiting efforts are also aimed at predominately Negro colleges such as Howard, Morgan State, Hampton Institute and Virginia State. Sandia is presently working with the College Placement Council to improve the Placement Office functions on Negro campuses so that their graduates can be given the very guidance and opportunity to explore positions available to them.

In line with its affirmative action program, Sandia regularly contacts agencies that have been primarily established to assist the underprivileged. Specifications for typical entry-level jobs here have been sent to the Bureau of Indian Affairs, men's and women's Job Corps Centers, SER (an agency for placement of Spanish-Americans), Barelax Opportunity Center, the Welfare Department and others.

Summer Program

In reaching out to the community, Sandia welcomed President Johnson's Youth Opportunity Campaign. For three summers now, Sandia has provided summer employment for 100 or more academically proficient and economically disadvantaged students, and the money they have earned has often made the difference between returning to school or dropping out. These students did useful work at the Laboratories and, equally important, learned the necessity for obtaining an education for a good job in modern industry. Some future engineers, scientists, technicians, administrators and secretaries will be better qualified to obtain desirable employment as a result of their summer work at Sandia.

Sandia also brings a group of educators to the Laboratory each summer to do staff work in technical areas. When these teachers return to their classrooms, they can discuss from first-hand knowledge the technical requirements of today's research and development laboratories.

Bold New Experiment

Sandia's Plan for Progress efforts have extended beyond the Laboratories. The idea of personal growth, of obtaining the qualifications for employment, has been the Sandia message to community groups active in the equal opportunity cause.

In an approach to the problem, Sandia has joined with 16 local firms in setting up an experimental training program. Here, women, primarily those who are county welfare cases or from economically depressed northern New Mexico counties, are given additional training to qualify them for jobs in industry.

One class of 12 women has completed the training. All have found local jobs, some at Sandia. A second class of 23 women has just started.

This experiment marks a bold effort of responsible industry in Albuquerque to solve complex community and individual problems.

Urge Technical Education Programs

Sandia has long advocated more vocational training institutions in the state. M. A. McCutchan (3132) continues to take a leading role in identifying industrial demands, educational needs and community resources throughout the state. Sandians assisted in the establishment of the Bernalillo County Technical Vocational Institute, a vocational program at the Northern New Mexico School at El Rito, and development of vocational science programs at Highlands University, Eastern New Mexico University, Western New Mexico University and New Mexico State University. Prior to 1960, programs for developing qualified technicians were not

available in New Mexico.

Continuing Community Efforts

Sandians have important roles in such organizations as the Albuquerque Human Resources Council. W. G. Funk, manager of Employment Department 3250, is chairman. This organization of employers promotes non-discriminatory principles and practices of hiring, training, promoting, and compensating employees on individual merit. Mr. Funk is also a member of the national Plans for Progress national conference planning committee, and will be Sandia's representative at the annual conference in Washington, D.C., in January.

Sandia also pursues a vigorous campaign for equal opportunity in its role as one of the largest contractors in New Mexico. Contracts issued by Sandia Purchasing Organization include a clause that suppliers should not discriminate against individuals because of their race, color, creed or national origin.

Sandia has taken an active role in such programs as the Vocational Guidance Institute at UNM. At this institute, high school counselors learn of the skills needed by industry and the educational preparation required. This knowledge is part of the background needed to encourage youngsters to continue their education in order to qualify for better jobs.

Under the Vice President's Task Force on Youth Motivation, outstanding Sandians, including members of minority groups, have spoken to student groups throughout the country on the idea that education and training are available and are the keys to more economic opportunity. This effort will continue with more Sandians participating.

Sandians have worked with school administrators, talked with students, and addressed neighborhood groups involved in the War on Poverty. They emphasize the need for education and preparation when seeking employment with modern industry.

Sandia cooperates with the Manpower Development Program, State Vocational Education organization and the Bernalillo County Technical-Vocational Institute. The Laboratory provides speakers and assistance to any community group involved in the area of economic opportunity and youth motivation.

By reason of its contract with the Government, Sandia's primary mission is the research and development of nuclear weapons. Obviously, this mission is closely connected with the common defense and security of this country and depends to a very considerable extent on Sandia employing highly qualified scientists and engineers, many of whom are among the most distinguished in their fields. Thus, to meet these requirements, Sandia of necessity, has a policy or recognizing qualifications, ability and merit in all its employees and applicants for employment and of providing them equal employment opportunities without regard to their race, color, religion, sex, or national origin.

Sandia will continue its efforts to ensure that all its employees are given an equal opportunity for development and advancement. It will continue to encourage its employees to take an active part in resolving the problems of the underprivileged. For if these problems are to be solved, the good will and cooperation of all citizens will be required.

The job must be done. Not because it is the law but because it is right.



THERE ARE CLOCKS in every corner of the Ken Bell home. Mrs. Bell is holding a Fashion clock which contains a perpetual calendar. On the left are French mantel clocks.

Finding Clock Key in Cow Pasture Is Start of Old Clock Collection

When you have 46 clocks in the house, how do you know which one is accurate? If you're Ken Bell (7343), you check the clock in the refrigerator door and ignore the rest.

The time pieces in the Bell collection range from a simple mechanical noiseless device of unknown origin to a 176-year-old English-made grandfather's clock. The latter scrapes the ceiling of the living room.

Kent and his wife Sal became interested in clocks when Sal found a clock key in a Texas cow pasture. By coincidence, in the nearest village they found a clock that the key fit. Their attraction to clocks and subsequent knowledge of their history have also led the couple into collecting other antiques.

Their "finds" come from antique shops, garage sales, friends' attics, everywhere. "The springs have been broken on a few and some have been 'out of beat,' but generally all have been in working condition," Ken says. He has learned to do minor re-

pairs and to refinish wooden cases when necessary.

Fashion clocks are the hottest items among collectors at the present time. The name denotes the type of case: the clock face is in the upper half and a calendar is in the bottom window. The works were manufactured by a number of different companies. One of the Fashion clocks in the Bells' collection has a perpetual calendar that even allows for leap year; another dates back to 1830 and has wooden works.

The most prized items in their collection are two French mantel clocks, both of which have won top awards in the antique clock category at the New Mexico State Fair. One has run 14 days on a single winding.

The Bells also have steeple clocks with pitched roofs, clocks with cast iron cases finished to resemble wood, schoolhouse or octagonal clocks, a banjo clock, and a couple of cuckoo clocks guaranteed to break up any conversation.

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Key to Successful Retirement

Do people really like retirement? Do they really keep busy? What about their standard of living after retirement? These and other questions were asked of Sandia retirees at a recent luncheon meeting at Castlewood Country Club. Here are their answers.



Theodore (Ted) J. Saselli
2525 Fairgrounds Drive, #18,
Vallejo, Cal. 94590

"Retirement is wonderful! We planned for it and are enjoying it."
"I took early retirement in March 1964. At first I did a few jobs because people asked me to—like setting up a 21-unit mobile home park which I later managed for a year. We now live in that park. Later on I figured that people couldn't call me to go to work if I wasn't at home, so now I travel."

"Retirement gives us real freedom to go anywhere we want at any time. My wife and I recently flew to London (over the Polar Route) and visited the major cities of Germany, Switzerland, Italy and the Netherlands. We came back to the United States by ship. This winter when it begins to get cold and rainy in Vallejo we plan to drive our camper to Death Valley National Monument for a short stay. Then we'll go on to Phoenix and Tucson, Ariz. As soon as the weather improves in Vallejo, we'll come back. No hurry."

"If I had to go through retirement again, I'd do things about the same as I did. Early planning is the key. Some people wait until age 64 to plan, but we were thinking about it for years. We have the things we need, so we don't buy much anymore. No payments on a house, either."

"People who rely on Social Security alone must have it pretty rough. Cost of living could eat that up in a hurry. Inflation concerns me a lot because our income is fixed—you get only so much money and that's it. Increasing your income means going back to work, and I retired to avoid that."



Mary Agnes Van Brocklin
3956 East Ave., Apt. 2,
Livermore, Cal. 94550

"I've really enjoyed every minute since I retired a year ago last March, and I feel just wonderful."

"I've kept pretty busy. I did quite a bit of church work. Then I went home to New York. In February we left for Florida and stayed in St. Petersburg until after Easter."

"In June I came back to California all excited with plans to return to New York permanently. So, I packed and tried to give this away and that away, but finally decided I just wasn't ready to leave—here I still am!"

"I think the only things I'd do differently if I had it to do over, would be to say I was 10 years younger so I could stay on at Sandia longer. I'd still like to work; I loved it out there. It was the best job I ever had, and I never before worked with such nice people, really."

"Don't get me wrong, though; I'm as happy as a lark! But I guess it's just my natural disposition or attitude, and as I say, Livermore is like a home to me. I know I didn't feel that way when I first came. The first year was tough, but then I got to know more people. When I bought a car and learned how to drive, that made all the difference in the world."

"My standard of living has not changed too much, but I know for one thing that everything is more expensive. My rent in Livermore has gone up twice since I've retired. Some people say it's too expensive for me to live in California, which it is. When I was back in New York, however, I checked and found that rent costs were just as high, but in New York you have additional heating and all those heavier clothes to buy."



Roy and Virginia Smeltzer
2749 Kelly St., Livermore, Cal. 94550

"We enjoy retirement more now than we did in the beginning," relates Virginia.

"Of course, Roy and I took early retirement at different times. Roy retired over three years ago; whereas, I have been at home a little over two years."

"At first, we found the days long with nothing special to do except the gardening. We still don't do anything in particular once the daily yard work is done. But we don't have any giant problems either."

"Gardening is our major interest at present," remarks Roy. "We have over 60 rose bushes to tend—all of them of a patented variety. Recently we've been working with

fuchsias, too. So I guess we just can't get away from this gardening."

"Would I do anything differently if I had to retire again?" muses Roy.

"Yes. I'd like to have the house all clear. And I might have waited a little before we started the yard. This would have given us time to do some traveling. As it is, we aren't free to go anyplace because we don't trust the care of the yard to just anyone."

"Retirement really hasn't changed our standard of living, though," adds Virginia. "We like Livermore, too. It's close to our son who lives in San Jose."

LIVERMORE NEWS

Area 8 Test Assembly Buildings Completed

Two buildings recently completed in Livermore Laboratory's Area 8 will be used by Environmental Test Division I 8128.

Building 967 will be used for the cleaning and assembling of items scheduled for test in the pressure testing facility. Of cement block construction, the \$37,000 structure contains a clean booth and ultrasonic cleaning equipment plus the tools and parts necessary to prepare components for tests.

Building 977 is a prefabricated steel structure which will be used for the assembly of test pieces and for the storage of special jigs, fixtures and instrumentation required for tests on drop tables, vibration machines and the centrifuge. This building cost \$30,000 to construct.

Project engineer for both buildings was W. E. Thompson (8251).



FAVORITE "Shoes to set my feet a dancin'" are displayed by secretary Ann Erickson (8132) as she plans for the annual Sandia Christmas Dance to be held Dec. 15 at Castlewood Country Club.

Annual Christmas Dance Dec. 15 at Castlewood

Tickets are now on sale for Sandia's annual Christmas Dance to be held in the Garden Room of the Castlewood Country Club, Friday, Dec. 15. The affair is open to all Sandia and LRL employees and their guests.

Dancing to the music of Maury Wolohan and his orchestra begins at 9 p.m. and continues until 1 a.m. Breakfast will be served at midnight.

Tickets are \$4.25 per person through Dec. 11. On Dec. 12 and thereafter, the price will increase to \$4.50 per person. Tickets are available from Dorothy Wiemken in Employee Services, Bldg. 911; Doris Guntrum, Rm. 117, Bldg. 912; Helen Bond, Rm. 139, Bldg. 912; Holly Williams, Rm. 254, Bldg. 912; Susan Winchester, Rm. 285, Bldg. 912; Vivian Lenz, Rm. 114, Bldg. 913; Pat Tarp, Rm. 116, Bldg. 914; and Karen Yung, Rm. 151, Bldg. 916.

Take Note

G. L. Rhodes, supervisor of Safety Engineering Division 8255, served as moderator at the Highway Accident Prevention General Session of the 11th Annual Western Industrial Health Conference held in San Francisco Sept. 28-30. Professional personnel from all fields related to industrial health are invited to the yearly conference.

J. P. Chan of Materials Application Division I 8141 conducted a seminar on "New Designs of Adiabatic Calorimeter" recently for the Metallurgy Department of the University of California at Berkeley.

H. L. Brumfield of Materials Application Division II 8142 and A. J. Elliott of Project Engineering Division 8154 collaborated on the presentation of the second of a series of lecture-discussions at Livermore Laboratory on Modern Manufacturing Processes. Topic for the session was "Foam Processing."

The series is designed to help SCLL engineers keep up-to-date on the properties and uses of modern materials and the capabilities and limitations of modern manufacturing processes.

Congratulations

Mr. and Mrs. Al Bastion (8223), a daughter, Gina Marie, Oct. 27.
Mr. and Mrs. Greg Jones (8252), a daughter, Nicole Jean, Nov. 1.

Sympathy

To Pat Carothers (8253) for the death of her sister in Castro Valley, Oct. 28.

To Miriam Hall (8215) for the death of her father-in-law in Livermore, Oct. 18.

To Ernestine Mikles (8253) for the death of her mother-in-law in Linsey, Cal., Oct. 28.

To Esther Rickert (8245) for the death of her father-in-law in Nebraska, Oct. 25.

To Celso Vazquez (8245) for the death of his father-in-law in Castro Valley, Oct. 23.



Stan M. Krell

165 Blossom Hill Road, Space 171,
San Jose, Cal.

"I retired in March 1964 at Albuquerque, and I am very happy about the whole situation. I'm particularly thankful I joined Sandia when I did because it has made possible a retirement my wife and I couldn't have had under my prior position."

"If I had it to do over, I don't believe I would have planned much differently. We're living in a mobile home park where there is a beautiful club house with all sorts of social activities and recreation provided. I also have a number of other interests that keep me busy. I brought my shop tools and other equipment with me when we moved to San Jose from Albuquerque and have them in my son's garage."

"We chose the San Jose area because of family connections. Our son works for Lockheed and he and his family live in nearby Saratoga, and the daughter's family lives up in Seattle. It's easier for us to get back and forth from San Jose than it is from Albuquerque."

"I think I would prefer to live in Albuquerque because to me the climate seems a little better there. But this is a lovely area, very beautiful. You're close to everything here and something is going on all the time. There is a lot of social activity in the park—just like a club. You don't have to participate if you don't feel inclined. We play quite a lot of cribbage, pool, shuffle board and cards, and there is other entertainment available."

"As I mentioned, the key to my successful retirement was Sandia employment. I can't say enough for that because I'm sold on Sandia. Social Security plus my Sandia retirement gives us two checks each month. Where I was before, we had only Social Security and that wouldn't be sufficient for a decent retirement."

"Our living standard seems to be about the same. Of course we have more spare time and do a little more running around than we did before, but we are limited. A retirement income just isn't like a salary, but we are getting along very nicely."

The meeting — arranged by Training, Benefits, and Records Division 8214 — featured talks by Gene Williams, chief of the Hayward Branch Office of the Social Security Administration, and Mrs. Gladys Worthington, planning consultant for the Bay Area Social Planning Council. The speakers explained proposed Social Security legislation and low-income housing developments in the Bay Area.

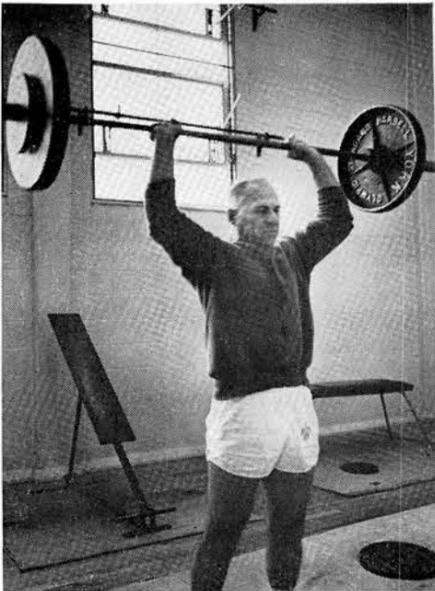


OVER THE TOP—Recent volleyball game in the base gym was the scene of spirited action. The players are (l to r) H. M. Willis (3130), W. L. Martin (3232), Capt. F. E. Lebow (USAF), J. Shunny (3411), G. E. McCorkle (1122) and C. H. Williams (1134).



BREATHING DEEPLY as they run around the track by the base gym are Bob Roberts (1341) and Russ Hall (3234). About 10 Sandians work out on the track daily during the lunch hour. Russ runs five miles three times a week.

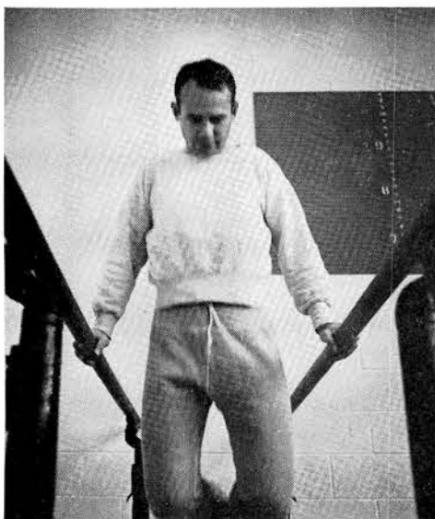
Employees Use Base Gym, Pool to Keep Physically Fit



UP GO THE BARBELLS as Les Baumann (3242) approaches a military press with 155 pounds. Following a regular weight-lifting routine, Les works out in the gym weight room three days a week.



DURING LUNCH HOUR, C. E. Abraham, left, and J. D. Hankins (both 5264) play tennis every other workday.



AFTER JOGGING around the track, Ron Syler (9215) works out on the parallel bars at Stoneburner Field House. Ron runs at least a mile every workday and then does calisthenics for 10 or 15 minutes.



INDOOR POOL is used by Lillian Hayes (3232) for a 20-minute swim once or twice each week. About 20 Sandians swim in the Olympic-size pool three days a week.

Stoneburner Field House and the adjacent indoor Olympic-size swimming pool are sites for varied and often strenuous physical fitness activities of about 65 Lab employees during the lunch hour.

Many Sandians are using the handball, squash, volleyball and basketball courts in the base gym as part of their personal physical fitness program. Others are also working out in the well-equipped weight-lifting and gymnastics rooms.

The indoor swimming pool, which is open to Sandians during the lunch hour from Wednesday through Friday, is used by some 20 Sandians, including five women. Most of them swim for 10 to 20 minutes on the specified days.

Outdoor activities near the gym include track and tennis.

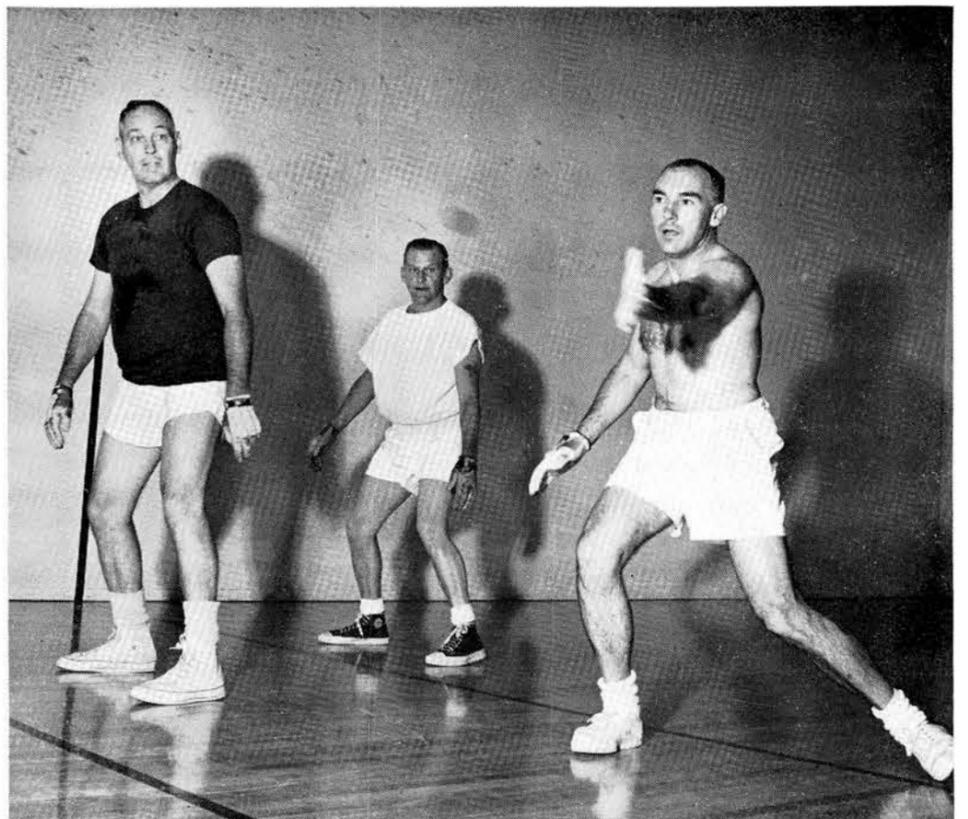
Sandians using the base facilities to

“keep in shape” appreciate the hospitality of the military personnel. At least two Lab employees have been working out at the gym almost every day for about six years. Others use the facilities two or three times a week.

Under the present policy, Sandians may use, but not reserve, the various courts on a space available basis. They must either furnish their own equipment or check out available equipment through Employee Services Division 3126 (Bldg. 610).

Dressing room and shower facilities may be used by Sandians, but not the lockers. Employees are not permitted to bring guests.

The excellent facilities provide employees with an opportunity of developing their own physical fitness program.



FOLLOWING THE HANDBALL during a recent lunch-hour game at the base gym are (l to r) Walt Troy (3234), Lt. Ray Razak (USN) and John McKiernan (9331).

Service Awards

20 Years



Gertrude Byrne
3232



S. J. Embry
2552



L. W. Schulz
1324



K. J. Urquhart
1431

15 Years



M. W. Alexander
4224



E. B. Anderson
5141



L. G. Anderson
1525



J. E. Aragon
3242



L. W. Carl
4254



Myrtle Davis
4234



K. R. Edwards
7336



Hildegard Fink
2234



J. R. Garcia
3230



Cloy B. Knock
2234



R. L. Maxwell
1314



N. J. Pollard
1433



J. J. Simpson
2225



S. R. Toledo
2555



Edith Worley
3462

10 Years

Nov. 17-30

P. V. Davis 4113, G. V. Bjork 8253, W. T. Huntsman 3243, N. B. Gholson 9413, J. P. Trodden 1434, R. C. Gonzales 7323, L. S. Ostrander, Jr. 8233, Velma A. Metheny 4574, J. C. Cannon 7341, L. E. Wilhelm 9411, and S. J. Abeyta 4233.

Sandians Coach Winning Young American League Football Champions

When the Packers won the heavyweight championship in the city's Young America Football League last weekend, coaches Cliff Kinabrew (7122) and Tony Lopez (4212) knew more than the satisfaction of winning. They were instrumental in forming the league which involves more than 600 youngsters and 24 teams. It was a successful season for the organizers.

The Packers defeated the Bears 6-0 for the championship crown. The team completed the season with a five won, one lost, and one tied record.

In the middleweight division, Ted Varoz (3242) helped coach the winning Browns. They defeated the Steelers 18-6.

The Dolphins captured the lightweight division, defeating the Vikings 13-6.

A number of Sandians were active in the league. Along with Cliff and Tony, they are preparing for next season. Anyone interested in helping with league activities is invited to contact Cliff, tel. 299-1135.

Speakers

R. E. Gardner (9324), "Project Twinkle," Conference on Unguided Rocket Ballistics Meteorology, Oct. 31-Nov. 1, Las Cruces, N.M.

G. G. Wilson (9324), "A Technique for Predicting Nonlinear Wind Compensation of Ballistic Rocket Systems," Conference on Unguided Rocket Ballistics Meteorology, Oct. 31-Nov. 1, Las Cruces, N.M.

H. G. Laursen (7123), "Balloon Operations on Operation Roller Coaster," Tethered Balloon Technology, Oct. 17-18, Bedford, Mass.

A. Y. Pope (9300), "Some Overseas Scientific Operations," El Centro and Mexicali Chapters of the International Society of Engineers and Architects, Nov. 8, Mexicali, Mexico; "Terradynamics," N. M. Chapter, American Institute of Mining Engineers, Nov. 18, Grants.

F. R. Tuler (1141), "Wave Propagation in Solids and Dynamic Fracture and Spallation," University of Illinois Department of Theoretical and Applied Mechanics, Nov. 6, Champaign.

Retirees



years.

Geno's retirement plans are indefinite; he is recovering from injuries suffered in an automobile accident earlier this year. When he regains his health, he plans to develop some acreage he owns in Pajarito and build a new home.

Mr. and Mrs. Montano live at 2448 De Vita Rd. SW. They have four children, all living in Albuquerque.



with the engineering control group.

Mr. and Mrs. Murray have two daughters who "adopted" them as parents. The girls were students at a private school for orphans where Mrs. Murray was teaching. Both girls went on to college, married, "and now," Mr. Murray says, "we have 11 grandchildren.

"I'm taking retirement now," Mr. Murray says, "to give my wife and myself some extra years together. We have many hobbies, mainly block printing on fabric and wood carving. We'll do some traveling, and there are many books to be read, and lots of music to be heard."

Eugenio (Geno) C. Montano, a special handler in Material Handling Section 4614-2, retired Oct. 15 after 17 years at the Laboratory. He joined Sandia in October 1950 as a laborer and has been in his present job for about seven

Robert R. Murray of Engineering Control Division 1415, will retire Nov. 30. He came to Sandia in February 1952 as a design draftsman. From 1956-60, he worked in test equipment engineering. Since 1960, Mr. Murray has been

Mr. and Mrs. Murray have two daughters who "adopted" them as parents. The girls were students at a private school for orphans where Mrs. Murray was teaching. Both girls went on to college, married, "and now," Mr. Murray says, "we have 11 grandchildren.

"I'm taking retirement now," Mr. Murray says, "to give my wife and myself some extra years together. We have many hobbies, mainly block printing on fabric and wood carving. We'll do some traveling, and there are many books to be read, and lots of music to be heard."

Authors

L. R. Rollstin (9324), J. D. Iversen (Sandia consultant) and F. R. Bailey, Iowa State University, "Sonic-Point Convergence with the Method of Integral Relations," October issue, AIAA JOURNAL.

A. D. Swain (2152), "Some Limitations in Using the Simple Multiplicative Model in Behavior Quantification," May 1967, pg. 17-31, SYMPOSIUM ON RELIABILITY OF HUMAN PERFORMANCE IN WORK.

C. J. McGarr (4600), "The Mature Supervisor," September-October issue, SYSTEMS AND PROCEDURES JOURNAL.

M. J. Forrestal (5636), "Buckling of Soil-Surrounded Tubes," September issue, JOURNAL OF THE SOIL MECHANICS AND FOUNDATIONS DIVISIONS, Proceedings of the American Society of Civil Engineers.

R. D. Shank (2522), "Information Retrieval of Supplier Evaluation Data," November-December issue, SYSTEMS AND PROCEDURES JOURNAL.

Medical Program Detects Seven New Diabetes Cases

During the first three months of Sandia's new Diabetes Detection Program, seven previously unknown cases were discovered.

Dr. S. P. Bliss, Medical Director 3300, says, "We feel we might have discovered additional cases of diabetes if every employee scheduled for the test during that period of time had participated in the program." Participation in the program is voluntary.

Each month, notices are sent to different groups of employees. If the employee would like to be tested, he is asked to fill in a questionnaire and take it to the nearest Company medical station at the earliest convenient time.

At the medical station, the nurse will draw a small amount of blood from the employee's finger and allow the sample to dry on a special dextrose stick. In about a minute, the nurse can determine the amount of sugar in the blood. Persons having blood-sugar levels higher than normal are referred to Medical Bldg. 831 for a more precise blood-sugar reading.

From Aug. 1-Oct. 31, 1140 persons were tested by the Medical organization. This represented 44 percent of employees sent notices during this period plus others given the diabetes test in connection with other physical examinations.

Medical authorities stress that early detection of diabetes is important for the immediate improvement of health and for the prevention of permanent damage such as impaired vision, premature hardening of the arteries, coronary disease and the complications of infections.

Symptoms of diabetes may be so vague that only a blood-sugar test can detect the presence of this disease.

Welcome . . . Newcomers

Oct. 27 - Nov. 10

Albuquerque	
John J. Dishuck	1544
*Dermot Kelleher	5221
Jose A. Lopez	4574
**John R. Neighbours	5151
Colorado	
Michael A. Parsont, Fort Collins	9315
Illinois	
Daniel P. Aeschliman, Evanston	9321
Maryland	
Jay L. Chamberlain, Rockville	2411
New Mexico	
Fredrick A. Bailey, Los Alamos	5224
New York	
Nelson S. Gillis, New York	5155
Pennsylvania	
Donald S. Mason, Newton Square	1142

* Denotes rehired

** Denotes temporary rehired

Congratulations

Mr. and Mrs. Alvin L. Brazda (7231), an adopted son, Michael Lawrence, born Sept. 30.

Mr. and Mrs. Ralph Stewart (on educational leave of absence), a son, Jeffrey Alan, Oct. 27, Westmont, Ill.

Mr. and Mrs. Johnny Sinneros (4151) a son, James Leo, Nov. 10.

SHOPPING CENTER

CLASSIFIED ADVERTISING
Deadline: Friday noon prior to week of publication unless changed by holiday. A maximum of 125 ads will be accepted for each issue.

RULES

1. Limit: 20 words
2. One ad per issue per person
3. Must be submitted in writing
4. Use home telephone numbers
5. For Sandia Corporation and AEC employees only
6. No commercial ads, please
7. Include name and organization
8. Housing listed here for rent or sale is available for occupancy without regard to race, creed, color, or national origin.

FOR SALE

REAL ESTATE

- 9.275 ACRES, Pecos Country, terms, title insurance. Schwarz, 256-0416.
- UNUSUAL exposed beams, flagstone FR, lg. recreation rm., 3-bdr., 1 1/2 baths, extras, Zia Fatima schools. Hill, 268-1420.
- ASSUME MORTGAGE, 4-bdr., 1 1/2 baths, Bosque Park, 1 acre, fenced, \$23,500, \$158 payments. Downs, 296-4710.
- 320 ACRES, mostly wooded, near Las Vegas, N.M., title insurance, \$15/acre. Steck, 299-2313.
- 3-BDR. HOUSE & den, 2 garages, near Base. Geilenfeldt, 265-0294 evenings.
- MOUNTAIN ACREAGE 12 miles from town; also some on North 10 one mile from 66. Hoagland, 282-3825.

CARS & TRUCKS

- '60 CHEVROLET station wagon, V8, ST. \$475. Bentz, 299-3448.
- '63 CORVAIR MONZA 4-dr., 4-spd., bucket seats, R&H, padded dash, w/w, \$700. McCabe, 255-6872.
- '63 LINCOLN Continental sedan w/all acces. including AC; engine just completely rebuilt, \$1500. Hueter, 242-1620.

CHEV. 1/2-ton pickup, 6-cyl., 4-spd., new clutch & generator, \$295. Treon, 298-1066.

'65 FORD Galaxie 500, 4-dr. sedan, V8, regular tires, PS, AT, R&H, factory air, 20,000 miles. Goddard, 299-6844.

'64 MONZA Sports Coupe, auto., R&H, new tires, \$850; '61 Falcon Ranchero, \$300. Ryan, 299-3318.

'59 CHEV. Impala 4-dr., R&H, AT, PS, new battery; '49 1/2-ton Dodge panel truck, 45,000 miles, 6-ply tires. Chivas, 299-1290.

'55 MERCURY Monterey, AT, PB, R&H, working order, \$75. Halsz, 299-0307.

'61 CHEVROLET V8, ST, R&H, \$550. Johnson, 255-2846 after 5:30.

'62 CADILLAC Park Avenue, 53,000 miles, full power, \$1495; '26 Chevrolet sedan delivery, wood'n wheels, new tires, \$550. Levesque, 299-1215.

MISCELLANEOUS

WEBCOR tape recorder, \$40; 9" channel iron, 5c/lb. Houghton, 299-3386.

STANDARD SIZE Vigorelli zigzag sewing machine, \$40; painted maple dbl. bed frame, \$7.50; sofa & matching chair, \$12.50. Smith, 299-9187.

MINIATURE POODLE puppies, 6 wks. old, AKC reg., black or chocolate brown. Chavez, 255-8377 after 3.

FREE: puppies to good home, male & female, mostly black, small mixed breed, 8 wks. old. Baldwin, 877-2901.

UTILITY TRAILER, 2-wheel, 4'x6', \$35. Sisneros, 344-3864.

TRAMPOLINE, child's size, 75 pounds recommended weight limit, 4'x8' canvas mat, \$15. Maxwell, 299-2027.

HUNTING BOOTS, new, worn once, bought at Cook's, 6" tops, size 10 1/2, width, \$12.50. Buck, 265-4863.

ALTO SAX, \$90. Jeys, 299-4197.

GE washing machine, turquoise, Filter Flo, \$25; Beryk, 9313 Marron Circle, NE. Apt. A, 299-9171.

ADJUSTABLE fireplace screen, brass, top measures 38", \$5. Miller, 282-3189 after 6.

SIMMONS Hide-a-bed, rose color, best offer. Mason, 298-4623.

.357 S&W mannum, fired less than 50 rounds, \$100. Kingsley, 299-1226.

COMPACT, insulated pickup camper, fits Ranchero, Jeep, Datsun, \$300, or best offer. Hart, 235 Virginia NE after 5.

ELECTRIC GUITAR, Epiphone, vibrator, original price \$365, sell for \$250. Lumpkin, 299-9179.

BOY'S 20" bicycle, \$10; child's tricycle, \$3; stroller, \$5. Coughenour, 296-4146.

PIANO, Muscette console, w/bench, \$350. Hughes, Rueb, 299-4805.

HUSKY-SHEPHERD cross pups, 3 males, 3 females, 9 wks. old. Harling, 243-3314.

SPEED QUEEN wringer washer, stainless steel tub, 2 yrs. old, best offer. Chaffin, 296-5139.

SELL OR TRADE: 17 & 19" portable TVs; clarinet; trombone; steel guitar w/amplifier; portable ironer/presser; vacuum cleaner. West, 299-6595.

TIRE CHAINS, new, fits 9-50x14, 8-20x15; 185-400, \$8. Gragg, 298-0267.

'66 SUZUKI 150cc, elect. & manual starter, luggage rack, windshield, extra parts, \$275. Ganzler, 296-1211.

AKC reg. Beagle, male tri-color, 1 1/2 yrs. old, from Panbone Kennel, So. New Jersey. Miglionico, 296-1812.

PORT-A-CRIB & mattress, \$5; infant seat, \$1; stroller, \$5; potty chair, \$1. Farley, 298-0208.

GIRL'S 26" stnd. bicycle w/thornproof tube, \$12. Rueb, 299-4805.

40 POWER Terrestrial telescope, coated optics w/tripod, \$10. Jackson, 296-1307.

'61 CESSNA 172 1600TT 450 SMOH, full panel, new KX150B, \$6750. Goettsche, 298-0902.

FLOOR FURNACE, 50,000 BTU, \$25; aluminum storm & screen door, \$7.50; mahogany sliding closet doors, \$7.50. Schuster, 256-0029.

GO-KART; carpet; chairs; toys, etc. Chandler, 296-3323.

BABY CRIB w/mattress, hardwood, \$20. Riedel, 344-5652.

TWO shetland ponies, choice \$80, both \$150. De-Ruyter, 299-0396.

BABY DRESSER, \$15. Chemistruck, 299-7563.

BOOKCASE headboard bed, dbl. dresser, mirror, cherry wood, \$35; maple bookcase, \$15; maple coffee table, \$5; chest of drawers, \$15. Matlack, 256-7371.

DOOR, 36"x80", mahogany painted white, \$7; misc. baby furniture; bassinets, jumper chair, walker. Payne, 299-5966.

REGISTERED Hereford bulls. Servis, Valencia, N.M., 865-7629.

HIDE-A-BED, cinnamon red leatherette, \$50. Pickel, 298-6046.

TOY POODLES, silver, 2 1/2 mos., AKC reg., very small male & female. Shipley, 298-2433.

FREE: 2 puppies, 7 wks. old, will be medium size dogs, both male, one white, one multi-colored. Barton, 255-4765.

ENGINE PARTS for '63 Renault Caravelle or R-8. Erdman, 298-3097.

STEREO tape recorder, Voice of Music, extension amplifier & mike included, 4 track, \$75. Jones, 344-4870.

BERKLINE reclining chair, cream colored naugahyde, cost \$129.50, sell for \$50. Geibel, 299-0275 after 6.

BED, Hollywood w/padded headboard, used 5 mos., \$35. Bartlett, 299-4861.

BUNNY clarinet, case & music stand, \$25; upright white piano, \$85; small desk, \$5; studio couch & cover, \$10. Messer, 298-8292 after 5:30.

NAVY UNIFORMS; York practice bow; light meter; golf cart; canteen; baby scales, sterilizer; loomed needle-point dining room chair covers. Stuart, 265-7315.

CLASSICAL GUITAR, Pimstel, w/case, new \$250, sell \$175; women's ski boots & skis, \$15 ea. Atkins, 256-6304.

LIVING ROOM suite, 3-piece sectional, brown, \$40. Padilla, 2721 Charleston NE, 299-0460.

20" BICYCLE w/training wheels, \$12; 5-gal. LP gas tank w/bracket for camper or trailer, \$9. Driver, 299-2063.

DISHWASHER, GE portable, \$60; Magic Chef, gas range, 30" oven & timer, \$50; kitchen corner booth, pink plastic, \$10. Skelton, 268-7759.

BICYCLE, English type, Royce-Union ladies 3-spd., \$20; ping-pong table, folding type, \$20. Sinnott, 299-1300.

7 HP Wisconsin engine, 1" horizontal shaft, \$45. Cave, 299-5056.

FOR RENT

2-PDR. HOUSE, ln. carport-porch combined, utility-wash rm. w/heat. Askren, 282-3635.

EFFICIENCY apt., furnished, utilities paid, 1311 1/2 Truman SE, \$50 mo. Balfour, 265-4677 after 5.

WANTED

UNICYCLE, 16", Postenrieder, 299-8388.

GIRL'S BIKE, 24". Swain, 265-0098.

WOOD LATHE, inexpensive. O'Nan, 299-0089.

MEMBER to join car pool w/present four drivers, vicinity of Comanche & Pa. to any SC gats. Siska, 298-5756.

GUITAR, classical, known brand, reasonable, good or perfect condition, prefer American, no standards or folk. Easton, 256-7717.

FIREPLACE gas log. Chandler, 296-3323.

LARGE BENCH VISE; machinist tool box, must be reasonable, cash. Schuch, 298-9924.

BABYSITTING by teen-aged daughter, vicinity of Comanche and San Pedro. Causey, 299-0089.

DOUBLE kitchen sink; built-in type bathroom sink; gas range, 24". Ward, 298-7230.

MODEL 03A3 rifle in original condition. Floyd, 299-2419.

RIDER for car pool, Eubank & Comanche to Bldgs. 892, 836. Guist, 299-9060.

LOST & FOUND



LARGE FOSSILIZED FISH in oil shale is one of the prized items in the rock and mineral collection of Ellen Wood (4615). Husband Woody (4233-4) helps to find the specimens.

Fossils, Rocks and Minerals Make Up Togetherness Formula

You can always recognize a fisherman by the way he holds his arms in describing the size of a big fish. The pose is also used by rock fossil hunters.

"We were in southern Wyoming on this sleety, windy, cold day carefully using a chisel to pry off sheets of oil shale from the side of a cliff. The rock gave way and there was this fossil fish embedded in the shale," Ellen Wood (4615) explained and held her hands apart to describe the length.

A 20-inch fish is a good size for some species whether alive or fossilized.

Other rock hounds describe Ellen's collection of rocks and minerals as "outstanding." The numerous ribbons and awards her collections have won at the State Fair and in regional shows attest to her interest and knowledge in the field.

Ellen and her husband "Woody" (4233-4) find the hobby of mutual interest. As Woody explains, "I don't sew and Ellen doesn't like shotguns."

They began collecting in 1950 and still haven't found a solution to the problem prevalent among rock and mineral devotees: what to do with the many specimens. "We have rocks in the yard, rocks under the house, rocks in all the closets. In addition, cabinets containing rocks and minerals cover one whole side of a room—an area about 8 feet by 11 feet," Ellen says.

Mere numbers or varieties of rocks aren't sufficient to make up a good collection. Specimens are virtually valueless unless properly labeled as to mineral content and geographic origin.

There is a wide variety of rocks above the ground in New Mexico for the beginning collector, but the gathering becomes progressively more difficult. Most collectors attend the local and regional shows sponsored by gem and mineral clubs and buy or trade to enlarge their assortment. Or, like the Woods, they go under-

ground, literally. "There are hundreds of caves in New Mexico," Woody says, "and we have brought out rocks and crystals from as far back as six miles. The big danger is from dynamite (in the case of mines) or rattlesnakes at the entrance to any underground passageway. Once inside you can usually stand upright; but if you come to a black spot in the path, toss a pebble in that direction first. It may take a half minute for the pebble to reach the bottom of the hole." For reasons such as this, the Woods never take anyone with them on their cave trips.

The couple has been active in the Albuquerque Gem and Mineral Club which sponsors 8 to 10 field trips each year. With a group as well as on an individual basis, it is often necessary to obtain permission to rock hunt on private land. This is a "must" on any Indian land.

Where are some of the easily-reached areas in the state for collecting? One can find interesting white crystals and often garnets on ant hills between Datil and Silver City; petrified wood and fossils in the Farmington area; mineral ores in the Red River area; and peacock ore (Bornite) in mine dumps in the Lordsburg area. A little closer to home, the club is planning a search through raw material used by a local brick manufacturer. The clay the company uses is full of fossilized leaves.

Rock collecting may sound like an inexpensive hobby, but the cost must be based upon the degree of one's enthusiasm. The Woods include in their hobby costs of such things as a four-wheel drive vehicle, a travel trailer, a stereo microscope, vacations spent collecting or visiting gem and mineral shows, and camera equipment. Woody has given a talk on mineralogy and rock collecting, illustrated with his colored slides.

Events Calendar

- Through November-December—"50th Anniversary Exhibition," Museum of New Mexico, Santa Fe.
- Nov. 17-18—Tow Ewell in "The Impossible Years," UNM Concert Hall.
- Nov. 17—Holiday Idea Show, Civic Auditorium, 10 a.m. - 9 p.m.
- Nov. 17-19, 24-26, Dec. 1-3—An experimental theatrical happening, Old Town Studio, 1208 Rio Grande NW. Reservations, tel. 242-4602.
- Nov. 18-19—Overnight camping at White Sands. N.M. Mountain Club, leader Don Peterson, tel. 299-4714.
- Nov. 19—Enchanted Mesa, near Acoma Pueblo. N.M. Mountain Club, leader Bob Kyrilach, tel. 296-1725.
- Nov. 21—Pianist Rudolf Serkin, benefit for Albuquerque Symphony Orchestra. UNM Concert Hall.
- Nov. 25—Paliza Ridge in the Jemez Mountains. N.M. Mountain Club, leader Bill Grohe, tel. 243-1051.
- Dec. 2—Shalako Dances at Zuni Pueblo. YWCA will sponsor a charter bus, tel. 247-8841.

Sympathy

To Rose Hainlen (4152) for the death of her father, Nov. 1, and her aunt, Oct. 31, both in Trinidad, Colo.

Deaths



Ramon Metzgar Sten H. Persson

Ramon Metzgar, who worked in Labor Support and Grounds Maintenance Division 4575, died Nov. 9.

He had retired Sept. 30 after 11 years employment with the company.

Survivors include his widow, a son, five brothers, a sister, and four grandchildren.

Sten H. Persson, a retired Sandia employee, died Oct. 28 in Douglas, Ariz. He was 72.

He worked at Sandia from September 1948 through June 1957. He was a staff assistant in electronic development organizations.

Survivors include his widow, two daughters, and eight grandchildren.



Marian A. Tillman Jerry P. Witt

Marian A. Tillman, who worked in Electrical Division 4233, died Nov. 11 after a lengthy illness.

She had been a Sandia employee since December 1952.

Survivors include her husband, Walter, who is retired from Sandia Laboratory, three sisters and two brothers.

Jerry P. Witt, a technical staff assistant in Optical Measurements Division 7232, died Oct. 28 in an automobile accident in Tonopah, Nev. He was 31.

He had been employed at Sandia, assigned to Tonopah Test Range, since August 1961.

He is survived by two brothers and one sister.

Take Note

Gordon B. Ross (3152) was recently named by the State Board of Education to fill a vacancy on the Bernalillo School Board. Under state law, the state board can make an appointment when the local board fails to call for a special election to fill a vacancy within an allotted time.

A resident of Algodones, Gordon is also president of the Sandoval County Economic Opportunity Corporation which administers Office of Economic Opportunity projects in Sandoval County.

Ben Markus (2121) invites all Sandians who are alumni of New Mexico State University to attend a dance at the Hilton Hotel ballroom after the Lobo-Aggie football game tomorrow. Dancing starts at 9 p.m. to the music of the Stardusters. Admission is \$1.

A number of Sandians are participating in a series of scientific talks to be broadcast over KUNM (FM 90.1) Wednesdays at 7:20 p.m.

D. R. Morrison (5256) will discuss "Artificial Intelligence" Nov. 22; N. J. Pollard (1433), "Microelectronics" Nov. 29; W. H. Kingsley (3310), "Environmental Health as a Profession" Dec. 6; M. J. Landry (9232), "Holography" Dec. 13; and L. J. Vortman (7111), "Plowshare Programs" Dec. 20.

The following Sandians have participated in recent weeks:

R. M. Jefferson (5224), "Nuclear Reactors in Your Future"; H. D. Sivinski (2570), "Man in the Space Environment" and "Planetary Quarantine"; N. C. Anderholm (5637), "Cryogenics" and "Lasers"; C. A. Olson (7221), "Cloud Seeding"; and J. P. Grillo (3311), "Poisons in Industry."

Social Hour Nov. 24 Set at Coronado Club; Renovation Work Continues

A renovated Coronado Club will open its doors Dec. 1 in time for a full schedule of organizational holiday parties.

In the meantime, workmen are installing new kitchen equipment, constructing a permanent snack bar in the patio area and renovating various floor areas. The lobby and downstairs areas are open, and the main lounge will be open for a social hour Friday, Nov. 24.

The TGIF people will enjoy free snacks for the occasion. Pat Reich will entertain on the piano.

Football Bus

The special football bus will leave the Coronado Club at 1 p.m. tomorrow for Zimmerman Stadium. The Lobos face New Mexico State.

Bridge

While the club is being remodeled, the bridge group is meeting at the Heights Bridge Club, 2414 San Mateo Place NE. Duplicate bridge will be played there at 7 p.m. on Nov. 20 and Nov. 27.



T. B. COOK (5000) presents championship trophies to Wendell Nelson (4137), center, low-gross winner; and Ed Stang (1613), right, low-net champ; at a recent awards banquet of Sandia Employees Golf Assn.

Wendell Nelson (4137) and Ed Stang (1613) received championship trophies recently when the Sandia Employees Golf Association closed out the season with an awards banquet at the Coronado Club.

Wendell took the low-gross crown by shooting a total of 298 in four SEGA tournaments.

Ed Stang (1613) with a total score of 269 in four tournaments took the low-net crown.

The two top Sandia golfers were also members of the winning SEGA team. Vic Sirwinski (2444) and Larry Woodard (2211) completed the championship four.

New Sandia Bowling Assn. Sponsors December Tourney

The newly-organized Sandia Lab Bowling Association will sponsor the annual Sandia Lab Handicap Tournament for Men as one of its activities to encourage participation in this sport.

The tournament will be held Dec. 2, 3, 9 and 10 at Holiday Bowl. Deadline for entries is Nov. 24.

The association was organized in September and already has about 700 members. Bowlers eligible for membership include all Sandia Corporation or AEC employees, active or retired, who are sanctioned by the American Bowling Congress or the Women's International Bowling Congress.

Each month the association will honor members bowling the highest scratch series and highest handicapped series. September Bowlers-of-the-Month were Gertrude Byrne (3232) and Tony Satroplus (4234), high-scratch series; and Ruth Brooks (3132) and Larry Harrah (5213), high-handicapper series.

Further information about the association and the forthcoming tournament may be obtained from Dutch Eisold (2211-5), tel. 298-1990, or Bob James (3134), tel. 265-6512.

Sandia Safety Signals

Overdoing It

Before you play strenuously on weekends, why not warm up? Get the kinks out. Loosen up. Even the pros warm up first. The same should go double for one who works at a desk all week.

Contact Lenses

Contact lenses are not protective devices and, in fact, may increase the degree of injury to the eyes. The same eye-protection devices used by other workers should be worn by contact lens wearers in similar employment.

Every Second Counts

If you sustain a chemical burn in the eye, 60 to 90 seconds may be the difference between blindness and a momentarily uncomfortable eye. The treatment is simple. Dilute the chemical in the eye with water as quickly as possible, then seek medical care.