Nearly $104,000 Pledged So Far To Local Health-Charity Groups

Sandia Corporation employees have pledged almost $107,000 to the United Fund, latest figures reveal. Other companies, continued, have brought the total raised during the campaign to nearly $119,000. The outstanding result of the campaign to raise funds for the Sanidad Corporation Employees Contribution Plan is a tribute to everyone's generosity, compassion and good will.

The amount contributing once for all agencies through payroll deduction as devised by your committee appears to be one that other industries may wish to consider.

Your response in pledging and contributing nearly $97,000 to the United Fund to benefit fine arts and sound organization by the committee in planning the drive.

I praise most highly your fine record in this community effort and extend you my personal thanks and appreciation for your accomplishment.

Area II Snakebite Victim Gets Quick First Aid Job, Fast Trip to Doctor

When Edgar Pierce (2211-2) entered a storage shed in Area II Monday, Nov. 18, he had no idea there was a cold, semi-tubercular rattlesnake waiting for him. As he reached for a piece of equipment the snake lunged striking its fangs into the back of Ed- gar's hand.

Rattlesnake expert for help. He dashed into the storage shed and killed the snake. Bill Albers reached for a first aid kit and started applying tourniquet to the man's arm. Meanwhile section supervisor C. C. O'key called the office of the Safety Inspector Benny Valencia of the emergency. Benny in turn informed the operations office of the guard unit to clear the way through the Tech Area gates for the vehicle. And the Talbot medical and the City, to bring a vehicle to the shed—a distance of four miles—at once.

Chaves immediately called the Area II guard shack and told Security Inspector Benny Valencia of the emergency. Benny in turn informed the operations office of the guard unit to clear the way through the Tech Area gates for the vehicle. And the Talbot medical and the City, to bring a vehicle to the shed—a distance of four miles—at once.

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VICIOUS BUT EXCITING Paul Spencer (7411) right shot this 212 lb. bear from the mouth of a "ranch," near Lewiston, Idaho. This fall. The biggest bear he has shot. The country club was also the scene of a 21 lb. bear which was shot by Mr. and Mrs. Floyd L. Martin (7113) on Nov. 7 with a dinner at La Hacienda. They noted their 21st anniversary on Nov. 14, and Mrs. Floyd L. Martin noted their ninth observance on Nov. 22.

Also observing their 21st wedding anniversary on Nov. 25 will be Hob (5121) and Leigh (5125-1) Hendricks.

New Daughters Mr. and Mrs. William M. Braxton celebrated their 25th anniversary on Nov. 9 with a dinner at La Hacienda; Mr. and Mrs. John M. Gustafson celebrated their 25th anniversary on Nov. 7; Floyd and Edith Irwin (both 7113) had their 21st anniversary on Nov. 14, and Mrs. and Mr. Floyd L. Martin noted their ninth observance on Nov. 22.

Returning recently from an extended tour of Europe and Morocco was Carter W. Gibbes (7424); Mr. and Mrs. Gibbes flew Royal Dutch Airlines from New York to Shannon, Ireland, via Gander, Newfoundland. Leavits Gander after dark the couple witnessed a magnificent display of the Northern Lights illuminating huge floating icebergs in the dark sea below. From Shannon the couple traveled by train to Dublin and then flew to Edinburgh, Scotland, to attend the music festival. While there, they met Mr. and Mrs. Al Cramer (7421), who were celebrating their 50th wedding anniversary in Europe. The Gibbes flew to London, toured England and crossed the channel to Paris and Marseilles. Pretending a motor car they toured southern France, crossed the Pyrenees mountains and continued through Spain. From Spain the couple crossed the Mediterranean by boat to Tangier, then motored through Morocco. They returned to Madrid, flew to Lisbon, Portugal, and then New York.

Informal Dance At Coronado Club Tomorrow Night An informal dance tomorrow headline the list of events planned at the Coronado Club in the next two weeks. Leith Sprague and his orchestra will beat out the rhythms from 9 to 11 for the graduates of the Ballroom Dance Instructi on Class. All club members are invited to this function and admission is free.

Climaxing major activities this month is the annual Thanksgiving Buffet at the club Nov. 28. A sumptuous array of food will be on the buffet tables from 4 to 9. Leith Sprague will play for dancing and dancing from 6 to 10 p.m., admission is $3.35 plus tax for guests.

Social hours planned in the remaining weeks of the month are scheduled for Nov. 22, featuring the music of Orife Wagner, and Nov. 29, with the music of J. Wilson and his group.

Strength For Your Life

What does Thanksgiving mean? Food and football? Many Americans think it means more than that. They are the people who have taken on the task of strengthening in our people the role of religious faith in our daily lives. As a means of doing this they are encouraging regular church attendance during the month of November through the ninth annual Religion in American Life Program. The purpose of this program is to urge all church leaders to give the house of worship of his choice in this nonsectarian emphasis on the importance of religion in personal, family, community and national life.

Programs in thousands of communities, churches and synagogues carry the campaign theme: "Find the Strength of Your Life . . . Worship Together This Week." The program comes at a time of increased interest in church and synagogue attendance. Worship service attendance is up 12 per cent since 1950 and today 51 per cent of adult Americans worship regularly. This year, and for the years to come, let Thanksgiving bring "food for thought" to your Thanksgiving table. We live in the abundance of the Twentieth Century. But has any of us so much, or so little, that he cannot find room or time in his heart for thanks? Let us not take our blessings for granted. Let us give thanks unto God and resolve on that day to add new meaning to our lives by regular worship and church attendance.

SANDIA LAB NEWS November 15, 1957

Good Eating is represented by these pheasants which Cliff Bux (7113) (left) and his hunting companion Herb Webster (1651-2) shot recently near Woonsocket, South Dakota.

SANDIA LAB NEWS November 15, 1957

Livermore Ladus Meet Livermore Ladus women held their second annual set-together on Nov. 7. The 94 women employed by Sandia at Livermore had dinner together at Castlewood Country Club, famously the William Randolph Hearst "ranch," and then exchanged "white elephant" gifts. The country club was also the location for a Halloween dance, sponsored by the University of California Rad Lab Recreation Association, which was being attended by some 50 Sandia couples.

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PROUD GAL is Sandra Kay, 13-year-old daughter of Herbert L. Jeffett (7113-1), shown here with a 60 lb. doe antelope she killed with a Savage .243 at Mil- benand, N. M. This fall, 112 lb. was Sandia's first antelope hunt.

Twin Excitement The big excitement around the Stephen Nett household (he's in 2833-2) is twins, born Nov. 5. The Nett's already have six children. Julie Jeantie tipped the scales at six pounds and Tessa Josephine weighed seven pounds, four ounces at birth.

Voice Recall Elaine Hughes (1314-1), a contralto, will be in a voice recital Nov. 22 at the Albuquerque High School auditorium at 8:15 p.m. Her concert will be sponsored by the Albuquerque Civic Symphony Association.

TECH AREA WATERMELON grown on the west side of Bldg. 590-B is harvested by men of Relocation and Inspection Section 3351-L of the 19 lb. watermelon are (L to R) Ticio Oreg, Orlando Sanchez and Luther Martinez.

Sandianotes...

Overseas Vacation Takes Gibbes to Europe, Africa by Land, Sea, Air

Qudl Help in Emergency

Emergency communications service was furnished three Albuquerque hospitals by the Curvam Club last week for six hours when a storm knocked out phone service. James Landry (1620), Dean Snyder (2211) and Carl Prans of the Albuquerque Citizens Band, who helped to relay messages for the hospitals on their mobile radio units.

Sputnik Finders Want to catch a glimpse of Sputnik 7 or 11 or Joe Debatt, Bert Landsay (both 5126) and Ralph Calvert (5121) have taken their binoculars and a lot of bets and can tell others where to look and when.

Anniversary Month Many wedding anniversaries will be marked this month by five employees of Sandia. Mr. and Mrs. William M. Phillips marked their 31st anniversary on Nov. 9 with a dinner at La Hacienda; Mr. and Mrs. John M. Gustafson celebrated their 25th anniversary on Nov. 7; Floyd and Edith Irwin (both 7113) had their 21st anniversary on Nov. 14, and Mrs. and Mr. Floyd L. Martin noted their ninth observance on Nov. 22.

Two girls already have another young couple trav•••

Also observing their 21st wedding anniversary on Nov. 25 will be Hob (5121) and Leigh (5125-1) Hendricks.

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Social hours planned in the remaining weeks of the month are scheduled for Nov. 22, featuring the music of Orife Wagner, and Nov. 29, with the music of J. Wilson and his group.

A special "graduation dance" is planned for the night of Nov. 30 from 8 to 11 for the graduates of the Ballroom Dance Instructi on Class. All club members are invited to this function and admission is free.

Informal Dance This is another article telling of the volunteer reporters who contribute to the Sandia Lab News. Drafting tables form a familiar environment for Carol Cowan (7226) who has been assigned to drafting organizations during her three and one-half years at Sandia. Carol has been a Sandia Lab News reporter nearly that long. An Albuquerque resident for five years, Carol is originally from Moose Lake, Minn. She adds, "I miss the snow but I surely don't miss the seven winters."
George Martin Tries Orange Venture Once Again After Freeze-Out in '51

The "big freeze" of 1951 in the lee of the San使用on Valley Range has brought about many changes. The tops of the orange trees froze although the roots remained alive so that when the trees bore fruit the oranges were the socalled stock variety. When local food processing plants found it necessary to cancel orders for machinery and shipments, six employees of one of the latter firms decided it was a good time to move to greener fields.

So George Martin (7411) announced the transition from Texas' citrus belt to Sandia's drafting tables. He had worked at Sandia for six years but still retains an infatuation for oranges. Six years but still retains an infatuation for oranges, he announced with the wedding set for June 1956.

Mickey Heiberger (7225 on loan to the Sandia Organization five years both in Albuquerque and Livermore) announced the marriage of his sister, Bonnie Knight (7225-6 assigned to the Cable Section) to John Wood (1614) on June 27. The couple will be shown Nov. 19-22.

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Grid Hazards

Despite its violent rainstorm which later turned into hail, 5100's perfect offensive defense recipe defeated a strong 1600 team 10-6. Jim Titchenor accounted for the three touchdowns on passes from halfbacks Sam Hoag and T. S. Trybull. "Mild confusion reigned in the last quarter when T. S. Trybull infuriated two Sandia linemen and one fast back by crossing a explore the condition of static in the human body for testing the static susceptibility of the actors.

Ed Godin (4512) ran a series of exhaustive tests to gather data.

Stimulating the exact amount of electrostatic energy that would fire the actors became the job of F. A. Goss and the Power and Switching Components Development Division 483. Mr. Goss and H. R. Johnston (also 483) perfected a device capable of simulating the conditions of static in the human body for testing the static susceptibility of the actors.

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The first static-free area in Bldg. 803 went into operation last week and two more areas in Bldg. 804 and 834 will be completed soon. Plant Engineering, Maintenance and Purchasing Departments cooperated fully with Safety and Manufacturing Engineering Components Departments in readying the areas in record time.

Citation Awarded Harold G. Gunn

Service to Drive

The Albuquerque Community Chest and United Fund honored a group of officers who served during the recent United Fund drive as a member of the Ma•

firms Divis•

The citation was signed by E. Dale Nettleton, president of the Community Chest and United Fund drive, and C. Robert Hubbard, chairman of the United Fund committee.

R. W. Kultemer To Present Paper

In Magnetism and Magnetic Materials

A technical paper written by three Sandia Corporation scientists will be presented by R. W. Kultemer, one of the authors at a conference in Washington, D. C. next week. R. W. Kultemer, surface of the Ma•

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**Fred Leckman**

**Studies Auroras in IGY Research**

One of the mysteries remaining to science is the nature of auroras—the exact causes and what controls their behavior? Here in the Sandia area we are a long way from the Aurora Borealis or "Northern Lights," but auroras are observed as far south as Albuquerque.

An official volunteer observer of the International Geophysical Year is Fred Leckman (7424) who has been interested in auroras since 1942 when he was a celestial navigation instructor with the Goodrich Corporation. His hobby is celestial navigation and auroras are observed as far south as Albuquerque.

**Typical of Sandia Corporation's janitors, Andy Kuntz, a thin wiry man with Tosches of gray over his temples, tackles his job with enthusiasm and a flair. An ex-placer miner, guard and dude ranch cowboy, he has had the unique experience of changing long adage of "if a thing is worth doing, it is worth doing well."**

This credit applies to the Corporation's 87 janitors who clean and maintain more than 1,250,000 sq. ft. of plant space. The janitors are divided into 30 teams and are expected to clean 1,000 square foot area in an hour.

Using mechanical methods and powerful cleaning fluids, all office areas are swept, thoroughly cleaned and mopped with a disinfected mop and floor compound for use in the plant.

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They love to fly and
Wild Blue Still Beckons These Sandia Pilots

A glance at the blue, yellow or green and red Barnstormers that make up the Sandia employees is a reminder of the many different kinds of flying that occur among the employees of Sandia.

Among the many Sandians who are self-taught pilots is Charles D. Herndon, a high school principal who had the opportunity to fly during World War II. During his time in service, he flew both the North and South Atlantic checking conditions for Chennault's Flying Tigers. After the war, he decided to continue his flying career as a commercial flight instructor rathe than work for an aircraft manufacturer as a test engineer.

Herndon, who is often referred to as the "Director of Flying," has a passion for flying that extends beyond his professional life. He took his first training in Breckenridge, Colorado, where he obtained his private pilot's license. In 1949, he traded a worn out English machine to get a brand new Piper Tri-Pacer and four sons and they have lived in the area ever since.

Most enthusiastic about flying is Kersten (7113), a member of the "Air Kinnovators," a group of Sandia employees who share acommon interest in aviation. Kersten maintains that he feels like a "bird without wings" since he sold his Lancair all metal four-place plane last week-end as a member of a flying club.

Kersten recalled, "I've always wanted to learn to fly but with putting three kids through college on a high school principal's salary it wasn't possible. So in 1951 when I changed to selling life insurance I traded a policy for an instrument rating.

Most Sandians are remembered for their love and dedication to flying, but a few are recalled for their less than ideal experiences. "Barnstorming" days in the Texas Panhandle are recalled fondly by "Tex" Irvin (7111). He began flying in the 1920s and continued his pleasant sport for 10 years. "Landing in wheat fields to pick up passengers was considerably different from landing at airports nowadays—and I think it was more fun," he explains.

During the war Tex worked for Lockheed Aircraft in Scotland, Italy, and Belgium and since has held an Aircraft Engine Mechanic rating.

E. W. "Kersten" Kersten (7113) maintains he feels like a "bird without wings" since he sold his Lancair all metal four-place plane. The 100 h.p. craft brought him to Albuquerque five years ago to work for Sandia after many pleasure trips with his wife in the East and Middle West.

Kersten recalled, "I'd always wanted to learn to fly but with putting three kids through college on a high school principal's salary it wasn't possible. So in 1951 when I changed to selling life insurance I traded a policy for an instrument rating.

Most enthusiastic about flying is Kersten (7113), a member of the "Air Kinnovators," a group of Sandia employees who share a common interest in aviation. Kersten maintains he feels like a "bird without wings" since he sold his Lancair all metal four-place plane last week-end as a member of a flying club.

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Supervisory Appointments

John Gordon Hawley to supervisor of Electromechanical Section 5214-3, Field Operations Division since May 1956. He was a staff member of Electronic Services Division 5243 doing electronic work in conjunction with operation and maintenance of data reduction facilities. He transferred to Salt Lake City in January 1956.

From 1950-54 Gordon worked as an engineer in New Mexico and Arizona, transferred to Salt Lake City in January 1956.

Before coming to Salt Lake City in 1956, he worked as a flight engineer with the 331st Composite Group in Okinawa.

Gordon studied Engineering at the University of New Mexico and obtained a BS. He is a Navy veteran.

SAMUEL A. MOORE to manager of Engineering Department 1210.

During his seven and one-half years at Sandia "Sam" has been in the New Mexico Area. In July 1953 he was appointed supervisor of the 203-3 department.

Previously he was five years with the Atlantic Richfield Corporation in Paterson, N. J. in turbo jet design and development.

Sam served four years in the Army, mainly in aircraft engine development work at Wright Field, Ohio.

He holds a Bachelor's degree in Mechanical Engineering from the University of New Mexico and has a registered professional engineer in New Mexico.

John P. Russell to supervisor of Component Evaluation Section A 553-1, Quality Engineering Department 2180.

During his five years at Sandia John has worked the same department in evaluation of quality assurance inspection procedures and instrumentation.

Previously he was two and one-half years with the AC Spark Plug Company in Milwaukee.

He attended the University of Wisconsin in 1949 with a five-year scholarship in Electrical Engineering.

While in the Navy for three years he attended Radio Material School at the NASA Research Labs in Iowa City.

He is a member of the American Institute of Electrical Engineers and is a registered professional engineer in New Mexico.

Rudolph W. Widman to supervisor of Drafting Section A 741-4.

"Rudy" came to Sandia Corporation in June after nearly 25 years with Bell Telephone Laboratoris.

At BTI he was a draftsman in the Electrical Engineering Department.

After attending high school in Newark, N. J. Rudy joined the navy and served there for four years, two of which he transferred to BTI with the Bell System he has been stationed in New York City, Whippany, Piscataway City and Burlington, N. C.

LIEF P. DENTON to supervisor of Technical Section 7312-2, Operations Division A II.

He has been with Sandia Corporation since May 1953, first in Albuquerque then in what is now Division A.

He holds a BS from the University of Illinois and a MS in Physics from the University of Oklahoma.

Prior to coming to Sandia, he was a staff member of the Technical Division of the University of Illinois.

Leonard W. Parsons to supervisor of Technical Section 7312-6, Operations Division A VI.

Leonard has participated in supervising operations activities since he began work for Sandia Corporation in June 1953.

Before coming to Sandia he was an engineer with KABC and KMAC in San Antonio, Texas. He is a field engineer for Phalen Corporation in Phoenix, Arizona, and a teacher at Southwest Texas State College and also in Austin, Texas public schools.

Leonard received a BA and MA in Education from Southwest Texas State College and also in Austin, Texas public schools.

He attended the University of New Mexico and obtained a MS.

During World War II he was in the Army Air Force as a navigator in the China-Burma-India theater as a camera repairman.

He holds a Bachelor's degree in Electrical Engineering from the University of New Mexico and has a registered professional engineer in New Mexico.

He is a member of the American Institute of Aeronautics and Astronautics, and is a registered professional engineer in New Mexico.
FAST ACTION on the flag football field aroused cheers from this group of players warming the bench. L. to R are: Bob Kimble, Bill Little (1232), Ray Hartung (1612), Bill Little (1832) and Vorn Kemp (1612). Team 310 won the game 10-6.

CORPORATION Flag Football Team to Take on Soldiers

Arrangements are being made for a flag football game between the "all star" players of Sandia Corporation and Sandia Base military. The gridiron tilt is set for the evening of Tuesday, Nov. 20, at the Sandia Base football field near the corner of Gibson and Pennington. Starting time is 8 p.m.

John Poster (7123), president of the Sandia Employees Flag Football League, is serving as coordinator of arrangements. Howard Smyth Jr. (2611) has been named Sandia Base coach, and Ray Cushman (2511) and Bill Considine (4414) are assistant coaches.

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TEXAS A&M to Face Texas State in Football

The Texas A&M football team is expected to be challenged by Texas State University at College Station this Saturday. The Aggies, who are the team to watch in the Southwest Conference, are planning for a tough game against the Bobcats, who are riding a three-game winning streak.

The Aggies have a strong defense led by star linebacker John Smith and quarterback Tom Johnson, who has thrown for over 1,000 yards in the last three games. The Bobcats, on the other hand, have a potent offense with running back Mike Rodriguez and wide receiver Mark Taylor, who has caught over 50 passes this season.

The game is set for a 3:00 p.m. kickoff at Kyle Field, and fans from both colleges and beyond are expected to pack the stadium. It should be a great game and one not to be missed by Aggie and Bobcat fans alike.
George Harris is a Sandia employee who's going places. The name, George Harris, is fictitious, true, but this hypothetical person is symbolic of several hundred employees in the Corporation who are making their future brighter by taking advantage of the benefits of a general training program.

Sandia's rapidly expanding on-the-job training, augmented by out-of-hours class work, is a happy thing for both the hundreds of Georges and the Company.

Let's look at George's case first. He joined Sandia Corporation as an Electronics Technician trainee. George has a keen eye to the future and with the opportunities available to him chances are he will not remain in his present job too long. It depends on George, his ambitions, his initiative, his willingness to learn and the opportunities that the work of the Corporation provides.

As his know-how increases so does his worth to Sandia. And as his skills are needed by the Corporation so will his grade and paycheck advance. So George's industry probably will bear fruit.

Does Sandia Profit?

How does Sandia make out in this enterprise? Teachers have to be provided, classrooms maintained, equipment made available. It takes a lot of money.

There is a continuing scarcity of skilled people. The skills needed by Sandia Corporation. The best way to get highly qualified technicians is to "grow our own." So from within the Corporation's ranks and when necessary from new hires are recruited men and women with potentials and ambitions. They will provide Sandia Corporation and Uncle Sam with the skills that are needed.

It is Sandia's policy to provide training to make possible and easier the step to a better job. It is a happy solution for both employee and employer.

However, this pleasant chain of circumstances does not occur unless planned. That's why the ever-broadening general training program at Sandia is carefully devised and energetically administered.

Sandia has training programs designed to provide electrical inspectors, mechanical inspectors, machinists, technicians in electronic assembly, and welders.

Training Successful

Already Sandia training programs have provided draftsmen, special training has produced skilled key punch operators, pressmen for the printing plant, security inspectors, heavy equipment operators and maintenance specialists, to name a few.

In this development of on-the-job training it became evident that it was necessary to teach the teachers. A class known as "On-the-Job Training Methods" has taught more than a hundred teachers how to do their jobs better.

General training at Sandia has taken hundreds of employees into many varied fields. Special mathematics classes for draftsmen have been offered. Office procedures classes have been given for secretaries. A demonstration course on corrosion has been given to inspectors in 1958 and electronic training has been provided personnel at remote sites.

Future Looks Good

So it can be seen that George Harris, our hypothetical trainee, has quite a future. He benefits from on-the-job instruction. After-work classes further his education. Facilities for his training are the best. The classes he takes have a high academic standing. They are designed for specific work areas in which he wishes to advance.

Sandia's general training program is affording more employees opportunity to prepare for positions of higher responsibility and pay and at the same time helping Sandia maintain a highly skilled work force.