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ALBUQUERQUE, NEW MEXICO

MAY 2, 1958

# College Students and Faculty Join Sandia For Summer Work

## A. D. Mackley Honored By Nuclear Studies Group at Oak Ridge

The Oak Ridge Institute of Nuclear Studies has awarded Arthur D. "Dean" Mackley (5524) a special Fellowship in Radiological Physics.

Recipients of these awards can spend an academic year taking formal course work at one of several designated universities. They may spend three months at an AEC Laboratory for special training and practical experience.

Dean graduated from Idaho State College with a Bachelor of Science degree in Physics, and he has been employed in the Nuclear Division of the Quality Engineering Department since August 1956.

## Bright Elected

Benjamin H. Bright, Manager of the Technical Services Department (7240), has been elected third vice president of the Albuquerque Post, American Ordnance Association.

R. A. Poe, of the Quality Assurance Operations Department (5530) was elected to the Board of Directors.

Clark Read (2334) was elected to a one-year term on the board of directors by officers of the association.

College students and faculty members from schools across the nation will arrive at Sandia early in June to work on specific assignments in Sandia's summer student and faculty technical program.

**Fifty-two students and faculty members from 32 schools, colleges and universities have already indicated they will participate in the summer program. The total is expected to exceed 65.**

The students who will work at Sandia are either in their senior year or are doing graduate work at the schools they attend. Electrical engineering candidates, graduates and faculty will fill most of the positions, while summer employees with mechanical engineering backgrounds will make up much of the remainder.

Several positions will be filled by students and faculty whose fields are in physics, mathematics, engineering physics, applied mechanics, chemistry, industrial engineering, business administration, statistics, human engineering and biology.

Sixteen of the students and four faculty members have worked at Sandia in previous summers. Students rehired include: Vaughan Parfitt, Purdue University; Henry P. Jolly, M.I.T.; Franklin M. Probst, University of Illinois; Charles Dunn, University of Minnesota; Harry Hardee, University of Texas; Larry Opliger, University of Wisconsin; Floyd Mathews, University of New Mexico.

James Barcus, University of New Mexico; Glen W. Howard, University of Wisconsin; John F. Taylor, University of New Mexico; Murl B. Moore, Stanford University; Michael Meeker, M.I.T.; Paul Patterson, University of Arizona; Donald R. Chenowith, University of Illinois; Edward Franzak, Northwestern University, and Otis G. Peterson, University of Illinois.

Faculty members who are returning to Sandia for the summer are: Charles E. Stoneking, Georgia Institute of Technology; Wilbur B. Ratterree, Iowa State College; Wilbur B. Maxson, Albuquerque

High School and Oliver B. Neece, Highland High School.

Other students and their schools are as follows:

Carnegie Tech: Fred W. Smith and Robert E. Manning. Purdue University: John Myers and John R. Beesley. Iowa State: George A. Watson and Larry R. Swanson. University of New Mexico: Patricia Tolmie, Jack Bresenham and Raymond B. Lutz, Jr.

University of Chicago: Bruce M. Hill. St. Louis University: M. K. Sain. Howard University: Ralph Tubbs. Pennsylvania State University: James C. Wambold. University of Kansas: John Beam. Georgia Tech: Charles L. Phillips.

Colorado University: Jack La Follette. University of Iowa: James P. Young. North Carolina State: Paul E. Scarborough. Oklahoma A & M: Olden Burchett. University of California: Richard E. Isaac. Cornell University: David S. Newman. Ohio State: Edward K. Greenwald.

Faculty members joining Sandia for their first summer and their schools are as follows:

University of Missouri: Harry P. Hartkemeier and Robert M. Eastman. University of Nebraska: Clyde M. Hyde. University of New Mexico: Kenneth R. Johnson. Michigan State University: Edward L. McMahon. University of North Carolina: Billy J. Pettis.

Oklahoma State University: Truet B. Thompson. Ohio State University: Lawrence J. Gallagher. Highland High School: Robert E. Iden.

## Two Sandians Appearing On Midwest Program of Psychological Ass'n

Robert L. "Bob" McCornack (1591) and Simon "Si" Herman (3154) will participate in the 13th annual meeting of the Midwestern Psychological Association in Detroit May 1-3.

Bob will give a talk on "An Evaluation of Two Methods of Crossvalidation," and Si's topic will be, "Is There a Need for Technical Career Programs?"



SATELLITES AND SAVINGS BONDS are the theme of a "Bond Blitz" drive May 6 at Sandia Corporation. Dorothy Miller (left) and Beatrice Kenagy (both of 7225) draw attention to the satellite signs which will be displayed during the coming drive.

## Satellites and Savings Tips Figure in Sandia 'Bond Blitz'

Satellites, hamsters, manikins, movies . . . all these and more figure in next week's whirlwind "Bond Blitz" as Sandia Corporation employees join in observing "Share in America" week.

Publicity chairman of the Sandia committee is John Leslie (4111) who has arranged a series of displays and gimmicks to call attention to the campaign. Climax of the drive will be the every-employee canvass to be started Tuesday morning, May 6, to give each employee a chance to sign up for the payroll purchase of U. S. Savings Bonds.

Personalized IBM cards requiring only the signature of the employee and an indication of the amount to be deducted each payday will be delivered to division supervisors Monday, along with leaflets describing the plan, the need, and the advantages. Supervisors will see that the material is placed in the hands of each employee and will render a report on the results of the drive.

The miniature satellites are being placed in corridors and entrance halls with signs calling attention to the fact that it takes a lot of money to carry on such programs, and buying Savings Bonds is one way of loaning money to Uncle Sam with an assured return.

Manikins wearing college graduation gowns and caps will call attention to the advantages of Savings Bonds as a means of putting money aside for education of youngsters at a later date.

The noonday movie program next week will include a short

reel featuring William Bendix and his experiences in selling Savings Bonds to fellow employees. It's good for the usual quota of laughs as well as some sober reminders about savings.

A surprise display featuring a live hamster in a cage, working for the Bond Program, will be placed in the lobby of Bldg. 800 Monday.



J. M. Campbell



E. J. Cooney

## J. M. Campbell Succeeds E. J. Cooney As Superintendent of Accounting

J. M. Campbell, former chief auditor of the Western Electric Company, has been appointed Superintendent of Accounting and Assistant Secretary, Sandia Corporation. He replaces E. J. Cooney who has been assigned as Superintendent of Headquarters Services of the Western Electric Company.

The appointments were effective yesterday.

Mr. Campbell joined Western Electric in 1917 as an accountant at the Hawthorne Works in Chicago. After advancing through various supervisory positions, he was transferred to the Kearny Works in New Jersey in 1927 where he became assistant superintendent of accounting two years later.

In 1936 Mr. Campbell returned to Hawthorne where he remained until 1942 when he moved to New York City to supervise industrial relations and accounting activi-

ties at the electronic shops. In 1943 he became superintendent of accounting at Kearny and in 1947 was named installation comptroller at Western Electric's installation headquarters in New York. He was appointed chief auditor in 1952.

Mr. Cooney joined Sandia Corporation in 1951, coming to Albuquerque from the Teletype Corporation in Chicago where he served since 1931 in a number of supervisory capacities in the accounting field, the last four years as comptroller.

He joined the Bell System in 1926 as an accounting clerk for the Western Electric Company. A graduate of Loyola University, Mr. Cooney received his Bachelor of Commercial Science degree in 1933 and his law degree in 1937. He was admitted to the bar in the State of Illinois.

## R. A. Bice Speaks At ASQC Meeting

Richard A. Bice, Director of Field Testing (5200) and member of the Albuquerque City Commission, will address the annual dinner meeting of the Albuquerque Section, American Society for Quality Control May 12.

Mr. Bice's topic will be "Community Responsibilities." Reservations for the meeting, which will be held at 7 p.m. at the Kirtland Officers Club, may be made by calling Everett Ard (5511) at Ext. 52263 or AX 9-0863 before 9 a.m. May 8.



SURROUNDED BY AWARDS is Vern Christy of the Safety Division (3211) who admires the latest "Award of Honor" to be presented to Sandia Corporation by the National Safety Council in recognition of Sandia's 1957 safety record. Other safety awards shown were won by Sandia for outstanding records in recent years.



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## Look Forward to Keeping This Date

Wise men and women do not fear the future — they prepare for it. Sandia Corporation employees now on the Payroll Savings Plan are preparing for theirs through regular purchase of Series E United States Savings Bonds.

If you are not already planning for your own future in this way, you'll have a chance to sign up for regular payroll deductions for the purchase of Savings Bonds during a campaign starting May 6. Beginning that date, you will have described to you the advantages of setting aside part of each paycheck for a Series E Bond, and then another, and another, and another.

You are the one to make the decision — and if you join the great national thrift plan, you also start to help make good your own future.

As you know, Series E Savings Bonds issued since February, 1957, have carried improvements over the earlier bonds. Now these bonds pay 3 1/4 per cent interest, compounded semi-annually, when held to maturity. They mature sooner, in eight years and 11 months, and earn more during the early years. Printed on each bond, as always, is the exact amount, by six months periods, for which it may be redeemed. The longer you hold it, the better return to you.

So you hold your savings bonds while you continue to accumulate new ones. Accumulate them for rainy days? Yes, but even more for sunny ones, for the home you want to buy, the education of your children, the days when you can take it easy.

It's a date you'll want to keep — the one which launches Sandia Corporation's 1958 Payroll Deduction Savings Bond Campaign.

## Sympathy

To Jennie Rowlinson (2163-1) for the death of her grandfather in Namba on Apr. 9.

To Emma Vasquez (3151-2) for the death of her father in Albuquerque on Apr. 13.

To George F. Koch (4343) for the death of his father in Minneapolis, Minn., on Apr. 14.

To Fred Sanders (2121-3) for the death of his sister on Apr. 5 in St. Louis, Mo.

To John Hinson (2121-3) for the death of his father-in-law on Apr. 14 in St. Louis, Mo.

To Daryl Orth (2124-3) for the death of his father-in-law on Apr. 12 in Minnesota.

To Betty Tatum (3162) for the death of her mother Apr. 19 in Poughkeepsie, N. Y.

To J. C. McClafferty (7329-1) for the death of his father, B. J. Coveney (2742), in Albuquerque Apr. 13.

To D. B. Benedict (2163) for the death of his wife, Mildred, in Albuquerque Apr. 23.

To Evelyn Garmon (4135) and Bettye E. Behrends (4142) for the death of their sister in Albuquerque Apr. 23.

To Sally (4131) and Richard Dyer (2742) for the recent death of Mr. Dyer's father.

To H. L. Miller (7241) for the death of his wife, Lois, in Albuquerque Apr. 26.

To J. L. Hickey (4161) for the death of his father-in-law recently.

To John C. L. Leslie (4111-2) for the recent death of his father-in-law.



Betty Turman

## Take a Memo, Please

If you see an unsafe condition which is not associated with a routine operation, please report it immediately to the Safety Department.

Unsafe conditions which develop or are disclosed during routine operations, and which would normally be corrected as part of established operating procedures, should be reported to the line supervisor.

## Congratulations

Born to:  
 Mr. and Mrs. Jack W. Tennant (7412) a daughter, Michele Renee, on Apr. 11.

Mr. and Mrs. Ron Zottnick (2511) a son, Kirk William, on Apr. 8.  
 Mr. and Mrs. Robert E. Adams (1521) a daughter, Pamela Sue, on Mar. 27.

Mr. and Mrs. W. C. Colborne (4122) a daughter, Billie Dee, on Apr. 11.

Mr. and Mrs. Robert M. Jefferson (1626) a son, Russell William, on Apr. 22.

Mr. and Mrs. Ted Payne (2731) a son, Darryl Arthur, on Apr. 22.

Mr. and Mrs. James T. Brown (5511) a son, Donald Allan, on Apr. 11.

Mr. and Mrs. Harlan W. Richardson (5531) a daughter, Catherine Eileen, on Apr. 21.

Mr. and Mrs. Dale Fastle (5216) a daughter, Donna Marie, on Apr. 14.

Mr. and Mrs. Byron Stewart (2221) twin daughters, Diana Lynn and Debra Louise, on Apr. 12.

Mr. and Mrs. David L. Brown (7329) a son, Stephen, on Apr. 23.

Mr. and Mrs. David Karthaus (5126) a son, James Paul, on Apr. 14.

Mr. and Mrs. Howard Wicke (5126) a daughter, Susan, on Apr. 19.

Mr. and Mrs. Lewis Sisneros (7231) a daughter, Sandra Lynn, on Apr. 1.

Mr. and Mrs. Wayne Bottoms (2741) a daughter on Apr. 24.

Mr. and Mrs. M. R. Zimmerman (5131) a daughter, Heidi Lynn.

## Weddings

Congratulations are extended to Mr. and Mrs. "Max" Callison on their recent marriage in Las Vegas, Nev.

The bride is the former Ethel "Sue" Peterson (4153-1). Mr. Callison is employed by the AEC.

## Motion Picture Conference

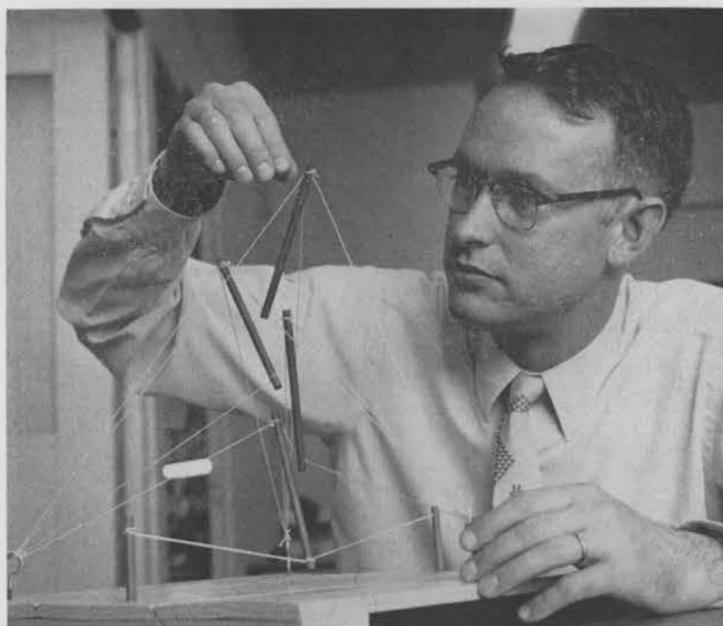
E. A. "Skip" Baca of Sandia's Motion Picture Division (2465) attended a Los Angeles conference of the Society of Motion Picture and Television Engineers last week.

Skip has been a member of the society for 12 years but this is the first national conference he has attended.

## Nice Holiday

Spring skiing and sightseeing in Italy were highpoints of Nancy Bercaw's (5513) recent five weeks in Europe. She flew to the Continent and returned last week on the Italian liner "Christopher Colombo."

The first two weeks Nancy skied at St. Anton am Arlberg in Austria and in Davos, Switzerland, then she toured Italy: Venice, Florence, Rome and Naples.



STICKS AND STRING make up this unusual model demonstrated by George Steck (5125) during Career Day at Valley High School. Named "A Structure Characterized by Connected Tension and Disconnected Compression," the model was keyed to George's talk.

## Sandia Lab News Reporters Honored at Annual Luncheon

The annual Sandia Lab News Reporter's Luncheon was held last week at the Coronado Club with top news gathering honors going to Joanne Boyd (2150).

Certificates of appreciation were presented by James W. McRae, Sandia Corporation President, to reporters Dorothy Evans (2722), Marian Flynn (7223), T. J. Williams (1450), Max Weber (5120) and Beverly Klink (2551).

Main speaker at the luncheon was Sandia Vice President and General Manager S. P. Schwartz.

In addition to some 80 organizational reporters guests included: C. C. Campbell, AEC Sandia Area Office Manager; R. E. Poole, Vice President at Livermore; G. A. Fowler, Vice President, Research;

Editorial Board Members Kimball Prince, R. P. Powell, L. J. Heilman, R. J. Hansen, and A. B. Machen.

Lab News photographers Bill Laskar and Jim Pennington; Technical Artists Cecil Kinney, Dick Strome, and R. H. McHarney; circulation managers Nick Tarnawski and Joe Hernandez; W. G. Funk (3120), Tom Reyman (3122) and members of the Lab News staff.

## Off She Went

Hawaii-bound recently was Bea Haines (2461-4), who flew to the island to visit her son, Jim, on duty there with the Marine Corps at Kaneohe Air Station at Honolulu.



SANDIA CORPORATION President J. W. McRae presents desk set to Joanne Boyd, "Best Reporter of 1957," at reporters' banquet.



SANDIA LAB NEWS reporters hold annual luncheon at Coronado Club

# 'Gipsy' Lives Up to All Expectations, Takes High Afghan Hound Honors

"Gipsy," an Afghan hound owned by Pearson Crosby (AEC), fulfilled early promises displayed as a puppy when she became a Champion at only 14 months.

When entered in the March Arizona circuit consisting of shows at Phoenix, Mesa and Tucson, the fawn-colored dog had six AKC major points toward the 15 required for the title Champion. Both the Phoenix and Mesa shows were four point events, while the Tucson one was five points.

### Shown Five Times

Gipsy was shown five times previously as a puppy, three times being named Reserve Winner, once as Best of Winners to Best of Opposite Sex, and once as Winner Bitch.

Afghans have only recently been known outside their native country, however, they are the oldest breed of purebred dogs. Originating in the Middle East at least 5000 years ago, they were taken from there to Afghanistan where native rulers used them for coursing gazelles, horses and snow leopards.

### Carefully Bred

Each tribal ruler carefully bred and guarded his particular bloodline and even today, it is almost impossible to purchase an Afghan hound in Afghanistan.

About 30 years ago British officers stationed in Afghanistan succeeded in acquiring a few and when they returned to England they were permitted to take the dogs with them. From there they were brought to the United States.

### Navy Returnee

Back at Sandia after an absence of more than three years is R. George Glaser.

George has been in the Navy, stationed at the Naval Air De-



R. G. Glaser

velopment Center in Johnsonville, Pa. He had been in field testing before going on military leave and is now in the Electronic Data Processing Department (4140).

### Congratulations

Mr. and Mrs. L. L. Cole (2131) are celebrating their silver wedding anniversary May 7. Mrs. Cole works in 5533.

Celebrating their 11th wedding anniversary on Apr. 26 were Mr. and Mrs. Robert F. Carleton (2131).

L. E. "Roy" Cole (TDSR for 5120) and his wife marked their 16th wedding anniversary on Apr. 25. They observed the occasion while on vacation in Florida.

Twentieth wedding anniversary will be observed on May 14 by Evys Warren (1292) and her husband, Wallace (2332). On that date they will also have lived in Albuquerque 10 years.

Congratulations to Homer Messenger (2721-3) and his wife, who celebrated 16 years of marriage on Apr. 18.

Mr. and Mrs. Bill Ingram (5131) celebrated their 17th wedding anniversary on Apr. 13 with a special party at their newly redecorated home.

### En Route

Jenny Spann (2721-1) has been anticipating grandmotherhood for the past few weeks. Finally the great moment arrived Apr. 12 and her daughter, Mary Jo, (a former Sandian) gave birth to an eight pound girl. The first newborn wall had scarcely ended when Grandmother Spann was on her way to Chattanooga.



Gipsy  
—a long, honorable heritage—

### Calm Weather

Albuquerque and Sandia Corporation must have appealed to Bert Lindsay (5126). From July to December last year he was a consultant to Sandia while on leave from the Military Physics Research Laboratory of the University of Texas.

Last week he returned to the Corporation as a regular employee.

### Household Pet?

There's an urgent need for a patriotic horned toad. Part of the Quality Assurance display for Armed Forces Day May 17 will feature phases of environmental testing.

All attempt is being made to animate all the scenes. For the desert environmental scene a small size horned toad is needed.

M. J. Davis (5513) has offered to care for the spiney lizard for a few days before the exhibit if necessary. He can be reached during the day at ext. 21142.

### Welcome Back

Barbara White (4344) has returned to work after minor surgery.

Organization 2741 welcomes back Mary Leary who was in the hospital recently.

Returned to work is Frederick H. Hannah (3164), who recently had major surgery performed.

### Home Safely

Dixie, a pet raccoon belonging to Clifton Kinabrew (5531), disappeared for two days but finally decided that, despite such hazards



Cliff and Friends

as neighborhood dogs, "there is no place like home."

"Cliff" trapped the baby raccoon while on vacation in Mississippi last October and Dixie has become the pet of the entire neighborhood.

### Transfer Party

Sandians working in the south wing of the basement of Bldg. 802 recently feted Mary Sparger (2462) prior to her departure for Livermore. In addition to cake, coffee and corsage, Mary was presented with a silver and turquoise "squash blossom" necklace, as a reminder of her friends in New Mexico.

Mary has worked for the Corporation seven years and her husband, D. B. "Dennis," (2234), has been at Sandia more than 10 years. Both are now at the Livermore Branch and Mary reports "It's so green here it hurts your eyes."

### Sick List

Wishes for a speedy recovery are extended to Nabor Rael (2121-2), who underwent surgery on Apr. 16.

Hopes for a quick return also go to Bennie Longfellow (2124-2) who has been hospitalized for the past four weeks.

Convalescing at home is June Stafford (AEC badge office), who suffered an attack of rheumatic fever three weeks ago.

Get well wishes are expressed to Kenneth L. Patterson (4135), who is recovering from major lung surgery.

Convalescing at home after recent surgery is Lucille Keeney (4135).

Department 2150 employees extend get well wishes to Leslie Johnson (2154-1) who is recovering from surgery.

Monte McDonald, son of Juanita McDonald (2741), is recovering nicely from a gunshot wound received while he was attempting to clean a .22 rifle.

Division 2131 sends best wishes to Robert T. Pegue (2131-3), who is recuperating from major surgery.

Co-workers hope for a speedy recovery for Bob Whitlow (4161), who has been out ill for the past three weeks.

### New Citizen

Randal K. Williams' (2131-2) wife, Joyce, received her U.S. citizenship Apr. 21 in Santa Fe. Mrs. Williams came to the United States six years ago from Winchester, England.

### New Homes

Margaret M. Lorenzo (3152-3) and her husband, Tony, have moved into their new home at 9604 Apache NE.

Proud new home owners are Gaynor E. Atkinson (7131) and his family who are now living at 9707 McKnight NE.

It was moving day last Sunday for Mr. and Mrs. Marvin Plugge (2533-1). Their new home is at 1037 Westerfield NE.

Among new home owners are Paul (2415) and Ethel Kind (4135) who moved recently to 2721 Alvarado NE.

Mara Muilenberg (4135) has purchased a home at 3215 Manchester Ct. NW. Last weekend was spent moving.

R. R. Berner (5150) and his family have moved into their new Snow home at 2050 Jensen Dr. NE.



SERVICING AIRCRAFT on the flight line were Civil Air Patrol cadets, many of whom are sons of Sandia employees. A total of 93 1/2 hours was flown in search pattern for the missing "wreckage."

## Sandians, Youngsters Participate In Civil Air Patrol Rescue Test

Several Sandians and many Sandia youngsters are sporting sunburns acquired on the annual Civil Air Patrol Simulated Air Rescue mission held at Truth or Consequences, N. M., last week.

The target for the training mission was a simulated wrecked airplane with "survivors" planted in the area in the early morning

hours to await rescue. CAP units on hand for the exercise included 24 aircraft, 99 adults and 182 cadets ranging in age from 14 to 18 years.

After the "wreckage" was sighted, Mel Pliner (1222) was among those dispatched to the area with a ground rescue party. He covered the "accident" for the CAP Public Information Office.

A communications network was set up and Virginia Sims (2232) operated the message center at T. or C. E. H. Morterud (5523) established radio facilities at CAA offices at the airport to file flight plans for CAP pilots in the "search." Robert G. Higley (2111) stayed behind in Albuquerque to act as a relay station, if one was needed.

The communications department of the New Mexico Wing is under the direction of J. L. "Whitey" Hollenbeck (1614).

The Air Rescue Section for the state is under the direction of William T. Ward (5211) and it is his responsibility to organize a search for any aircraft reported overdue.

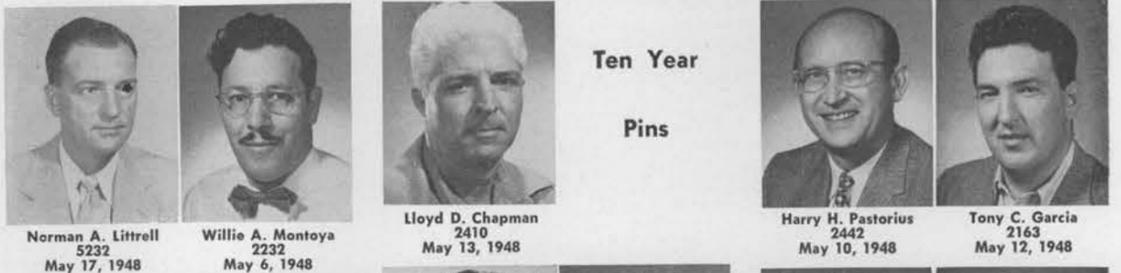
Other Sandians taking part in the SARCAP included Roma Coats (5512) and Howard F. Burgess (1652).



CAP CADET Richard Himebrook, son of F. S. Himebrook (1463), operates radio in communications section during simulated air rescue mission.

## Service Awards

### Ten Year Pins



Norman A. Littrell 5232  
May 17, 1948

Willie A. Montoya 2232  
May 6, 1948

Lloyd D. Chapman 2410  
May 13, 1948

Harry H. Pastorius 2442  
May 10, 1948

Tony C. Garcia 2163  
May 12, 1948

Howard C. Carmody 2223  
May 17, 1948

Harold D. Howell 7311  
May 17, 1948

James P. Seay 4343  
May 3, 1948

Thomas W. Taylor 5216  
May 7, 1948

Dorothy V. Bair 4131  
May 17, 1948

Adolfo Martinez 5215  
May 17, 1948

### Five Year Awards

May 1-9  
Walton E. Renshaw 7313, Doris M. Welch 4121, Thaddeus R. Blaz 7412, Thomas R. Stevenson 5214, Hettie Mae Boggs 2419, and John E. Haaland 7110.  
May 10-17  
Gilbert B. Lenert 7412, Ralph R. Wynant 2531, John L. Wheeler 3152, M. E. Therikildson 3151, Hugh E. Sherman 2124.  
Ovid B. Kizer 2482, Clifford A. Blossom 7232, Ross J. Sinkey 1421, Frances R. McKenzie 2220, and Robert E. Dick 7316.

### Two Year Certificates

May 1-9  
W. J. Rogers, Jr. 5215, Ralph P. Fritz 5233, Rodney E. Carlson 1456, Vincent G. Nelson 1624, Darrell G. Dykes 1612, Benjamin L. Abruzzo 5512, Ladona J. Anglin 7225.  
Boyd Tension 2412, Weldon K. McCoy 5232, Elizabeth A. Wells 5242, Doyle L. Stone 7132, Olen Stephens 5531, Glenn O. Bridgeman 2464.  
Blanche Romine 2231, S. Sue Graham 7225, L. M. Batterson 4135, Donald J. Perrette 1611,

Donald R. Cotter 1240  
May 3, 1948

Marvin H. Brown 2742  
May 6, 1948

John S. Maxon 1544  
May 3, 1948

Charles A. Weaver 2742  
May 17, 1948

Eugene A. Aronson 5242, N. J. Delollis 1625, Arthur P. Lites 7121.  
L. D. Hubbard 1613, Milton E. Morris 7316, William A. Walton 7313, Freddie A. Bartel 7316, Velma Lou Brown 2514, Robert B. Hedberg 1282.  
Richard Sanchez 2419, W. Maxine Shafer 3152, Paul C. Kollmeyer 1282, Robert E. Foster 5112, Rose L. Gonzales 7226, and Mary H. Dean 7221.

May 10-17  
William R. Guntrum 1245, David L. Berry 7411, Jack L. Dyer 3123, Addison M. Cockrill 5221, James T. Hillman 5523, Jack R. Meacham, Jr. 7412, William R. Gault 7324.  
Lois J. Swearinger 7225, Robert D. Hogue 1215, Albin J. Canute 5215, William Meador 5522, Onesime Martinez 2418, Angelina Gutierrez 7225, Gilbert C. Baca 6021, and Robert G. Hogan 1222.



NEW "CAR PORT" on Medical Building keeps ambulance cool for patient's comfort. Here "patient" H. E. Frankel (3164) is wheeled out by Harold Stump (3164), back to camera, and Dick Drake (3161), right. Looking on are Nurse Irene Palmer (3162) and Doctor S. P. Bliss, Medical Director (3169).



TIME MARCHES ON and to prove it Bill Jamieson (8218) presents a two-year service certificate to Marguerite Mihoevich (8132), the first new employee hired at the Livermore Branch from the Bay Area. Looking on at right is Cecile McIntosh (8212-3).



SPEEDY SERVICE by Sandia Corporation's ambulance provides emergency treatment for employees injured or taken ill in the technical areas. A doctor, nurse and attendant accompanying the ambulance on all runs during working hours are on constant alert to meet emergencies that may arise.

## Sandia's Speedy Ambulance Service Ready For All Emergencies in Technical Areas

Call Ext. 45245 and you get action!

This is the Sandia Corporation Ambulance Service, on call during normal working hours for any emergency which might arise.

When you dial the number, a special telephone in the Medical Building sounds a distinctive ring, alerting a doctor, driver and

### Ambulance Ext. 45245

nurse for ambulance duty. At the same time, a special bell rings in the Industrial Hygiene Building next door, from where volunteer attendants race to the waiting ambulance.

All three doctors in the Medical Department (3160), S. P. Bliss, Medical Director, Henry Louderbough and Maja L. Skaller, take turns on emergency calls. Driving duties are shared by Howard T. Stump, Jr., supervisor of the Health Services

Division (3164) and Personnel Investigators H. E. Frankel and F. H. Hannah.

Almost in less time than it takes to say "Emergency," the ambulance crew is ready, the vehicle's red light goes on and the siren is sounded to signal the guard at Gate No. 4 to open the gate to the technical area.

#### 10 Minute Round Trip

The speed of the entire operation permits the ambulance to reach the most remote corner of Area I and return to the Medical Building in less than 10 minutes.

"Seconds can be saved," says Dr. Bliss, "if the person notifying us of the accident can give us these important facts:

#### "1. Location of the patient.

"2. Location of the nearest exit in the building where the ambulance can pick up the patient. It's also a good idea if someone can stand at the outside door to direct us to the patient.

"3. What is the nature of the emergency.

"4. Patient's name if known by caller."

#### Don't Diagnose

Dr. Bliss points out also that callers should not diagnose the patient's difficulty before calling the ambulance. "We would prefer to be called promptly, even if the case seems minor."

After normal working hours and on week-ends, ambulance service in the technical areas can be obtained by calling the Plant Security Department (2740) at Ext. 38257. At these times the ambulance is parked immediately south of Bldg. 802.

Drivers are provided by the guard force. Employees requiring emergency treatment during these hours will be taken to Bataan Memorial Hospital.

Should an experiment of hazardous nature be conducted in the Coyote Canyon Test Area, an ambulance is dispatched to the scene for the duration of the experiment. In such cases a second ambulance is kept in readiness at the Medical Building to provide emergency service to the other technical areas.

## Tax Deduction for Educational Expenses

The following are the important paragraphs of Treasury Decision 6291, issued April 3, 1958 by the Internal Revenue Service, relating to the deductibility of certain expenses for education made by a taxpayer.

From examination of the various examples given, employees should be able to determine whether the particular type of educational expense incurred by them would fall within the scope of the ruling. In any event, it is suggested that full statement of all the facts surrounding the educational expense such as the nature of the course taken, the purpose of the course and the details of collateral expense such as travel, meals and lodging be set forth in any claim for refund.

The refund claim must be filed with the District Director where the return for the year or years involved was filed. Claims for refund for 1955 expenses must be filed by April 15, 1959, and for those incurred in 1956 must be filed by April 15, 1960.

Educational expenses incurred in the year 1957 could have been claimed as a deduction in the 1957 return. If they were not, it is possible to file an amended 1957 return and adjust the tax accordingly.

The exact wording of the ruling is as follows:

Sec. 1. 162-5 Expenses for education. (a) Expenditures made by a taxpayer for his education are deductible if they are for education (including research activities) undertaken primarily for the purpose of:

(1) Maintaining or improving skills required by the taxpayer in his employment or other trade or business, or

(2) Meeting the express requirements of a taxpayer's employer, or the requirements of applicable law or regulations, imposed as a condition to the retention by the taxpayer of his salary, status or employment.

Whether or not education is of the type referred to in subparagraph (1) of this paragraph shall be determined upon the basis of all the facts of each case. If it is customary for other established members of the taxpayer's trade or business to undertake such education, the taxpayer will ordinarily be con-

sidered to have undertaken this education for the purposes described in subparagraph (1) of this paragraph. Expenditures for education of the type described in subparagraph (2) of this paragraph are deductible under subparagraph (2) only to the extent that they are for the minimum education required by the taxpayer's employer or by applicable law or regulations, as a condition to the retention of the taxpayer's salary, status, or employment. Expenditures for education other than those so required may be deductible under subparagraph (1) of this paragraph if the education meets the qualifications of subparagraph (1). A taxpayer is considered to have made expenditures for education to meet the express requirements of his employer only if the requirement is imposed primarily for a bona fide business purpose of the taxpayer's employer and not primarily for the taxpayer's benefit. Except as provided in the last sentence of paragraph (b) of this section, in the case of teachers, a written statement from an authorized official or school officer to the effect that the education was required as a condition to the retention of the taxpayer's salary, status, or employment will be accepted for the purpose of meeting the requirements of this paragraph.

(b) Expenditures made by a taxpayer for his education are not deductible if they are for education undertaken primarily for the purpose of obtaining a new position or substantial advancement in position, or primarily for the purpose of fulfilling the general educational aspirations or other personal purposes of the taxpayer. The fact that the education undertaken meets express requirements for the new position or substantial advancement in position will be an important factor indicating that the education is undertaken primarily for the purpose of obtaining such position or advancement, unless such education is required as a condition to the retention by the taxpayer of his present employment. In any event, if education is required of the taxpayer in order to meet the minimum requirements for qualification or establishment in his intended trade or business or specialty therein, the expense of such education is personal in nature and therefore is not deductible.

(c) In general, a taxpayer's expenditures for travel (including travel while on sabbatical leave) as a form of education shall be considered as primarily personal in nature and therefore not deductible.

(d) If a taxpayer travels away from home primarily to obtain education the expenses of which are deductible under this section, his expenditures for travel, meals, and lodging while away from home are deductible. However, if as an incident of such trip the taxpayer engages in some personal activity such as sightseeing, social visiting or entertaining, or other recreation, the portion of the expenses attributable to such personal activity constitutes nondeductible personal or living expenses and is not allowable as a deduction. If the taxpayer's travel away from home is primarily personal, the taxpayer's expenditures for travel, meals, and lodging (other than meals and lodging during the time spent in participating in deductible educational pursuits) are not deductible. Whether a particular trip is primarily personal or primarily to obtain education the expenses of which are deductible under this section depends upon all the

facts and circumstances of each case. An important factor to be taken into consideration in making the determination is the relative amount of time devoted to personal activity as compared with the time devoted to educational pursuits. Expenses in the nature of commuters' fares are not deductible.

(e) The provisions of this section may be illustrated by the following examples:

**Example (1).** A is employed by an accounting firm. In order to become a certified public accountant he takes courses in accounting. Since the education was undertaken prior to the time A became qualified in his chosen profession as a certified public accountant, A's expenditures for such courses and expenses for any transportation, meals, and lodging while away from home are not deductible.

**Example (2).** B, a general practitioner of medicine, takes a course of study in order to become a specialist in pediatrics. C, a general practitioner of medicine, takes a 2-week course reviewing developments in several specialized fields, including pediatrics, for the purpose of carrying on his general practice. B's expenses are not deductible because the course of study qualified him for a specialty within his trade or business. C's expenses for his education and any transportation, meals, and lodging while away from home are deductible because they were undertaken primarily to improve skills required by him in his trade or business.

**Example (3).** D is required by his employer (or by State law) either to read a list of books or to take certain courses giving six hours academic credit every two years in order to retain his position as a teacher. D fulfills the requirement by taking the courses and thereby receives an automatic increase in salary in his present position and salary schedule. Also, as the result of taking the prescribed courses, at the end of ten years, D receives a master's degree and becomes automatically eligible for an additional salary increase. Since D's purpose in taking the courses was primarily to fulfill the educational requirement of his employer, his expenses for such education and transportation, meals, and lodging while away from home are deductible.

**Example (4).** The facts are the same as in example (3) except that, due solely to a shortage of qualified teachers, D's employer does not enforce the prescribed educational requirements in that other teachers who do not fulfill those requirements are retained in their positions. D's expenses are nevertheless deductible.

**Example (5).** E, a high school teacher of physics, in order to improve skills required by him as a teacher, takes summer school courses in nuclear physics and educational methods. E's expenses for such courses are deductible.

**Example (6).** F takes summer school courses in order to improve skills required by him in his employment as a teacher. As a result of taking such courses F receives an in-grade increase in salary in his present position pursuant to a salary schedule established by the school system for which he works. F's expenditures for such courses are deductible.

**Example (7).** G, a graduate student at a university, plans to become a university professor. In order to qualify as a regular faculty

member, G must obtain a graduate degree. While taking the required graduate courses, G is engaged in teaching at the university. G's expenses therefor are not deductible since he has not completed the education required to become qualified as a regular faculty member at the time he takes such courses.

**Example (8).** H, a self-employed tax consultant, decides to take a 1-week course in taxation, which is offered in City X, 500 miles away from his home. His primary purpose in going to X is to take the course, but he also takes a side trip to City Y (50 miles from X) for one day, takes a sightseeing trip while in X, and entertains some personal friends. H's transportation expenses to City X and return to his home are deductible but his transportation expenses to City Y are not deductible. H's expenses for meals and lodging while away from home will be allocated between his educational pursuits and his personal activities. Those expenses which are entirely personal, such as sightseeing and entertaining friends, are not deductible to any extent.

**Example (9).** The facts are the same as in example (8) except that H's primary purpose in going to City X is to take a vacation. This purpose is indicated by several factors, one of which is the fact that he spends only one week attending the tax course and devotes five weeks entirely to personal activities. None of H's transportation expenses are deductible and his expenses for meals and lodging while away from home are not deductible to the extent attributable to personal activities. His expenses for meals and lodging allocable to the week attending the tax course are, however, deductible.

Since the exact terms of the ruling are now known, there is no reason why employees should not now proceed to take the necessary action if they had such expenses for the years 1955, 1956 or 1957.

It should be noted that where the standard deduction has been taken and deductions have not been itemized that it will not be possible to claim this refund unless deductions are itemized, including the deduction for educational expenses.

If the educational expense incurred is less than the standard deduction previously claimed, it may be that no benefit will be derived from claiming the educational expense deduction unless this new deduction plus other allowable deductions which must be itemized will exceed the amount previously claimed as the standard deduction.

### D. E. Grimm Will Speak At Annual AWS Meeting

Donald E. Grimm of GMX-1, Los Alamos Scientific Laboratory, will speak on the topic, "Non-destructive Testing of Weldments," at the May 8 annual dinner meeting of the Albuquerque Chapter, American Welding Society.

The dinner will begin at 7 p.m. at the Hacienda Dining Rooms in Old Town. A choice of Mexican, chicken pot pie and pot roast dinners is offered at \$2.10 a person. Reservations can be made by calling Vince Nelson at Ext. 42250.

The meeting is also open to members of the Society of Non-destructive Testing and wives of all members.

### Club Bowling League To Organize on May 6

An organizational meeting will be held at 7:30 p.m. May 6 at the Coronado Club to set up a summer mixed bowling league.

The league will be open to all Coronado Club members and will be conducted on a handicap basis. The first league game is scheduled for May 13.

Both beginners and advanced bowlers are invited to join and enrollment will continue until the eight teams in the league are filled.

Interested persons can contact Barbara Donaldson, Ext. 43290; Dottie Chavez, Ext. 41178, or Mary Cook, Ext. 23296.

### Motorists Asked to Remove Decals When Selling Cars

The Sandia Base Provost Marshal's office has requested that motorists make sure that base decals are removed from their personal vehicles before selling them. The PM office also asks that persons registering vehicles on the base have their cars with them as the safety sticker must be checked before decals are issued.

# Tent City Rises on East Mesa For Armed Forces Day Displays

A small tent city will soon rise on Sandia Corporation's east mesa technical facility as preparations near completion for Sandia's participation in Armed Forces Day May 17.

The tents, loaned to the Corporation by Sandia Base, will house many of the technical exhibits Sandia will display during the afternoon. Several more Corporation exhibits will be set up outside surrounding the tents, along with the military displays.

The Model Shops Organization (2100) will display several models of missiles, a working model consisting of a rotating globe with a satellite spinning around it, a hand screw machine and small milling machine, a pantograph machine which will make small souvenir plastic thunderbirds, a wooden pattern, a partial mold with a core, and a rough casting similar to the casting used in making a tracking telescope. The display is under the coordination of F. J. Maloney (2124) and Blythe Wemple (2111).

## Reactor Exhibit

The Materials and Standards Engineering Organization (1600) will display models of Sandia's reactor facility and the hydraulic centrifuge, as well as a larger stationary model of the centrifuge arm with a test vehicle attached. An altitude chamber and slave television cameras and receivers complete the 1600 display. In charge of the display is W. A. Gardner (1610).

An air structure, a unique building held up by air pressure, will be displayed by the Full-Scale Test Department (5230) under the coordination of G. P. Stobie (5231). The buildings are used by the department as warehouses and assembly buildings at the Nevada Test Site.

The Instrumentation Services Department (5210) will display five test vehicles used by Sandia's Aerodynamics Department (5140). The exhibit is being coordinated by H. J. Bowen of the Field Ord-

nance Division (5212). The Department will also display high speed cameras used at Sandia's ballistic ranges. This exhibit is being coordinated by B. C. Benjamin of the Optical Measurements Division (5216). Telemetering equipment and trailers, arranged for display by W. T. Smith of the Telemetering Division (5215) will also be exhibited by 5210.

Sandia's solar furnaces, tracking telescopes and field radar equipment will be shown by the Instrumentation Development Department (5220) under the coordination of Dan Parsons (5221-1). A wooden scale model of a tracking telescope, made by Sandia's Model Shops (2100), is included in the display.

An animated display of the role of Sandia's Quality Assurance Organization (5500) is being prepared under the direction of H. P. Kelsey (5512).

## Fire Equipment

The Plant Services Organization (2400), in addition to setting up much of the exhibit, providing power required and constructing many of the exhibits, will display fire fighting equipment used at Sandia. This exhibit is being coordinated by J. E. Tillman (2410).

The Systems Development Organization (1200) will display handling equipment used in the nuclear weapons program. Coordinator is S. A. Moore (1210).

A comparison of early automation equipment with present facilities comprises the exhibit to be presented by the Inspection Organization (2700), arranged by R. J. Dill (2720).

Sandia's Research Organization (5100) display, coordinated by Al Beck (5132), will include an audience participation strength tester which will light a column of bulbs when a barium titanate disk is struck by a hammer. A simulated wind tunnel testing demonstration and a sampling device to establish patterns of product acceptability

will also be presented. The organization will also participate with the military in detonating small charges of conventional explosives, to produce mushroom-like clouds.

## Future Employee?

Leroy Shoemaker's (2152-1) daughter, Marcella, is very apt at shorthand. When her first year shorthand class at high school was shown a test supplied and judged by the Gregg Society of Artists, Marcella did so well she was presented with a pin making her an honorary member of the Society.



LIVERMORE GOLF WINNINGS are displayed by Kermit Cooper (8114-1), left, who posted low gross to win third flight trophy, and C. P. "Mickey" Rindone (8114-2), runnerup in a recent tourney.

## Sandians Who Serve . . .

# Sandia Engineer Serves Livermore As Cruising Policeman Without Pay

This is another in a series of articles describing the community activities of Sandia Corporation employees.

Howard Cole lives two lives. By day he's a field test engineer in 8122-2 at Livermore Branch of Sandia Corporation. By night he's a police sergeant working without pay, cruising the city streets in a radio patrol car.

Howard is a member of the Livermore Police Reserve; he has been since early last year. He works as a police officer about eight hours a week although the required minimum is only eight hours a month.

The Sandian doesn't do it for

money (reserve officers get paid only when they patrol special events like sports contests), nor for adventure: "Livermore is a



Howard Cole

—volunteer policeman—

quiet town; there isn't much excitement in police work."

"I just do it to help out," he says.

A veteran of nine years with Sandia Corporation, Howard had no previous interest in police work until he transferred to Livermore in the fall of 1956 and heard about the police reserve. He met the entrance requirements: over 21, a Livermore resident, good physical condition, at least a high school education, and willingness to spend his own money (about \$100) for a uniform and equipment, which includes a .38 revolver and handcuffs.

Since joining the reserve he's taken a 51-hour F.B.I. course in police work, earned an advanced First Aid card, and joined the Civil Defense Corps. His enthusiasm paid off last November when he was made sergeant.

## SHOPPING CENTER

### CLASSIFIED ADVERTISING

Deadline: Friday noon prior to week of publication unless changed by holiday.

#### 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.

### FOR SALE

- REVOLVER, .22 caliber, K-22 Smith & Wesson, wide trigger and hammer, staghorn grips cost \$86, will sell for \$65. Shunmy, AX 9-2787.
- '57 FORD, 4-door, R&H, padded dash, Fordomatic, 11,000 miles, Hare, AL 5-6246 after 5:30.
- TANK SPRAYER, pump-up type, for garden, lawn, shrubs, adjustable spray, \$4.50. Sherwin, AL 5-8866.
- '56 CUSHMAN SCOOTER, '58 license, \$150 or make offer. Iver Johnson .22 pistol and accessory, \$30. Ouellette, ext. 33248, 116 Penn St. NE.
- WINDOW FAN, 20" adjustable width, \$25; 10 golf clubs with bag, \$10; two white 46" x 48" matchstick bamboo shades. \$4. Newman, AL 6-3295.
- ROLLAWAY BED, 3/4 size, innerspring mattress, \$35. Wilson, ext. 27244.
- '54 MOTORCYCLE, Harley KH, \$365. Deely, DI 4-6085.
- HOUSE TRAILER, '56 Streamlite 34 ft., 2 bedroom, many extras, reasonable. Rychnovsky, Lot El, Sandia Trailer Court.
- 4x5 CAMERA, Crown Graphic, Linhof lens, 4 film holders, 1 pack adapter, filters, extension flash, \$150. '49 Ford, V-8, 2 door, \$125. Heath, AL 5-5418.
- ROTARY POWER mower, recoil starter, gas con, \$25. Piano, factory rebuilt upright, \$200. Nielsen, AL 5-6497.
- '57 PLYMOUTH, 4 door Savoy, 6 cyl. Christian, ext. 22132 after 7 p.m.
- 2 BR HOUSE, attached garage, near grade school, screened patio, air conditioned, walls, sprinklers, \$11,900, \$1,350 down. Keepsalts AL 6-1741, 1716 Bryn Mawr NE.
- CHILD'S SWING set. Pewe, AL 5-3518.
- MOTORCYCLE, '50 Harley Davidson, model 45, rebuilt engine, new chains, \$240. Finders, AX 9-3628, 8606 Candelaria NE.
- MAYTAG WRINGER washing machine with pump. Miller, AL 6-3977.

- '47 DODGE convertible, engine worn but serviceable, '58 license, \$90. Herndon, AM 8-8269, 1025 Georgia SE.
- CHILD'S PLAYHOUSE, 4' x 8', plywood construction, \$35 and you haul. Willson, AX 9-0278.
- WARN HUBS, manual, in case, never installed, \$15. Linn, ext. 25162.
- '57 VOLKSWAGEN, sunroof, AM-FM radio, heater, leather upholstery, low mileage, \$1750. Owner overseas, Hodyke, AL 5-3393.
- COUCH, rust color, makes into bed, \$15. Want inexpensive piano for children to take lessons on. McKeever, AX 9-2777, 2810 Christine NE.
- AIR CONDITIONER, 1 ton Remington, cost \$329, used two months, sell for \$175. Mays, AX 9-5602 after 6 p.m.
- BICYCLE, girl's 20", \$15. Roehrig, AL 6-4500 after 5:30.
- ATLAS Lathe, saw and jointer comb, shaper, baby carriage, misc. items. Pliner, AL 6-1907, 6210 Bellamah NE.
- '41 FORD HOOD, shaved and louvered. Lenz, AL 6-7037.
- YOUTH BED, Storkline birch, 3/4 size partial guard rails sacrifice for \$45. Sundberg, AX 9-2177.
- TARGET RIFLE, .22 Winchester Model 75, Redfield receiver sight, 1/4 min. clicks aperture front sight, 3 apertures, \$55. Siegrist, AX 9-3088.
- '55 BUICK Super; power steering, brakes and windows; long wheelbase; 33,000 miles; one owner, \$1,395. Buchanan, AX 9-7306 after 5:30.
- MAYTAG IRONER, dual temperature controls, \$50. Fisk, AX 9-3388.
- ROOM DIVIDERS/shadow boxes; 8 pc. dining suite; 4 blond tables; Chinese draperies (140" x 86"); 21" Craftsman rotary lawn mower. Ballard, AX 9-4530.
- ONE WHEEL TRAILER, completely enclosed 3/4 inch plywood body, lights, reflectors, license plate holder, new tire, \$75. Cleveland, ext. 45269.
- ELECTRIC MOTOR Robbins & Myers, industrial, reversible, 1 hp, 1750 RPM, VAC 110-220, 60 cyc. McGriff, CH 2-6503.
- KODAK TOURIST camera, f/4.5, 1/10 to 1/200 sec., T&B, Kodak adapter kit, Heiland flash gun, cost \$95, sell for \$49.50. Gilke, AX 9-5805.
- '53 NASH Ambassador engine, hydramatic transmission and body parts. Hand operated gas pump and barrel, sample crusher jaw type. Schiess, AL 5-3252.
- MATERNITY CLOTHES, spring and summer styles, size 12-14. Rug pad 11 3/4" x 19", \$14. Luikens, AL 6-0437.
- FOLDING CAMERA, Anasco Viking, f/6.3 lens, 620 film, \$7.50. Parks, AM 8-0875.
- ELECTRIC RANGE, Hotpoint, large deluxe model, \$150. Gholson, AL 5-6595, 1414 Amherst Dr. SE after 5 weekdays.

### NEXT DEADLINE

FOR SHOPPING CENTER ADS  
Friday Noon, May 9

- '51 CROSLLEY, 2 door, R&H, turn signals, '58 plates, hydraulic brakes, \$225. Dillard, AL 6-6039, 2729 Monroe NE.
- LIVING ROOM suite, two piece, \$35. 1 twin size bed, Englander mattress, \$60. Trujillo, AM 8-1712.
- GUN CABINET, space for five rifles and three shotguns; full glass door; rear storage for ammo and accessories, \$35. Campbell, AX 9-4830.
- '52 PONTIAC Chieftain, 2 door, Hydramatic, radio and underseat heater. Peterson, AX 9-0164.
- PLAYPEN, rectangular with plastic pad, \$8. Laskey, AL 5-2063 after 5:30.
- BEDROOM SET, double bed, Englander mattress, box springs, double dresser, mirror 6 mos. old, cost \$260, sacrifice for \$110. Wank, AX 9-3450.
- CARPET, green cotton, loop pile, 11 1/2' x 11' with pad, \$25. Fuller, 4924 Idlewild SE, AL 5-2114.
- '50 CHEVROLET, 2 door, standard transmission, heater, seat covers, \$250. Harrison, 712 Cagua Dr. SE, AL 5-7978.
- STERLING SILVER, Westmoreland's John and Priscilla pattern, five six-piece settings, no initial, \$150. Janney, AM 8-8074.
- '55 FORD V-8 station wagon, R&H, overdrive, can sleep two comfortably, \$1,395. Shew, AL 5-0263.
- GE VACUUM CLEANER, \$15. Thermador range hood. Smith, AL 5-7991.
- MAYTAG AUTOMATIC washer, \$35; 8 ft. sliding glass door, \$55; 2'8" screen door with guard, \$5. Beck, AL 6-3350.
- SUN VISOR for '50 Chevrolet, no reasonable offer refused. Huddle, AX 9-6603.
- ELECTRIC SWEEPER, Airway-Sanitizer. Kelley, AL 5-2262.
- '54 FORD, 2 door, R&H, Fordomatic, McCreight, 3709 Aspen NE, Apt. C.
- EASY SPIN DRY washer, \$25. Reinertsen, AL 5-1954 after 5.
- HOUSE TRAILER, 27' Continental on location with 15' x 15' Pueblo style living room w/fireplace; '56 Volkswagen, radio, extra snow tires, \$1,550. Souder, Ext. 34161.
- GAS RANGE, Caloric, 40", double oven, \$75; 20" girl's bicycle, \$15. Pipher, AX 9-6087.
- 16" ROTARY MOWER, 2 cycle \$20; set of children's pictorial encyclopedias, \$15. McGirk, AL 5-7210.

- 4 BR HOUSE, 1 3/4 baths, garage, patio, electric range, drapes, carpeting, walled, landscaped; pay to GI or FHA loan. Chase, AX 9-4982, 1212 Dorothy NE.
- '52 MERCURY hardtop, Mercomatic, R&H, white sidewalls, one owner, \$600 or make offer. McDonald, AL 5-7938.
- MODEL A ROADSTER body and frame rails, perfect for hot rod or dragster. Abrams, DI 4-8252.
- EVAPORATIVE COOLER, Wards blower model with recirculating pump, 5500 CFM, used two seasons, \$75. Graff, AL 6-5291.
- RADIO-PHONOGRAPH, blond table model, \$28. Cordova, AX 9-1652, 1105 Field Dr. NE.
- BEAR BOW, Kodiak Special, 51 lb. pull at 28 inch draw, sacrifice for \$35. Griego, 204 1/2 Wisconsin NE.
- GOLF CART, Chamberlain model, \$15. Salas, AL 6-5989.
- ALTO SAXOPHONE, Buescher Elkhardt, original price \$350, sell for \$250. Trujillo, 716 Arizona SE.
- '56 JAGUAR XK 140 M Coupe, overdrive, \$2,400. Seward, AX 9-6976.
- SPEED QUEEN, Wringer-type washer, \$40. Julius, AX 9-6460.
- AIR COMPRESSOR, \$35; spray gun, \$12. Goris, AX 9-2924.
- THOR AUTOMATIC Gladiron, will exchange for vacuum cleaner. O'Connor, DI 4-5136.
- SHOT GUN (410) 70 rounds shells for same, \$30. Lopez, AX 9-0941.
- '50 CHEVROLET convertible, R&H, \$300. Roybal, AL 6-6981.
- MONTGOMERY WARD refrigerator, 9 cu. ft., \$95; Maytag washer, wringer type, \$65. Pavelko, CH 6-1670.
- 20" BICYCLE, girl's with training wheel, \$11; matched lights, fog & driving, \$6 pair; guitar, \$5 or best offer. Vale, Ext. 22284.
- MULTIMETER, Eico: UTVM, bar pattern generator: power supply, first offer over \$20 takes all. Garcia, CH 2-1182.
- '57 VOLKSWAGEN KARMAN GHIA, low mileage, sell or trade for older car. Batsel, AL 6-4990.
- BOXER PUPPIES male and female, AKC registered, \$75 and \$100, available May 20. Treon, Box 369, Escabosa Star Rt., Tijeras, N. M.
- DYNAMOTORS: PE-101 C (6 or 6 volt input) two output taps, \$12, PE-103 (6 or 12 volt input), \$22.50; prop pitch motor, \$20. Halliday, AL 6-6685.
- LAWN TRIMMER, Edger Silex, \$29.95 model plus 100 feet heavy duty cord all used only one season, \$20. Russell, AL 5-5838.
- TRAILER HITCH bolt, \$2.50; H. E. table converted to work bench, \$7; venetian blinds, assorted sizes, trade for 3-speed changer. Calvery, AX 9-1804.

- MG, TD, 1952, white with red, will take cheap trade. Suttman, Ext. 21180 after 4:30.
- POWER MOWER, 18" Toro Rotary, 4 cycle Briggs and Stratton gasoline engine, used one season, \$40. Galbreath, DI 4-4306, 3730 Manchester NW.
- WANTED
- HOUSE WORK in NE section or on Sandia Base, will also care for small children in my home. Dailey, AX 9-0839.
- RIDERS interested in spending a two or three-week vacation in the Pacific Northwest during July; itinerary open, share expenses. Justin, Ext. 33264.
- SWAP CASH or old pistols, revolvers or rifles, private collector. Smitha, AX 9-1096, 8607 Menaul NE.
- 8" TILTING arbor bench saw, with or without motor. Sinnott, AX 9-1300.
- SEWING MACHINE, electric, used. Singer. Cummings, AX 9-7187 after 6.
- CHILD CARE in my home. Crum, AL 5-8197, 329 Cagua NE.
- MARE for farm work, young, gentle. Butler, 1501 Mora Place.
- GIRL to share furnished home with Corporation secretary for months of June and July, located in NE Heights close to Bases. Wood, AL 6-1732.
- CEDAR POSTS, 12 feet long. Baltz, CH 3-6027, 3404 Cypress Dr. SW.
- RADIO RECEIVER, high quality amateur shortwave for cash. Huddle, AX 9-6603.
- LAWN MOWER, wheelbarrow. Pavelko, CH 6-1670.
- COMPTON'S ENCYCLOPEDIA, late edition in good condition. Welker, AX 9-1179, 8510 Flower Pl. NE.
- CARE FOR pre-school children in my NW Valley home. Williams, DI 4-1161.
- SECOND HAND climbing tower (Jungle Gym) and/or child's swing set; also single Hollywood bed and double rollaway bed. Stricker, AX 9-5596.
- FOR RENT
- 3 BDRM HOME, unfurnished, NE area, available June 3. Rakoczy, DI 4-7088.
- LOST AND FOUND
- LOST—German Shepherd male dog, 1 year old, black body, light tan legs and lower chest; gold tie clasp, 2 Cadillac keys on chain, GI glasses, pink nylon gloves, keys in brown case w/safety deposit box key 30; keys in brown case marked Gayles Roberts Motor Co.; lady's red satin tie, tie chain with pull chain, tie clasp w/minature speaker, clear plastic frame reading glasses, key on ring w/hub cap key. LOST AND FOUND, Ext. 26149.
- FOUND—Lady's watch with small black square on face, Swank tie chain w/initials RB, keys in green plastic snap holder, key marked Atlas Co. No. 3. LOST AND FOUND, Ext. 26149.

# Job Hunting Techniques Told By W. Dzugan at Livermore



CAREER DAY at Livermore Union High School included as part of the program a talk by Walt Dzugan (8212-1) on "How to Get a Job."

Livermore Union High School students got a look at job hunting from the other side of the interviewing desk recently when Walt Dzugan (8212-1) spoke at the school's annual career day on "How to Get a Job."

Walt represented the Branch in his talk before students from the ninth through 12th grades. Using Sandia Corporation procedure as an example, Walt took the audience through a typical job interview, step by step.

He urged students to learn to express themselves well. This is important in the interview, he said, and later when talking over ideas and plans with others on the job. He recommended courses in speech and debating.

"Try to decide as early as possible what your field of work will

be and whether or not you're going to college," Walt said. "Then plan your courses in high school accordingly."

Adequate high school preparation is as important for non-college minded students as it is for those getting ready for college, he said. "Even if you're planning for on-the-job training in a field like drafting, a lot will depend on whether or not you have enough background in subjects like math."

He was one of several representatives of local industry who spoke to groups of students on various vocations and professions.

## New Prices Announced For Coronado Club's Buffet, Social Hours

Guest price for admission to the Coronado Club monthly buffet has been reduced to 50 cents plus regular admission of \$2.10. Formerly the price was \$1.10 plus regular admission. Price for members remains \$2.10.

In another change a 50 cent fee will be charged for each guest at the Friday evening Social Hours.

The price changes were approved at the April meeting of the Club's board of directors.

## Les Rowe Top Bowling Scorer for Livermore

Top bowler Les Rowe (8220) swept the boards for his Livermore Branch team in league play recently when he scored the league's high series, high single, and high average.

Playing with the "Smokesters," the Sandia employee team, in the Fremont Big "D" League, Les won a trophy for his high 650 series, a plaque for his high single score of 256, and shared honors with team captain "Smokey" Maxwell (8113-1) in running up high averages of 179.

## Livermore Thunderbirds Enter Lob-Ball Tourney

The Livermore Branch has entered a team in a Lob-Ball League, scheduled to start play May 12 under auspices of the Radiation Laboratory Recreation Association.

The Sandia Thunderbirds will be captained by Marlin Pound (8212-1), assisted by Ed Daugs (8124-1) and Dick Cook (8113-2).

Lob-ball is similar to softball except that the pitcher must loft the ball in an arc. Eight teams are entered in the league with play completed in two rounds.

## W. F. Schaffer Retires, Had 10 Years Service

Wilbur F. Schaffer, Sr., retired yesterday after more than 10 years at Sandia.



W. F. Schaffer

He started work in reclamation and for the past eight years has been in Manufacturing Engineering Systems (2531). He formerly made his home in Allentown, Pa.

Retirement will mean sufficient time to follow his hobby of gardening and to "do some fishing." Mr. and Mrs. Schaffer live at 609 La Veta Dr. NE.

Their main plans now include a trip to Oak Ridge, Tenn., to visit their son, Wilbur Schaffer, Jr., who formerly was employed at Los Alamos and at Sandia. They are looking forward to seeing their three grandsons.

## Table Tennis Playoffs To Continue for Month In Noon Hour Matches

The Sandia Corporation Table Tennis Tournament playoffs, which began Monday, will continue for approximately four weeks until elimination is completed. Four matches a day are being played during the noon hour, beginning at 12:15 p.m. in Bldg. 824.

Superintendency winners competing in the playoffs and runners-up are:

Org.	Winner	Runner-Up
1200	H. Jones	D. Lang
1400	E. Glaze	R. Edwards
1600	M. Heisler	D. Johnson
2100	S. Urevitch	L. Lincoln
2200	D. Chavez	J. Kelly
2400	W. Austin	D. Smith
2500	T. Kelly	J. Sims
2700	G. Chavez	G. Lucero
3100	H. Finston	P. Hersey
4100	G. Horne	L. Arelland
4300	A. Derby	C. Batsel
5100	A. Kantz	W. Taylor
5200	A. Iacoletti	A. Netz
5500	N. Brisbin	W. Fears
6000	B. Palmer	
7100	R. Armstrong	D. Emrick
7200	B. Garcia	O. Perae
7300	J. McClafferty	R. Andres
7400	R. Dell	W. Lutgen

## Fashion Show, Luncheon Planned at Sanado Club

A luncheon is planned by the recently organized Sanado Women's Club for May 6 at the Coronado Club.

Activities include a "sherry" at 1:30 p.m. followed by lunch at 2 p.m. During the lunch Hubbards will present a Summer Vacation Fashion Show.

Reservations will be limited to the first 250 submitted. Accepting reservations are Mrs. Charles O'Keefe, AX 9-4632, Mrs. Walter Howarter, AX 9-6409, Mrs. Glenn A. Fowler, Base Ext. 24194, and Mrs. Frederick S. Rupp, Base Ext. 31185.

Deadline for reservations will be 4 p.m. May 3.

Dues for May only should be mailed to Claire Goss in care of the Coronado Club.

## Welcome Newcomers

Apr. 14-25

<b>Albuquerque</b>	
F. LaVerne Baum	7226
Henrietta M. Checchio	2133
Marie M. Guggino	4152
Margaret I. Kier	7221
Kenneth E. Hall	2151
Alice R. Jarvis	4135
Judith G. McCracken	7225
Jimmie P. Robertson	7225
Edward W. Roche	2461
Sally G. Romero	2471
Winifred H. Russell	7225
Rita R. Smith	2743
Nancy L. Stack	7226
E. Elaine Thomas	7225
<b>California</b>	
Leslie B. Bruning, Livermore	8221-1
Barbara W. Bruton, Irvington	8221-1
Imogene R. Kelly, Livermore	8212-1
Janet L. Rego, Livermore	8212-3
<b>Michigan</b>	
Charles F. Eckler, Hillsdale	2474
<b>Ohio</b>	
Herbert E. Harling, Willoughby	7210
<b>Texas</b>	
Ronald E. Kitchen, Dallas	1246
Ernest L. Norton, Kingsville	1541
<b>Washington</b>	
George R. Ruzicka, Richland	8113-2
<b>Returned from Leave</b>	
R. George Glaser, Jr.	4141
Kenneth L. Hankins	7411
Bert W. Lindsay	5126
Mary Ann Sikora	7329
Norma J. Hamilton	4315
<b>Rehired</b>	
Reyes Coriz	2474
Jacqueline H. Hynes	7225
Joan A. Lent	7225
Margery J. Poetzi	7225
Lucia G. Vigil	7225
Mary A. Yapple	4135

## Legislature, School, Sheriff

# Seek County Posts in Primary

The New Mexico primary election on May 13 will find numerous Sandians vying for positions on the fall general election ballots.

Nominees for Bernalillo County representatives in the New Mexico State Legislature include: J. A.

Chacon (7319), Donald C. Davidson (2521), Charles L. Hines (3151-2) and James Weber (5132).

Candidates for county offices include: Clifford R. Baxter (2412), nominee for county sheriff, Harry

E. Kinney (1283), running for the county commission, and John K. Merillat (3151-1), candidate for county school superintendent.

Here are brief resumes of the candidates' backgrounds:



**CLIFFORD R. BAXTER**, Republican, position 3 on the ballot. He was a security guard at Sandia for seven years and a year ago transferred to the Millwright and Machine Service Division. He has also done private detective work in Albuquerque. Mr. Baxter attended schools in Plainview, Tex., and served four years in the Navy during World War II. He has a wife and five children. This is his first attempt for a public office. The office of sheriff is for a two-year term.



**HARRY E. KINNEY**, Republican. He has been with Sandia Corporation nearly two years in the Weapons Facility Division. Mr. Kinney received a Bachelor's degree in Mechanical Engineering from the University of New Mexico and has done graduate work at Cornell. During World War II he served three years in the Navy and was recalled for two years during the Korean conflict. He is married and has two children. Mr. Kinney is seeking re-election to a two-year term on the county commission.



**JOHN K. MERILLAT**, Republican. He has worked for Sandia Corporation nearly 10 years and is currently in professional employment, Employment Division. Before coming to Albuquerque he received a Bachelor's degree in Mining Engineering from the University of Arizona. He is married and has four children. This is the first time Mr. Merillat has filed for public office. The term of county school superintendent is for two years.



**J. A. CHACON**, Democrat, position 2 on the ballot. He has worked for the Corporation since 1954 and is an engineer in Operations Technical Division. He is a graduate of the U. S. Military Academy at West Point and served during World War II as a Naval aerial gunner in the Pacific. During the Korean conflict Mr. Chacon flew 46 combat missions for the Air Force. He has a wife and a daughter. Two years ago he won the primary nomination for the state legislature but was defeated in the general election.



**DONALD C. DAVIDSON**, Republican, position 7 on the ballot. He has worked for Sandia since January 1957 and is an administrative staff assistant in Program Control Division A. At the University of New Mexico, Mr. Davidson is completing his last courses toward a Bachelor's degree, majoring in business and government. From 1951-56 he was in the Air Force, four of those years he was stationed at Sandia Base or Kirtland AFB. He is married and has two children. This is Mr. Davidson's first try for public office.



**CHARLES L. HINES**, Republican, position 9 on the ballot. He has been with Sandia Corporation for seven and one-half years and is currently a personnel representative in the Employment Division. At the University of Arizona Mr. Hines received a BS degree. During World War II he served in the Navy for three and one-half years. He is married and has two children. Two years ago, during his first attempt at political office, Mr. Hines was elected to the State Legislature.



**JAMES WEBER**, Democrat, position 7 on the ballot. During his six years at Sandia, Mr. Weber has worked mainly in the machine shop as a model and instrument maker. He is now a staff assistant in Applied Research Division. His technical training was acquired at the Drexel Institute of Technology, the University of Tennessee and the University of New Mexico. From 1946 until coming to Sandia, Mr. Weber was with the AEC. He is married and has four sons. This is his first try for public office.

# Supervisory Appointments

LAWRENCE B. DeSAULNIERS to supervisor of Manual Preparation Section II, 7123-1, Military Publications Division II.



"Larry" has been in the same organization during his more than three years with Sandia Corporation.

He came to Albuquerque from Cincinnati where he was assistant to the advertising manager of American Laundry Machinery Company for two and one-half years. He was also a year with the Crosley manufacturers in production control.

Prior to this work Larry had a teaching fellowship in philosophy for a year each at Xavier University and the University of Cincinnati.

He has a Bachelor's degree in History and English from Loyola of Chicago and a Master's degree in Philosophy and Political Science from Boston College. Larry also has completed some advanced study in Philosophy at the University of Cincinnati.

During World War II he served four years in the Navy aboard the USS Missouri as a hospital corpsman.

CHARLES G. SCOTT to supervisor of Telemetry Systems Section 5232-3, Full-Scale Test Division II.

He has been at Sandia since July 1952 in telemetry work. During Operation Redwing "Charlie" was responsible for investigating the use of standard RF telemetry on full-scale tests. The system was used during Operations Redwing and Plumbbob.

During the current Operation Hardtack he is the project officer for RF systems for one of the programs.

Charlie received a BS degree in Electrical Engineering from the University of New Mexico and also studied engineering at the University of Richmond, West Virginia University and Fairmount State College.

He is a member of Sigma Tau, Engineering honorary, the Institute of Radio Engineers and the Institute of Electrical Engineers.

From 1934-45 he was in the Navy.

MORGAN L. KRAMM to supervisor of Physical Phenomena Measurements 5232-2, Full-Scale Test Division II.



After joining the Corporation in July 1954 he assisted in preparation and planning for Operation Teapot and later served as an assistant project engineer during Operation Redwing. Morgan currently is Program 32 Director for Operation Hardtack and is also in charge of one project, which is a new concept in testing and has involved considerable Sandia responsibility.

Morgan has a Bachelor's degree in Physics from Kansas State Teachers College and from 1953-54 completed most of his graduate work under an AEC Radiological Fellowship at the University of Washington.

He is a member of Lambda Delta Lambda, science honorary, and Kappa Mu Epsilon, mathematics honorary.

He served in the Army during World War II and was recalled to duty from 1950-51.

ARNOLD D. THORNBROUGH to supervisor of Full-Scale Instrumentation Section 5231-2, Full-Scale Test Division I.



"Dean" joined Sandia Corporation in 1952 directly from Texas Technical College, where he received his BS degree in Physics.

While in field testing work he participated in Operation Upshot/Knothole as an assistant project engineer, Operation Wigwam as a project engineer, and Operation Redwing as a project officer.

During Operation Plumbbob he was a program director, operationally responsible for all Sandia Corporation participation in the weapons effects field and weapon vulnerability.

Dean is a member of Kappa Mu Epsilon, mathematics honorary, Alpha Chi, junior-senior honorary, and Phi Eta Sigma, freshman honorary. He is also an associate member of the American Institute of Physics.

WARREN C. ELDER to supervisor of Project Section A, 2153-1, Mechanical Department.

He has been with Sandia since September 1951, first as a model and instrument maker and currently as a staff assistant in Shops Services Division.

Warren came here from Boeing Aircraft in Wichita, where he was an assistant foreman in the machine shop. Before his three years with Boeing, Warren was a similar period in time in model and instrument work at the Alameda (Calif.) Naval Air Station.

He served nine and one-half years in the Navy, including four years in the South Pacific during World War II.

He attended high school in Douglass, Kans.

NORMAN W. OLLMAN to supervisor of Materials Services Division 7233, General Services Department.

"Norm" has worked in support services during his nine years at Sandia. He has been supervisor of Field Support Section 7232-3 for five years.

A native of Albuquerque, he graduated from high school here and worked as a hotel clerk and for three years as a salesman.

During World War II Norm served in the Army Air Corps for nearly four years, part of the time in England.

A. V. ENGEL to supervisor of Project Division 1215, Engineering Department.

"Vic" has been in Systems Development or organizations during his six years at Sandia and has been supervisor of Section 1222-2 since October 1953.

Previously Vic was one year with the Southwest Research Institute in San Antonio, Tex., and three years as an engineer with General Electric's Knolls Atomic Power Laboratory in Schenectady, N. Y.

He received a Bachelor's degree in Mechanical Engineering from the University of New Mexico and is a member of Sigma Tau, engineering honorary. He is a registered professional engineer in New Mexico.

WILLIAM F. CARSTENS to supervisor of Technical Information Division 7223, Staff Administrative Service Department.



"Bill" has been with the Corporation since Feb. 1955 and was promoted to supervisor of Technical Information Section a year ago.

He previously taught Technical Writing and English Literature for nine years at the State University of Iowa. Bill received his PhD and Bachelor's degrees in English from the same school. Earlier he majored in Speech at Iowa State Teachers College.

He is a member of the Society of Technical Writers and Editors and Theta Alpha Phi, dramatics honorary.

During World War II Bill spent four and one-half years in the Army. He served in England and France and after the war remained in Germany in U. S. Military Government work.

H. E. HANSEN to supervisor of Systems Development Section 5232-1, Full-Scale Test Division II.

"Ed" came to Sandia in 1952 after graduating from State College of Washington with a BS in Electrical Engineering (Electronics).

In 1953 he assisted in evaluation and procurement of a new microbarograph system which was used in the field during Operation Upshot/Knothole. Ed is now Program 34 Director for Operation Hardtack and is a project officer for Pandora Project.

He is a member of the American Institute of Electrical Engineers, Sigma Tau, Engineering honorary, and Tau Beta Pi, Engineering honorary.

From 1945-47 he was a radio chief in the Army.

CLARENCE E. INGERSOLL to supervisor of High Time Resolution Systems 5231-3, Full-Scale Test Division I.



"Earl" has been at Sandia nearly six years. He has served as an alternative project officer for Operation Redwing, a project officer of the high time resolution telemetry group for Operation Plumbbob and is currently in the Pacific as a project engineer on Operation Hardtack.

He came to Sandia from North Carolina State College where he received a Bachelor's degree in Nuclear Engineering.

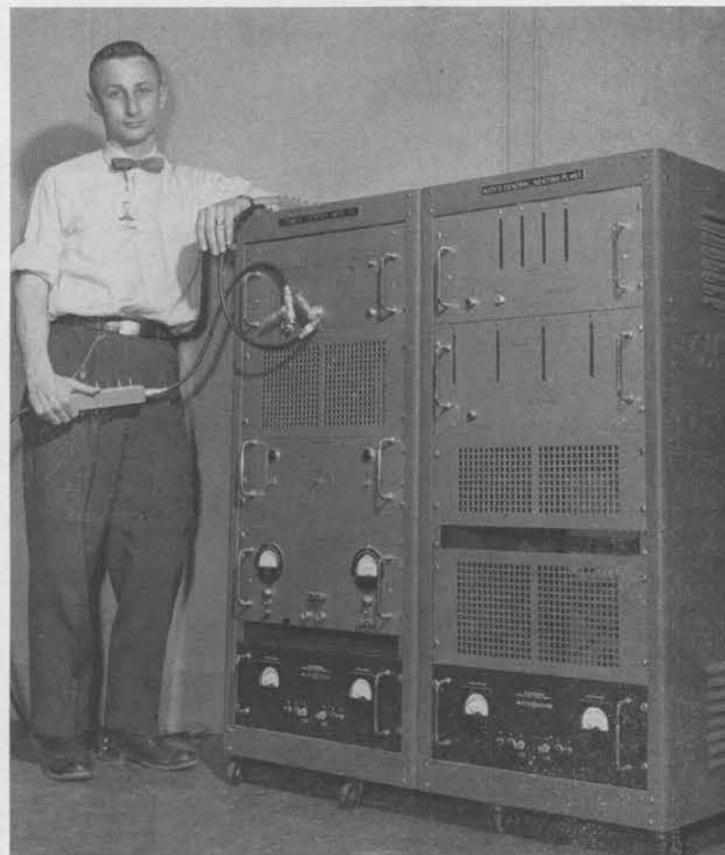
During World War II Earl served nearly four years in the Army.

He is a member of the American Institute of Physics and of the Institute of Radio Engineers.

## Softball to Start

The Sandia Corporation Employees Softball Association will begin play on Monday, May 5.

Two leagues will participate this year, playing games on Diamonds C and D behind the Sandia Base Gym. Games will be played at 6:45 and 8:30 p.m. Mondays through Thursdays, it was announced by Tom Kelley (2551), association president.



INVENTION of this time interval measuring device by Julian E. Gross (1413) won for him U. S. Patent No. 2,831,162. The patent has been assigned to the AEC. Julian has been employed in the Special Problems Division since receiving his M.S. from M.I.T.

J. CECIL RUSSELL to supervisor of Materials Analysis and Test Division 1622, Materials Standards Department.

Cecil has been with the Corporation eight and one-half years and has headed Chemistry Section 1621-1 for seven years.

He came here from Shreveport, La., where he was a corrosion engineer with United Gas Pipeline Company for two years.

From 1942-47 he worked on a government research activity at the University of New Mexico and at New Mexico School of Mines.

Cecil has a Bachelor's degree in Chemistry from Arizona State College and is a member of the American Chemical Society and National Association of Corrosion Engineers.

KENNEY L. LOUGHLIN to supervisor of Material Control Section 2711-1, Receiving Inspection Division.



During five years at Sandia Kenney has worked one year in Quality Assurance and the remainder of the time in Field Inspection.

He previously operated his own precision machine shop in Los Angeles for six years. Kenney also worked eight years for Coast Machine Tool Company in Los Angeles as an assistant superintendent and four and one-half years for Gardner-Denver Company as a toolmaker.

During two years at California Institute of Technology he studied rocket exhaust research. Kenney has also taken some classes at the University of New Mexico.

He is a member of the American Society of Tool Engineers and the American Society for Quality Control.

## Come Out, Come Out

Any graduates of Central Technical Institute in Kansas City working for Sandia Corporation? Ross R. French (5231) is interested in contacting former students of the school with the idea of planning a social event.

Ross can be reached evenings at AM 8-9912.

## Valparaiso Alums Give Electronics Show at Local Detention Home

An "Electronics Spectacular" was presented at the Bernalillo County Detention Home recently by Albuquerque Alumni of Valparaiso Technical Institute.

Nine members—all Sandia Corporation technicians—participated in the demonstrations.

Luke Snyder (5223) explained a photo cell which he had constructed, Gary West (5223) demonstrated a Tesla Coil, and Jerry Donaldson (1442) explained and demonstrated a sound switch.

A short talk on amateur radio was given by Jim Drake (1652) followed by a demonstration of 10 meter pack sets.

A feature of general interest was a tape recording of the Vanguard satellite which Bob Lindsey (1455) had made that morning.

Bill Stephenson (1411), president of the Delta alumni chapter, showed circuits boards he has constructed. A hi-fi demonstration was given by Lee Hogue (1456) followed by an explanation by Don Werner (1411) of "Jacob's Ladder," an exhibit in which an arc is made to climb between two vertical wires.

Bill Bredow (1451), demonstrated a computer which sounded a buzzer when the operator made the wrong move in transporting animals across an imaginary river.

## Technical Papers From Sandia Go to Civilian Program

A number of technical papers by Sandia authors were sent to the AEC's Technical Information Service at Oak Ridge, Tenn., last month for use in the Civilian Application Program.

The papers and their authors: "Output Signal Noise Ratio in Pulse Systems with AGC and Saturation" by Charles S. Williams, Jr. (1454).

"Air-Gun Studies of Ferroelectric Materials" by E. A. Ripberger and A. F. Beck (5132).

"Test of 61X-T6 Aluminum Sheet Under Short-Duration, High-Rate-of-Rise Heating" by J. A. Barber (1611).

The latter two papers will also be made available to the public through the Office of Technical Services of the Department of Commerce.

# Sandians Praise Health Care; Tell What It Means to Them

To show employees how the new Health Care Plan will benefit Sandians, the Sandia Lab News has interviewed four employees who have recently suffered from illnesses or accidents in their families.

All four were covered at the time by the old Hospital-Surgical Plan and recovered 40 to 50 per cent of their expenses under the plan. In voluntary testimonials below,



**BARNEY MYER (2442):** "An ulcer operation I underwent recently cost \$1,081.50 in hospital expenses and another \$500 for surgery. Under the old plan I recovered \$732.05 for hospitalization and \$250 for surgery. Had the new plan been in effect I would have received \$865 for hospitalization and \$400 for surgery, plus \$56.80 for special nursing which I would not recover under the old plan. My wife, who has worked in a doctor's office for 10 years, has seen many claims and many plans and she thinks Health Care offers the most for the premium dollar."

each points out how much more protection is provided by the Health Care Plan to cover employees in such emergencies and further ease the financial strain of accidents and illnesses.

These testimonials are representative of cases which could happen at any time and any place to Sandia employees and shows that the Health Care Plan provides excellent protection for that "rainy day."



**SHAWKEET HINDI (2461):** "I was severely injured while riding a motorcycle recently. My hospital bill ran up to \$508.80 and surgery amounted to \$849.75. My coverage under the old plan returned \$354.10 for hospitalization and \$275.75 for surgery. If I was covered by the Health Care Plan at the time I would have recovered \$407.04 of the hospital bill and \$679.80 for surgery. You never expect an accident such as mine to happen but when it does it sure can be expensive. That's why I've joined the Health Care Plan."



**ART BROWN (2152):** "My wife will be hospitalized for at least six months while she recuperates from tuberculosis. Under the old plan we could not recover for any hospitalization over 180 days. With Health Care, she is covered indefinitely should she have to stay in the hospital longer. The old plan would return \$1 for every \$4 spent for doctor's visits in the hospital. Health Care pays over \$2 for every \$3 spent for these visits. Later, when my wife comes home from the hospital she'll need plenty of so-called 'wonder drugs,' which will cost money. The new plan will be a big benefit to us as it will pay for much of the cost of these drugs which wasn't covered at all under the old plan."



**JERRY GIBSON (3154):** "Last February I slipped and fell in my kitchen at home, injuring my neck. I've been off work now for two months and by the time I return to work doctors' and hospital bills will probably be more than \$1,000. Under the old plan I'll be reimbursed for a little less than half of this expense, but the Health Care Plan would cover me for about 80 per cent of the total, which is quite a bit of coverage for a premium of only \$14.40 a month. Several doctors have been called in for consultation on my case and their fee would be covered by Health Care but only one would receive payment under the old plan."

## Tech Council Meets

The New Mexico Council of Technical and Scientific Societies will conduct its monthly board of directors meeting May 5 at 7:30 p.m. in the warehouse building conference room at the University of New Mexico.

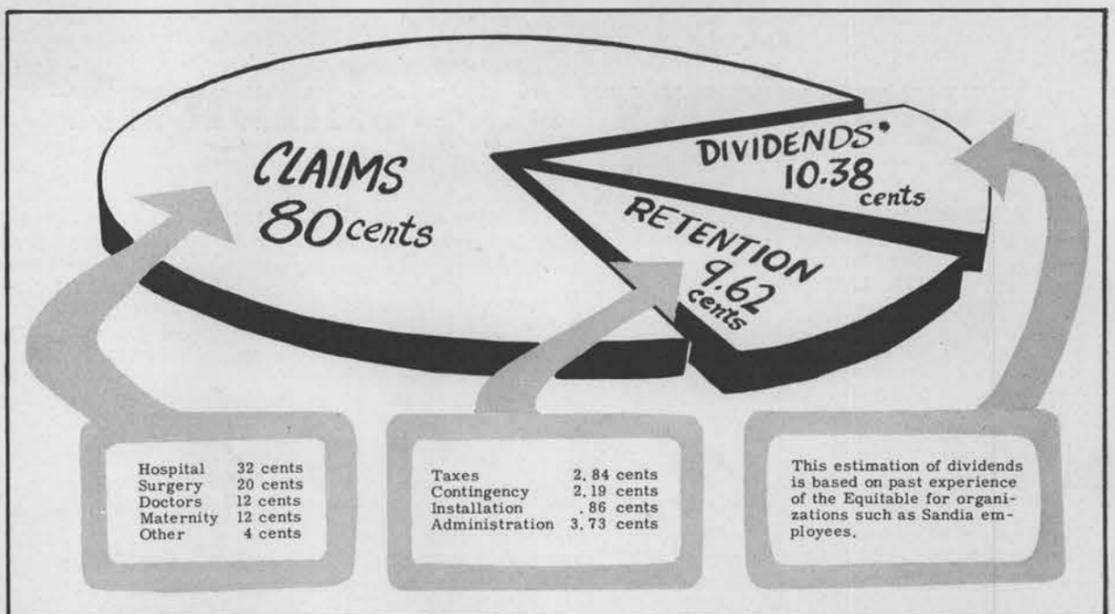
## Telemetry Papers To Be Presented at National Convention

Technical papers by four Sandians will be presented at the National Telemetry Conference in Baltimore June 2-4.

"An Application of Coherent Detection to Electronic Trajectory Measurements" is the title of a paper to be presented by B. J. Weston of the Telemetry Systems Division (5223).

Clayton E. Erickson, Test Project Division II (5252), will give a paper entitled "A Six-Channel Airborne Strain Gage Calibrator and D. C. Excitation Unit," co-authored by R. H. Gablehouse (5223).

"Transistorized Current - Controlled Oscillator for D. C. Excited Strain Gage Applications" is the subject of the paper to be given by C. E. Land (5223).



THIS PIE CHART shows how it is estimated your premium dollar will be spent under the new Health Care Plan. The figures are based on past experience of The Equitable in dealing with groups

such as Sandia Corporation employees. (\*Amount shown as "dividend" could be used to improve the plan by increasing benefits or reducing premiums if claims did not exceed anticipated percentage.)



SIGNING UP new members for Sandia's new Health Care Plan are Sam Mancuso (left) and Jim Kelly, both of the Employee Services and Benefits Section (3122-1). As of Wednesday, Apr. 30, 2200 employees had signed up for the new insurance plan.

## New Members Elected To Sandia Committees

Several changes in membership in Sandia Corporation's Standing Committees have been made, effective May 1.

R. W. Henderson (1000) has been appointed chairman of the Sandia Classification Board, replacing L. J. Paddison (1500) who takes over new duties as chairman of the Staff Aides Committee. Mr. Paddison replaces C. W. Campbell, who has been assigned to Livermore as superintendent of the 8200 Organization effective June 1.

Two new members of the Classification Board are J. H. Findlay (5500) and F. E. Abbott (AEC representative). Mr. Abbott replaces F. E. Bell.

New members of the Staff Aides Committee are J. E. Eckhart (5200) who replaces H. H. Patterson (5250), and A. F. Cone (5510).

H. H. Patterson replaces J. H. Findlay on the Staff Member Committee. E. P. Hutson (2470) has been appointed as a new member of the Space Committee. G. A. Parker (2700) has been added to the Buildings and Facilities Committee and J. M. Campbell, new superintendent of 4100, replaces E. J. Cooney on the committee.

R. E. Hopper (2400) has been appointed as a new member of the Salary Committee.

## 'Flame Plating' Topic Of ASM Dinner Meeting

The American Society for Metals, Albuquerque Chapter, will have as its speaker May 15 C. B. Robins, Sales Engineer-Flame Plating, Linde Company of Kansas City, Mo.

Mr. Robins will discuss "Flame Plating" at the technical session, which will begin at 8 p.m. in Room 103 of the Civil Engineering Building, UNM campus. A dinner at the Chinese Village Restaurant will precede the meeting at 6:15 p.m.

The speaker is a graduate of the University of Michigan and has been with the Linde Company since 1948 where he has served as development engineer, assistant superintendent of production on flame plating and sales engineer on flame plating.

A choice of Chinese or American (steak) dinners is available at \$1.85 a plate, including tax and tip. Reservations can be made by calling Vince Nelson (1624) at Ext. 42250 or Byron Wickett (1624) at Ext. 25163.



C. B. Robins

## Personnel Reps Answer Queries On Health Care

Employees wishing to learn more about the new Health Care Plan being offered at Sandia, can contact personnel representatives in 3152 by telephone or in person to answer questions about the plan.

All representatives have been thoroughly briefed on the provisions of the plan and may be contacted at any time during the regular work week. Enrollment in the plan is now in process and will continue to June 1.

Personnel representatives by organization are listed below:

Staff Personnel	General (Male)	General (Female)
Joe Danclovic	1200 Organization	Connie Steputis
Bob Garcia	1400 Organization	Connie Steputis
Bob Garcia	1500 Organization	Connie Steputis
John Wheeler	1600 Organization	Connie Steputis
Phil Leiserson	2100 Organization	Connie Steputis
Phil Leiserson	2200 Organization	Connie Steputis
Phil Leiserson	2400 Organization	Connie Steputis
Walt Dodd	2500 Organization	Mollie Miller
Walt Dodd	2700 Organization	Mary Yager
Milt Fellows	3100 Organization	Evelyn Quigley
Walt Dodd	3200 Organization	Evelyn Quigley
Ray Scharpen	4100 Organization	Connie Steputis
Joe Danclovic	4300 Organization	Connie Steputis
Walt Dodd	5100 Organization	Connie Steputis
Ray Scharpen	5200 Organization	Mollie Miller
Bert Quelle	5500 Organization	Mollie Miller
Ray Scharpen	6000 Organization	Mollie Miller
John Wheeler	7100 Organization	Mollie Miller
John Wheeler	7200 Organization	Evelyn Quigley
John Wheeler	7300 Organization	Evelyn Quigley (7225), Mary Yager
Milt Fellows	7400 Organization	Evelyn Quigley
Bert Quelle	7400 Organization	Evelyn Quigley

## Design Contracts Let For Sandia Facilities

The Atomic Energy Commission has awarded contracts for architectural engineering services required for the construction of two technical facilities at Sandia Laboratory.

Holabird, Root and Burgee of Chicago will perform architectural engineering services for the \$1,-600,000 climatic chamber and high temperature test facility to be built in Area III. Equipment funds allotted for the facility amount to \$817,000.

Construction of the facility is expected to begin in July and be completed in eight months.

The Norman Engineering Company of Beverly Hills, Calif., will provide design services for the \$1,640,000 Materials and Standards Building to be constructed in Area I starting in July. The building is expected to be completed in one year.

## SBRC to Hear Banks

Tom Banks Jr., (5252) will discuss "Design and Adjustment of a Five Band Antenna Tuner" at the May 13 meeting of the Sandia Base Radio Club at the Base Club Room. The meeting will begin at 8 p.m.

