

Sandia LAB NEWS

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ALBUQUERQUE, NEW MEXICO

NOVEMBER 18, 1955

First Service Pins To Be Awarded Early Next Year

Presentation of service recognition pins to Sandia Corporation employees with five or more years service will be made about the first of the year, according to Eugene W. Peirce, manager of the Employee Services, Training and Public Relations Department.

In addition to more than 1000 employees with more than five years service, 19 employees with 10 years or more service will be honored. The 19 "old timers" are:

William E. Caldes 5513, John Keller 5214, Joe Honest 1243, Marion Lantz, 2152, Charles Runyan 1940, Virgil Harris 5216, Conrad Roeschke 5543, Harvey S. North 5211, Robert W. Henderson 1200.

Ray B. Powell, Jr. 3100, Elizabeth Foley 4133, Ben J. Russo 5513, Richard Bice 5200, Albert Rizzoli 1632, Lowell Stouder 2151, Louis Zelnio 2563, Joseph Chisasky 2124, Glenn A. Fowler 5400 and William C. Elskes 2411.

The new pins are a stylized representation of the Indian Thunderbird symbol and are now being manufactured locally. They will be presented to employees with five years of service and multiples thereof. Employees eligible for 10-year awards may select the jewelry on which they want the emblem mounted.

Report Several More 100% Departments In Sandia Chest Drive

Still more Sandia Corporation departments have joined the list of those participating 100 per cent in the recent Community Chest-Red Cross United Fund Drive.

Tom Hanna, drive coordinator, reports the following departments in the group:

Programming 2520, Production Control 2220, Auxiliaries Engineering 1280, Test Laboratory 1610, Wage and Salary Administration 2610, Labor Relations 2620.

Manufacturing Relations Engineering 2530, Plant Security 2450, Patent 6010, Component Development 5320, Employee Services, Training and Public Relations, 3120.

Free Membership To New Employees

A month's free membership and participation in all Coronado Club social functions is being offered newly-hired personnel, according to Joe Heaston, 5212, Club public relations director.

Included in the 30-day free membership are dances, Social Hours, dinner privileges, and the usual round of Club social functions.

F. E. Burley to Be Superintendent Of Inspection

Frank E. Burley will become Sandia Corporation Superintendent of Inspection, 2700, Dec. 1. He comes to Sandia from the North Carolina Works of Western Electric Company



Frank E. Burley
—becomes Sandian Dec. 1—

where he has been Superintendent of Headquarters Engineering.

Mr. Burley is a native of Massachusetts and received his bachelor's and master's degrees in electrical engineering from the Massachusetts Institute of Technology.

His Bell System career began in 1928 as a cooperative student assigned to the Western Electric Installation organization in New York City. As a member of this student course and as an engineer he held engineering assignments with the New York Telephone Company and with Bell Telephone Laboratories.

In 1940, Mr. Burley was assigned to Western Electric's Kearney, N. J., works. During the following six years he held engineering and supervisory assignments there.

In 1946, he went to North Carolina Works of Western Electric and in 1951 became Assistant Superintendent in charge of Manufacturing Engineering at the Burlington, N. C., plant. He has held his present position with Western since 1953.

Mr. and Mrs. Burley have two children, Barbara Ann and Charles Wilson. Mr. Burley and his family will reside on Sandia Base.

Christmas Parties Fill Club Calendar For Next Month

The annual Thanksgiving Day Dinner at the Coronado Club tops Club activity during the month of November, with a Sunday afternoon Buffet scheduled the same week, on Nov. 20.

A Social Hour will precede the buffet from 4 p. m. to 5. Dinner will be served from 5 to 7 p. m.; dancing to the music of the MBC Trio from 7 to 10.

A Bingo Party will be at 8 p. m., Nov. 23, and a square dance will be Nov. 25 at 8:30.

The first Christmas party of the holiday season takes place Nov. 26 when Organization 2300 dines and dances at the Club.

Additional Christmas parties scheduled for the month of December are as follows:

Organization	Date	Location
1900	Dec. 2	Ballroom
2111	Dec. 2	La Cana
2200	Dec. 3	Ballroom
1330	Dec. 3	La Cana
1280	Dec. 8	Ballroom
2530	Dec. 9	Ballroom
2610	Dec. 9	La Cana
3100	Dec. 10	Ballroom
2122	Dec. 10	La Cana
5500	Dec. 15	Ballroom
1600	Dec. 16	Ballroom
4100	Dec. 16	La Cana
2463	Dec. 22	La Cana



THE BEST CHRISTMAS GIFT of all, says Helen Cristofano, 3153, is your purchase of Christmas Seals. You give to fight tuberculosis!

Sandia Official at Management Course

Robert E. Poole, Sandia Corporation Vice-President in charge of Development, last month completed a week-long session of Executive Communication course sponsored by the American Management Association.

This was the second session of the course, the first being in April of this year. He plans to attend the final meeting in March, 1956.

The AMA Management Course focuses on the understanding of basic human problems which underlie all communications. It is conducted at the Sheraton Astor Hotel in New York City.

Seeking Students to Form Radar Class

Plans are again being made by several Sandia Corporation employees to organize a radar class to meet outside of working hours.

Similar to a course taught last fall, this class will be held in Bldg. 849. Hours of instruction, selection of an instructor and other plans will be completed when enough students are enrolled to make the class feasible.

Anyone interested may call Homer Messenger, ext. 25150.

2 Superintendents Trade Positions

Two superintendents in the 2000 organization will trade jobs the end of this month.

Frank H. Longyear will become Superintendent of Production, 2200, and R. J. "Jack" Hansen will be Superintendent of the Model Shops, 2100.

Within the 2100 organization there will be further changes. John E. Tillman, manager of the Electronics and Specialties Department, 2120, will take over the Control Department, 2110. This department was recently vacated by John Gray who rejoined Western Electric Company.

Replacing John Tillman will be Charles E. Runyan, who has headed the Technical Services Department, 1940. Charlie has a varied background in the engineering side of the Laboratory and will now be heading one of the two operating departments of the shops.

The Mechanical Department, 2150, will be headed by Walter Hall, who fills the position left vacant by the recent termination of John Risley. That appointment was effective Nov. 15 and the others take effect Dec. 1.

Quick Action by Safety-Conscious Employee Averts Dangerous Fire

Safety-minded employees and adequate safety devices averted what might have been a serious fire in the plastics laboratory last week.

Wiping up resin drippings with a cloth moistened with acetone, a worker accidentally brought the cloth too close to a heat gun being used by another employee in an adjacent work space. The heat gun, similar to a portable hair dryer, ignited the acetone-soaked cloth.

Dropping the cloth on the metal table, the employee jumped back and quickly pulled the fire alarm as the heat gun operator turned off the electricity and stepped back from the flame.

The can of acetone sitting on the

table by the burning cloth caught fire, but a fusible link in the top of the can closed quickly, extinguishing the blaze. By the time the fire department arrived the emergency was past, even though the run was made in record time.

No damage was reported except for a small burn on the first employee's hand. After emergency treatment at the First Aid station he continued working.

Safety Assurance Director A. Burton Metzger, while pointing out that the heat gun and the volatile material should not have been used so close together, praised the quick thinking and timely corrective action which prevented more serious damage.



"ADMIRAL" Fred Schmidt contemplates testimonial given to him at recent banquet at Salton Sea Test Base by supervisors of Department 2480, and Division 5214. Looking on is Ted Sprink, department manager of 2480.

Julian C. Moody Author of Surface Plate Article in Recent Issue of Tool Engineer

An article, "How To Calibrate Surface Plates In The Plant," written by Julian C. "Joe" Moody, 1651, appears in the October issue of *The Tool Engineer*, official publication of the American Society of Tool Engineers.

The article describes a practicable method of accurately calibrating surface plates within an industrial plant, a method employed by the metrology laboratory of Sandia Corporation.

One company which manufactures surface plates (heavy granite slabs used as a reference "flat" surface in standards work) has ordered several thousand reprints of the article for distribution throughout industry.

Moody's calibration method, and accompanying table of reference points, is regarded as an important improvement over previous systems.

Acknowledgment is given in the article for the technical assistance rendered by Joseph M. Bunch, 1651, A. R. Darling, formerly of Sandia Corporation, and William F. Carstens, 1923.

Moody's appointment to the Advisory Consultants Committee of the Dimensional Standards and Metrology Division of the American



Julian C. Moody
—metrology expert—

Ordnance Association was also announced this week.

In addition to the *Tool Engineer* article Moody has recently written an article for the *American Machinist* and presented a paper before a symposium at the National Bureau of Standards.

SANDIA LAB NEWS

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Published every other Friday for the employees of Sandia Corporation, contractor to the Atomic Energy Commission.

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Telephones: Sandia Base Extension 25253 or 26135



Show Window of America

If you live in a city for a long time: New York, Dallas, San Francisco, the seasons are very much the same. Other than the fall of snow, spring rains, or the glint of summer suns on a window pane near the river, the stately march of the year is reflected very little in the well-ordered metropolitan scene.

But the shopkeepers of Fifth Avenue, Elm Street, or Market Street mark the seasons! Thus spring brings a flurry of frilly dresses; summer, its swim suits; and fall, a show window filled with corn stalks, autumn leaves, pumpkins fat and yellow. May-be a stuffed turkey.

Perhaps America is like Democracy's show window. Here the world places the best of everything it has to offer. Here, despite the carping voices of her critics, America displays the highest standard of living, the world's most tolerant peoples, the world's most beautiful countryside. And all of this . . . is Free.

The decorations? . . . pearl fogs sifting across the Golden Gate at height of summer, combines standing silent in Kansas' golden wheat fields after harvest, flame of maple leaves across a slumbering New Hampshire hillside, scurry of flamingo wings in a Florida swamp.

America is all of these things. And a good deal more. For this we should be thankful.

Safe Driving Day Dec. 1

President Eisenhower, in proclaiming the nationwide observance of Safe Driving Day on Dec. 1, has emphasized two aspects of the drive against traffic accidents in this country.

First: The national concern over the traffic problem has given rise to the belief that one solution lies in a strong appeal to mass sentiment and action.

Second: There is the conviction that traffic accidents can be prevented by this organized mass attack.

Just how serious is the traffic accident problem in this country?

Last year, some 36,000 people were killed, 1,250,000 injured in traffic accidents. The total cost of these accidents was \$4,400,000,000.

While the curve of the traffic death rate has shown sporadic upward spurts — as in the pre-war jitters and the post-war jubilation — it has shown an overall downward trend during the past 10 years.

Despite increases in population, travel and motorists, the death rate last year was the lowest on record: 6.4 persons for every 100 million miles of travel.

Can the 24 hour S-D Day attack on the traffic problem produce any more tangible results? On S-D Day last year, a comparison was made between the number of accidents which occurred on that day with those on that day of the previous year. A reduction in traffic deaths of 15 per cent resulted, according to the President's Committee for Traffic Safety.

The problem of human safety on our streets and highways would be solved if all of us made every day safe driving day.

Coming Events

—Theater, Art, Music, Lectures—

Friday, Nov. 18

New Vic Players in "Time Of Your Life," New Vic Playhouse, Old Town, 8:30 p. m. (through Sunday, Nov. 20).

Saturday, Nov. 19

University of New Mexico Film Society presents "Mutiny On The Bounty" (American film), Mitchell Hall, University of New Mexico campus, 7 and 9 p. m.

Sunday, Nov. 20

University of New Mexico Concert Chorus and Orchestra presents Mendelssohn's oratorio "Saint Paul," Carlisle Gymnasium, University of New Mexico campus, 4 p. m.

Saturday, Nov. 26

Albuquerque Civic Symphony Formal Ball, Hilton Hotel, 9 p. m.

Sunday, Nov. 27

Chamber Music Program, Albuquerque Modern Museum, 3800 Rio Grande NW, 3 p. m.

New Counselor

Bob Hoff, who has been insurance counselor for Sandia Corporation employees for several years, is now devoting his full time to agency work and will be traveling most of the time.

He is being succeeded in the insurance counselor's office by Bob Glass who has been working there for the past several months.

Glass will work with Bill Goodwin in assisting Sandia Corporation employees with their insurance problems. Their office is in Bldg. 829.

Retirement Fun

When Joe Omlin, fire chief at Salton Sea Test Base, retired recently he was sent off with gifts from his co-workers and plans for a full life ahead. Joe and his wife Abbie will take an ocean trip through the Panama Canal to New York next spring and then will stop by Detroit on their way back and pick up a new car.

Phoenix Philosopher

A sign on the reception desk in the lobby of Building 800 reads, "What can you expect of a day that begins with getting up in the morning?" This note of wisdom was given to receptionists Doris Welch and Velda Messersmith by a Sandia Corporation supplier from Phoenix, Ariz.

Bullet Business

Bob Kindley, 1284, is author of an article published in the November issue of *Guns* entitled, "How to cast your own bullets." Featured on the magazine's cover, the story is illustrated by Dean Heath, 5211. It discusses ways the hunter can cast his own ammunition easily and economically.

Pulchritudinous Pheasants

Tom Harrell's (2222) Pheasant Farm, subject of a *Sandia Lab News* feature story some time ago,



Thelma and Tom Harrell

was at the business end of a writer-photographer team recently, when officials of a feed company selected Tom's farm for advertising purposes. Photographs and an article will be shipped out in brochure form to dealers and farm-users throughout the country, Tom says. The Sandia pheasant fancier now has 2000 birds, is contemplating an even greater expansion shortly. Tom's birds are fat and comely, according to the visiting experts. They will use one of Tom's birds as a pheasant model in all poultry advertising.

Better Late Than—

"The man who didn't come to dinner" is the moniker tagged on A. K. Rigler, 5124. A surprise party was being held Nov. 9 by department 5120 for Rig, who is taking military leave from Sandia Corporation to begin a tour of duty with the Navy. The celebration was in high gear, when suddenly someone realized that the guest of honor hadn't arrived. After a few hurried phone calls, Rig was located and dispatched quickly to the scene.

Tin Can Technique

A new technique in do-it-yourself Christmas gift making has been introduced by rock hound George Steck, 5121. He places colorful pieces of agate and obsidian in his own tumbling equipment — a revolving tobacco can mounted on the end of a wood lathe. Then he adds an abrasive material and lets the rocks spin until they acquire a high polish. These "gems" will make ornamental settings when cut and mounted in rings and bracelets.

Social Hour Fees

All Sandia Corporation and AEC personnel eligible for membership in the Coronado Club, and who are not yet members, will pay \$1 guest fee to attend Social Hours each Friday evening, the Board of Directors has announced.

Coronado Club members are welcome to attend the Social Hours, the Directors said, and are privileged to bring non-eligible guests at any time without extra charge.



OFFICERS of the Sandialiers discuss their forthcoming songfest at the Coronado Club Dec. 13. Sandialier singers will don cowboy attire for their 90-minute program of western music. L. to R.: Bill Bailey, 2563, president; Ken Pope, 5321, secretary-treasurer; Marilyn Wright, of Albuquerque, accompanist; Al Stymiest, 2331, vice-president; Terry Riggan, 1723, director.

Crawley and the APOTA

Tom Crawley, 5221, is fast becoming Sandia's most publicized man. He appears on the cover of the November-December issue of *Ordnance* magazine, beside the now familiar APOTA, our spectacular tracking instrument. That same photograph appeared in a full-page advertisement of the Bell System in *Fortune*, *Harpers* and other magazines a month ago, and in various articles in newspapers and scientific publications.

Hawaii Vacation

Vacationing the month of November in Hawaii is Mary Agnes Van Broklyn, 2461. Mary Agnes set sail for the land of leis and pineapples Nov. 7, arriving Nov. 12; she will fly home. She was feted at a bon voyage party Oct. 21 given by Iva Adkins and Mary Beth Hayes, both of 2461, at Iva's home, 1824 Blume NE. Forty girls from 2461 were in attendance.

Attend Reserve School

Joe Lobato, 2461-2, and Donald Gunderson, 2122-2, are attending a Non-Commissioned Officers' leadership course at the Air Reserve Center, 142 Monroe NE. One of the instructors is Joe M. Sanchez, 5611-1. All Air Reservists interested in enrolling in this training course may call the

Reserve Center, Alb. 6-3591. Future classes will meet Nov. 29, Dec. 6, 13, Jan. 10, 24.

Speed Specialist

World speed setter among model airplane builders is Melvin Stone, draftsman in 1643. Mel has taken over 50 trophies for speed records, sportsmanship and instruction of younger airplane enthusiasts. He and sons, Stanley and Melvin, have designed and built "scores" of jet and gas-powered models, still own about 80. They even manufacture their fuel, the principal ingredient being nitro methane. In 1949 two world speed records were established by the trio: 147 m.p.h. in large motor division; and 126 m.p.h. in intermediate motor division. A U. S. model aviation speed record for a jet plane, 172 m.p.h., set by Stone in 1949, held for three years.

Thanksgiving Wedding

Laurence J. Chavez, 2353-3, and Epi Baca, of Albuquerque, have completed plans for their marriage Thanksgiving Day in the Sacred Heart Church. A nuptial mass will be sung at 9 a. m. A dinner and reception will follow at the Knights of Columbus Hall. After a honeymoon to Mexico City, the couple will reside at 1725 Eucariz SW.

California News

From Sandia's Field Office, Beverly Hills

Some of the personnel in the Los Angeles area have purchased new home in the past two months. Adrian J. Swain, 2545-4, and family are now settled at 6620 Teesdale Ave. in North Hollywood. Lester O. Wieke, 2545-4, and family are now at home at 2538 Lincoln Ave., in Burbank.

Julie Terlesky, 2554, has recently completed a course in First Aid training. Julie has found the course so interesting that she has decided to teach others. She began training classes Nov. 3.

Harry L. Hahn, 2545-4, and Gerry Hahn, 2554, celebrated their 24th wedding anniversary Oct. 31.

A decorating task has been undertaken by Mary Schutte, 2554, and her sister who are renovating their new apartment at 832 S. Oxford Ave., Apartment 208, in Los Angeles.



HALLOWEEN at Salton Sea Test Base found these youngsters: Dennis Schnarr, Sally McNabney, and Linda Chevalier, playing "Apple on a String." The party was arranged by personnel of San Felipe lodge and the Base Mothers.

Indians Had Thanksgiving Days Ages Before Pilgrims Gave Thanks in 1621

Days of thanksgiving are not new to the peoples of the world and the American Thanksgiving Day of the Pilgrims is not the only one known in this country. Indians had days of thanks which pre-dated the Pilgrims observance by perhaps thousands of years.

"After the thunder sleeps" in early November, Navajo medicine men begin day-long chants to mark the passing of the old year.

In formalized ritual, the shamans have gathered for centuries to sing chants which celebrate the gathering of harvest. The Navajo observance takes place after the first frost, a sort of Thanksgiving to a great power who has brought them through another year.

To signify tribal gratitude, the medicine men at sunrise create Navajo sand paintings on the kiva floor. They remain until sunset and then are wiped out. Darkness may not fall on the Navajo's talk with God, they believe.

The concept of Thanksgiving is not purely American. It has been cele-

brated by all races since man adopted his first religion.

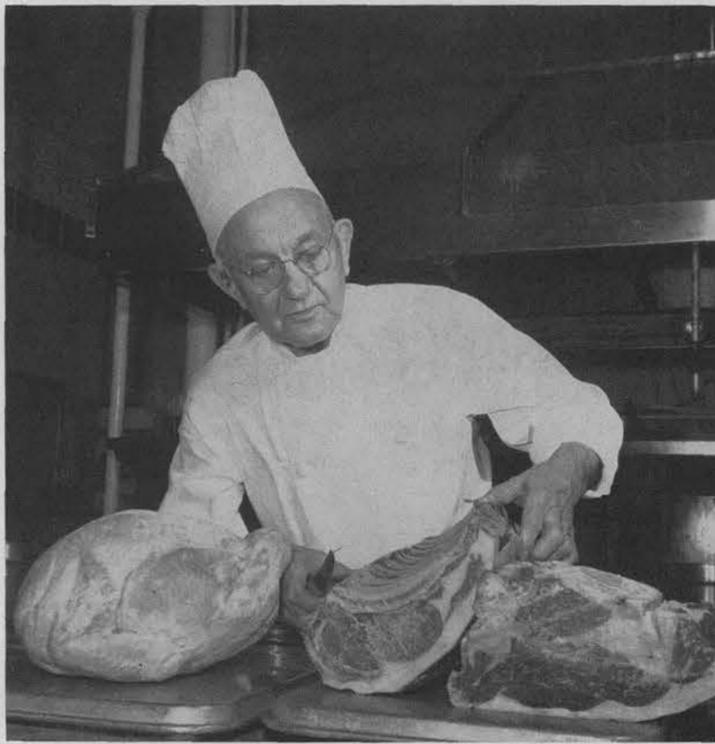
Sept. 24 is Thanksgiving Day in Constantinople, a commemoration of the victories of the Emperor Constantine. July 21 is set aside as "Thanks Day" in Alexandria, Egypt. England has celebrated for many years a day of thanks for the destruction of the Spanish Armada.

In New Mexico the Zuni tribe closes each year with Thanksgiving rites, the great Shalako Dance. The Shalakos, giant messengers of the rain gods, dance for 24 hours wearing 6 to 14-foot headgear.

Each Pueblo Indian year terminates with the harvest. It is the season when winter people assume command of Pueblo activities. When the "sun turns back" fiestas are held in San Felipe, Taos, Jemez.

New Mexico Thanksgiving dances antedate the "original" Thanksgiving of 1621 by many years. President George Washington proclaimed a day of thanks in 1789 for the adoption of the Constitution. In 1863, President Abraham Lincoln set aside a day of Thanksgiving to "subdue the anger which has produced and so long sustained a needless cruel rebellion."

Ultimately Congress appointed the fourth Thursday in November as a day of Thanksgiving.



THANKSGIVING FEAST at the Coronado Club will be prepared under the watchful eye of chef and gourmet, Ed Schultz. Here he begins work on two of the day's three specialties, roast turkey and prime rib of beef. Fried chicken will also be on the menu.

Special Dinner Thanksgiving Day At Coronado Club

A special Thanksgiving Day dinner, with a choice of three entrees will be served at the Coronado Club Nov. 24 from 3 to 7 p. m., according to John Taylor, Club manager.

Table service will be offered, and Coronado Club members are urged to bring their families and guests. The dinner is priced at \$2.75 per plate; no guest fee will be charged, Taylor said. Children's plates will be \$1.50.

Promotions

EDWIN F. JOHNSON, to supervisor of the Major Assembly Release Section, 1634-2, Standards Engineering Department.

Ed joined Sandia Corporation in January, 1952, as an electrical engineer in Quality Assurance, transferring to Standards Engineering in July, 1954.

Previous employment was with the Westinghouse Electric Co. in the firm's meter division, Newark, N. J., where he was relay engineer and central stations engineering consultant for six years.

In 1945 he was graduated from the University of New Mexico with a B. S. degree in electrical engineering under the U. S. Navy's V-12 program. He spent the following year and one-half on active duty as a Navy ensign.

Ed was a member of the collegiate chapter of Kappa Mu Epsilon, mathematics honorary. He is presently a lieutenant junior grade with the local Naval Research Reserve 8-7 Co. and is also a member of the American Institute of Electrical Engineers.



PAUL SYROID, to supervisor of the Specific Projects Division, 1613, Test Laboratory Department.

Formerly section supervisor in 1613-3, he headed Areas 2 and 3 test activities. He has been associated with the Laboratory since August, 1950.

In June of that year, Paul received a B. S. degree in mechanical engineering from the University of New Mexico. From 1946 to 1948 he studied at Lawrence Institute of Technology, Detroit, Mich.

As an undergraduate, he was elected to Sigma Tau, engineering honorary, and Pi Tau Sigma, mechanical engineering honorary. He now holds membership in the American Society for Metals.

Paul completed four and one half years of service with the Aviation Branch of the U. S. Navy.

No job is so important and no service is so urgent that we cannot take time to perform our work safely.



Thanksgiving Day Dinner November 24 3-7 p.m.

Choice of		Sea Food Cocktail	
Chilled Apple Cider	Fruit Cup St. Jacques	Salted Nuts	
Relishes			
Choice of			
Lime Del Haven, 1000 Island Dressing Princess Salad, Roquefort Dressing			
Roast Young Tom Turkey, with savory dressing, cranberry sauce Supreme Prime Rib of Beef Au Jus Fried Spring Chicken Au Sec			
Baked Russet Potato Peas Saute		Snowflake Potato Corn O'Brien	
Hot Dinner Rolls			
Hot Mince Pie, Brandy Sauce Fruit Cake, Hard Sauce		Pumpkin Pie, Whipped Cream Vanilla Ice Cream	
Coffee	Tea	Milk	Buttermilk

Basic Electronics Class Is Offered At NM University

A five-week evening course in "Basic electricity and electronics" is now being taught at the University of New Mexico, according to William W. Olheiser, Jr., 2415-2. Two-hour classes started Nov. 15 and will continue Tuesday and Thursday evenings until Dec. 15 in the Electrical Engineering Building on the campus.

Tuition is \$12. Persons interested in enrolling may contact J. E. Kitchens, Alb. 7-0391, ext. 208. Late registrations are being accepted.

Mountain Club to Explore Lava Beds

An exploratory hiking trip to the lava beds south of Grants will be made by the New Mexico Mountain Club over the Thanksgiving weekend.

Hank Tendall, 1215, club president, asks that members interested in camping out overnight, Saturday, Nov. 26, contact George Hankins, Alb. 4-4644. If a one-day trip is preferred, it will be Sunday, Nov. 27.

Tendall was elected to the presidency Nov. 3; Zelma Beisinger, 5112, is secretary.



MISS AIR FORCE RESERVE — Darleen Engle — waves greetings from atop the nose of a jet trainer at Long Beach Air Force Base. Darleen, daughter of Max D. Engle, 2545-4, was selected for the title by Reserve units in Southern California.

Muscular Dystrophy Drive Next Week

Thanksgiving week has been designated as the period for concentrated publicity on the Muscular Dystrophy fund drive. To assist Corporation employees in contributing to this effort, canisters have been placed in various locations within the work area.

This dreaded disease, which leaves a path of misery and despair wherever it strikes, requires concentrated research and experimentation to find a means of preventing or even curing it.

In addition, money is needed to finance the patient service program—to provide clinical facilities, wheel chairs, hospital beds for home use, braces, etc.

Like polio, muscular dystrophy leaves its victims crippled and helpless, and the lack of a known cure places a severe drain on the financial resources of most families affected. Public support is badly needed.

coronado club



Nov. 18 - Dec. 3

Sun., Nov. 20 SOCIAL HOUR BUFFET MBC Trio \$2 person	Mon., Nov. 21 Open	Tues., Nov. 22 Chess Night 7:30 p.m.	Wed., Nov. 23 BINGO 8 p.m.	Thurs., Nov. 24 THANKSGIVING DAY DINNER 3-7 p.m. \$2.75 per person	Fri., Nov. 25 SOCIAL HOUR SQUARE DANCE 8:30 p.m.	Sat., Nov. 26 Organization 2300 Party 7:30 p.m.
Sun., Nov. 27 Open	Mon., Nov. 28 Open	Tues., Nov. 29 Chess Night 7:30 p.m.	Wed., Nov. 30 Open	Thurs., Dec. 1 Duplicate Bridge 1:15 p.m.	Fri., Dec. 2 SOCIAL HOUR MBC TRIO 5:15 p.m. Organization 1900 Party 8:30 p.m.	Sat., Dec. 3 2200 Party Buffet 7:30 p.m.

EVENTS



FOCUSING his lens on an insect, Bill Leslie readies his camera for the unusual hobby of photomacrography.

Bill Leslie Finds Insects Most Photogenic But Not Always Cooperative As Models

In the first few months of his new hobby of closeup, lifesize photography, Bill Leslie has taken pictures of aphids on rose leaves, wasps, moths, spiders, beehawks, worms and ladybugs.

Bill, who is supervisor of 5524-1, uses a Leica IIF to pursue his hobby of ultra-close color photographs of insect life. He employs ordinary sunlight to light his squeamish subjects.

Most of his shots are made with an F2.5 Nikkor lens adapted for the Leica mount. He uses reflex housing for focusing. Magnifications are controlled by ground glass and he varies exposures from 10 to 40 seconds at F22. He has attained a magnification as high as 12 diameters with this simple setup.

Bill tells of how one of his subjects reacted: "When he'd hear the shutter click, he'd jump and shake his feelers all over. But then he'd settle down until he heard the shutter close, when he'd jump again."

The photographer's restless models who pose for his photomacrography never willingly stand still for his photography.

Bill began his new hobby last summer, but he has continued pursuing his other hobbies: electronics (he made a geiger counter), woodworking, fishing, beekeeping and mycology—the science of fungi.

"I like to hunt forest mushrooms," he says, "and serve the biggest and most tender to my friends."

Bill says he hasn't been stung by his insect models, or by his choice of mushrooms — yet.

Mrs. Max Howarth Heads 'High Seas' Red Cross Drive

Mrs. Max Howarth has been appointed chairman of the American Red Cross "Christmas on the High Seas" program, according to Ralph S. Trigg, chairman of the Albuquerque Red Cross chapter.

Assisting Mrs. Howarth are Mrs. Frank O'Beirne, and Mrs. Henry Hamby.

The "Christmas on the High Seas" program aims at supplying Christmas gift packages for sailors and servicemen enroute on the high seas to and from the United States. Planning for the program has already begun, with packages scheduled for shipment on Nov. 29.

Packages may include photo folders, billfolds, pens, gum, pocket flashlights, key rings, cigarette cases, playing cards and the like.

Sandians desiring to participate in the program are urged to prepare packages early.

Further information may be obtained from Mrs. Howarth, or from the Albuquerque Red Cross chapter, Alb. 3-6695.

Sympathy

To Ellen Jones, 1644, for the death of her father in California Oct. 29.

To Glenn Mackie, 1643-5, and wife, Maxine, 1925, for the death of his father in an automobile accident in Estancia, N. Mex., Oct. 26.

Do-It-Yourself

Painting Around Home's Easy If You Know All The Tricks

This is one of a series of articles presented in the hope they will help the do-it-yourself fans. Advice of Sandia Corporation experts in the Plant Maintenance Department is offered here.

Based on 25 years experience in the painting field, Ron George maintains that color in the home, particularly the dominating colors of large wall areas, is an extremely personal thing, and one to which few people denote enough attention. The charm of a home, your happiness there, and the effect your home has on others depend primarily upon color, according to Ron, who is supervisor of the Painting Section, 2413-3, Maintenance and Services Department.

Consider Colors

Ron says that the color scheme for your home should be considered in its entirety, then for each room separately. "Use soft, pastel colors or grey and neutral tones in bedrooms; they're more restful. In playrooms, patio areas, living zones, utilize the more lively shades of paint, the tones that suggest action."

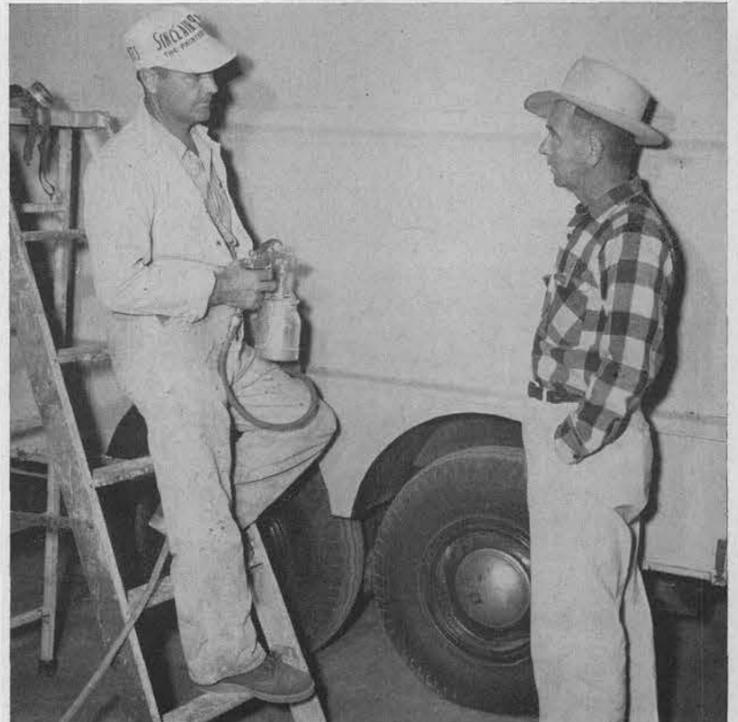
Ron reminds Sandia Corporation employees that there are certain timely trends in color, as there are in everything else, and that it would be advisable to check popular home decorating publications for latest color information before putting brush to wall.

"But autumn is the best time to paint," Ron says, "and the best paint job is done with a good brush, on a clean, dry surface, with the best paint you can buy." The purchase of paint by dollar cost alone is false economy, he says. All paint purchases should be judged qualitatively as to how thick a coat of paint can be applied over how many square yards of surface. Ron believes it is foolish to buy \$2-a-gallon paint which will cover just 200 square feet with 1-mil thickness, when a \$5-per-gallon mixture will cover twice that area to five-mil thickness.

Careful of Moisture

Other than beginning a job with poor paint, Ron George says that most paint failures are due to temperature extremes, poor ventilation, application of the paint on damp surfaces or over hidden moisture. Paint should not be applied at temperatures below 50 degrees Fahrenheit, in direct sunlight, or in rain.

Best paints nowadays, Ron reveals, —so new that most of them are employed only on an experimental basis in industry—are the new epoxies or epoxy resin-based mixtures, and the acrylic paints. Some are available in



NEWEST METHODS of painting, latest paints are discussed briefly by Ron George, supervisor of painting section, 2413-3, and Ken Stiver, an authority on use of spray guns.

Albuquerque and some are being tested here.

The epoxy paints have demonstrated an amazing resistance to all types of corrosion and weathering. Where ordinary varnishes break down after three or four months exposure, the epoxies are unaffected, showing little signs of wear after years of hard use.

Epoxies, which are manufactured in all popular colors, are better than ordinary paint mixtures because they can be tailored for the job at hand. They resist acids, corrosive materials. An epon surface cannot be burned; in fact, a cigarette left on an epon surface will burn the wood underneath, but not the paint!

Try Acrylic Paints

For masonry paint jobs, Ron says, acrylic paints are the best protective surface known to science. The paints are unusual in that they are water soluble, yet after drying, are imper-

vicious to water. They will not fade, are flexible, offer a good interior and exterior paint surface with short-time drying characteristics.

Ron advises Sandia do-it-yourself painters to start at the top and work down. Paint the roof first, Ron says, then the walls; later, the trim and doors.

"And when you're on the roof, look over your air-conditioning unit; it will absorb a beating during the winter. Locate the places where the metal is beginning to rust; sand these down to the bare metal, then paint with neoprene paint."

Ron George, Sandia's expert on painting matters, is a native of Muskogee, Okla., and has spent all his life in paint contracting activity. He is married, lives at 205 Texas NE with his family which numbers five sons: Donald, a University of New Mexico student, Patrick, Tony, Mike and Tim.

Joe Omlin Retires After Service at Salton Sea Base

Joseph Omlin, supervisor of the Fire and Safety Section 2482-2, Salton Sea Department, entered retirement Nov. 4.

Mr. Omlin has been associated with Salton Sea Test Base since Nov. 2, 1949, when he came to work for the Atomic Energy Commission as a fire fighter. He became fire chief in March, 1950, when Sandia Corporation assumed operation of the base.

Earlier employment was with the U. S. Government at Torney General Hospital, Palm Springs, Calif., as fire prevention chief, and with the City of Palm Springs, as a license inspector and sergeant of police.

Born in Fredrikstad, Norway, Oct. 30, 1887, Joe Omlin received his schooling in Obwalden, Switzerland. He served with the U. S. Cavalry from 1911 until 1919, discharged with the rank of first lieutenant.

A Californian for many years, Mr. Omlin and his wife, Abbie Omlin, are retiring to their coastal home in Costa Mesa, Calif. Mrs. Omlin, local Salton Sea switchboard operator, 2481-1, also left Corporation employ Nov. 4, completing three and one-half years of service.

Four New Chairmen Named for Council

New committee chairmen in the New Mexico Council of Technical and Scientific Societies are Allen F. Hurford 5331, A. Richard Charlton 5213, Raymond L. Brin 1241, and James C. O'Neal 5511. They were appointed early in November by council president, Nicholas Sannella, 5424.

Hurford, representing the American Society for Quality Control, is Joint Program Coordinator. He will help arrange meeting schedules and dates and also promote greater attendance at meetings featuring outstanding guest speakers.

Charlton, Instrument Society of America, heads the membership committee to encourage formation of new societies and their membership in the joint council.

Brin, American Society of Mechanical Engineers, is chairman of the education and guidance committee which promotes interest of high school and college students in engineering and the sciences. O'Neal, Society for Non-Destructive Testing, is entertainment chairman.

Congratulations

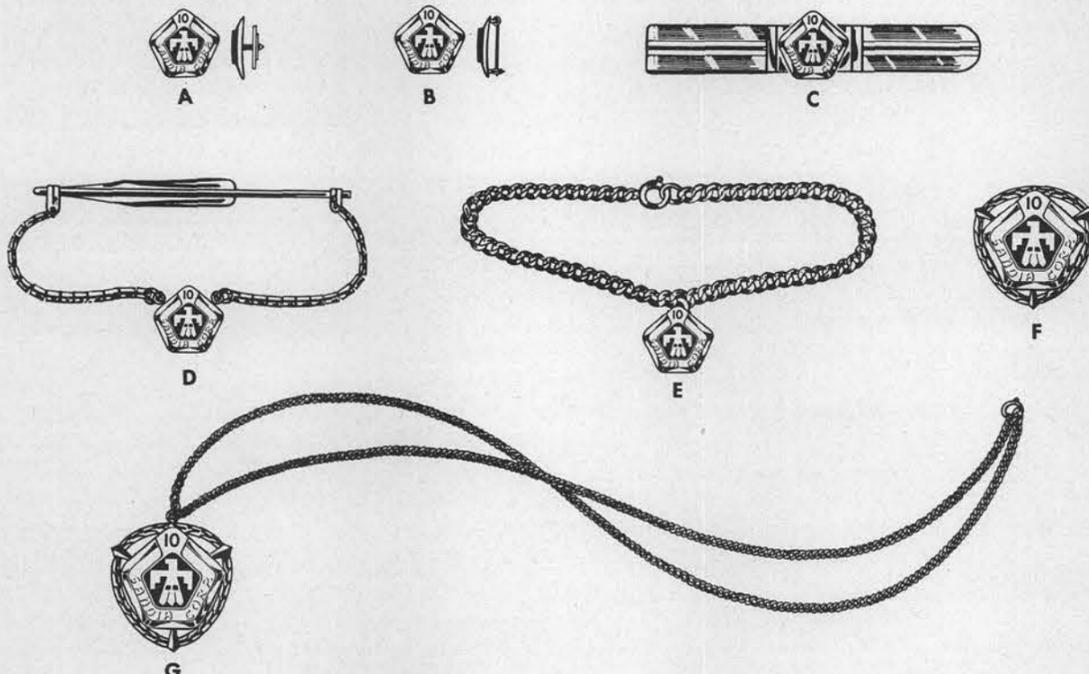
BORN TO:

Mr. and Mrs. Howard L. Davis, 1611, a son, Brian Lewis, Oct. 31.

Mr. and Mrs. Bill Laskar, 2462, a daughter, Vicki Anne, Nov. 4.

Mr. and Mrs. Adenago Perea, 2232, a daughter, Nancy, Oct. 21.

Mr. and Mrs. Dave Tarbox, 2350, a son, Robert Charles, Nov. 3.



JEWELRY OF DISTINCTION, featuring the newly-adopted Thunderbird emblem, will soon be worn by a number of Sandians who have 10 years or more service with the project. Questionnaires for selecting the jewelry of their choice went out last week to all the old timers who will pass their 10th anniversary within

the next six months. The jewelry consists of: A. lapel button, B. pin with safety clasp, C. tie slide, D. tie chain, E. bracelet, F. brooch with safety clasp, and G. necklace with pendant. The five-year pins, to be awarded about the first of the year, are like A and B except for the numeral.

AOA Grants Post Status to Chapter In Albuquerque

The Albuquerque chapter of the American Ordnance Association was accorded Post status by the national organization Nov. 1, reports Larry Snodgrass, 1631, secretary-treasurer.

Acting Post president Col. Charles Begg, Kirtland Air Force Base, has organized committees to prepare a draft of a constitution and by-laws and to prepare a slate of nominees for Post offices. A report will be given by this committee at a business meeting Dec. 8, the meeting place to be announced later by meeting chairman, W. W. Juvenal, AEC.

The Rio Grande Post of El Paso, Tex., has invited Albuquerque Post members to attend a dinner meeting in El Paso Wednesday, Nov. 30, and a demonstration at White Sands Proving Ground, Thursday, Dec. 1. Invitations, to be mailed to members, will give details on making reservations with the Rio Grande Post.

Professional R Group E Activities

Antennas—Microwave

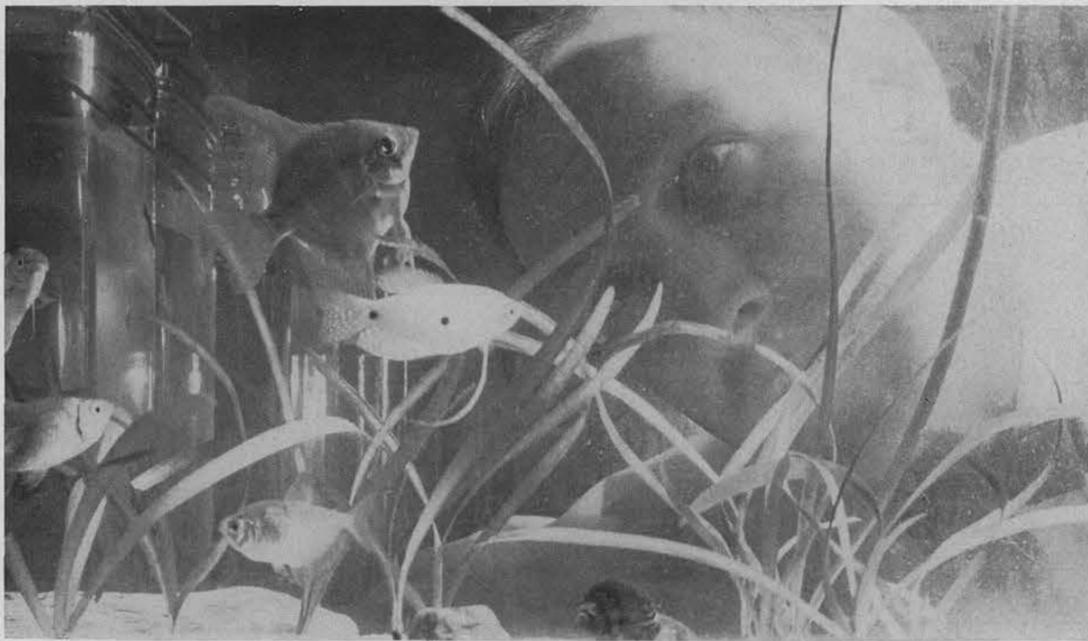
The IRE professional groups on antennas and propagation, and microwave theory and techniques will meet jointly Nov. 21, in Room 217 in the Electrical Engineering building on the University of New Mexico campus. Time of the meeting is 8 p. m.

Frank Janza, 5412, will speak on "A Review of CW and Pulse RF Power Measuring Techniques."

Circuit Theory

The professional group on circuit theory will meet at 7:30 p. m. on Nov. 23 in Room 218, Mitchell Hall, University of New Mexico.

A taped script, "Transistors in Negative Impedance Circuits," will be presented by J. G. Linville, transistor research specialist of the Bell Telephone Laboratories, New York.



"COLOR, VIBRANT BEAUTY AND WORLD OF ACTION"—this is the home aquarium as seen through the eyes of Warren Taylor. Warren, a physicist, is one of 20,000,00 fish fanciers in this country.

The Inquiring Reporter Asks:

For What Are You Most Thankful?

W. R. LUXFORD, 2225: Everything, in general; in particular, the improvement in my wife's health. I'm only sorry that I can't see my boy, Tink, perform as drum major at the Bulldog - Highland game Thanksgiving Day; I have to referee in Clovis.



MILDRED ALEXANDER, 5413: I'm grateful that all members of my family are together after four years' separation. My parents can enjoy their two grandchildren. I'm also grateful for the many friends we've made in Albuquerque.



LORENA SCHNEIDER, 2610: The very fact that we set aside a Thanksgiving Day on which we can pause and reflect on the many blessings we have received during the year. I am healthy and free from worry. I couldn't ask for more.



EDWARD A. BROWN, 1342: How wonderful it is that my family and I are privileged to live in an energetic, progressive and compassionate country, striving to preserve our freedoms and bring peace to all the peoples of the world.



RICHARD A. BICE, 5200: The very positive approach the United States is assuming in its foreign policy is very gratifying to me. Positive leadership is the only way we can contribute to an environment that will foster world peace.



ARTHUR JONES, 2464: It is hard to put in words. There is so much we take for granted. But I suppose I am most thankful for my family's happiness. My wife and I have three healthy daughters, Randi, Priscilla and Barbara.



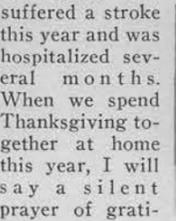
KENNETH McNABB, 2417: To be in America. How could I be less than grateful for this — to be part of a nation which allows us the right to worship, believe, work, live, according to our individual choice.



CHARLES W. CAMPBELL, 1900: In a personal way I am thankful for a lovely wife and three wonderful children. In a broader sense I am thankful that more people are seeking an understanding of the problems of others. I believe we should all ask God's help to become more tolerant and understanding of the opinions and philosophies of others.



LEO WHITE, 5351: I am most thankful to God that my mother is still alive. She suffered a stroke this year and was hospitalized several months. When we spend Thanksgiving together at home this year, I will say a silent prayer of gratitude.



WYNONA DURHAM, 1923: I am expecting my first child. I will be most thankful for this on Thanksgiving. I love living here in the Southwest. What a marvelous and beautiful land in which to raise and educate a child.



Taylor's Zebras and Tetras Are Beautiful But Cannibalistic

Unlike many of his fellow tropical fish enthusiasts who consider their blue gouramies, Chinese barbs or highly-prized neon tetras as money in the tank, Warren Taylor raises these finny friends just for the fun of it.

As one of the 20,000,000 tropical fish fanciers in the United States, he will readily tell you about the colorful beauties with scaly torsos and sinuous fins that decorate his home aquarium at 5123 Royene NE.

Warren nurtured a longing to breed the small fry since a youth in South Bend, Ind., where summers found him seining the local variety from the St. Joseph River.

In the fall of 1952, after a move to Albuquerque, he finally succumbed to the lure of the tropics and acquired some red moons, guppies, and wagtailed platies, popular live-bearers whose young are born alive, and egg-laying zebras.

Fish Need Space

The aquarist soon learned that the fish would need roomy living quarters and pleasant surroundings. He purchased a five-gallon tank and built an air pump to distribute oxygen more evenly and prevent water from stagnating. Then to create an air of domesticity, he filled the tank

with various aquatic plants which suggested a natural habitat.

With the ground work laid, he began to enlarge his hatchery to some 20 species which included angelfish, rosaceous and flame tetras, blue and dwarf gouramies, swordtails and barbs.

He added 10 and 20-gallon tanks and a number of battery jars to his equipment when, in only a short time, he discovered some alarming facts about the breeding and feeding habits of his ever-growing family.

Prolific Cannibals

First of all, he found automatic multiplication among many of the live-bearers who, with no particular trouble, propagate broods every four weeks and depending upon size, health and breeding conditions, might have from two to 200, although usually average about 20.

Secondly, many of the tropicals are cannibalistic. Parents have absolutely no qualms about gulping down junior, and the young have to be placed in a tank of their own to insure their survival.

Once these surplus small fry are out of the way, the adult tropicals board at the Taylors are content with prepared dried foods or a mixture of strained spinach, liver, pabulum and egg yolks. Also rating top billing on their menu

are white earth worms raised by Warren.

Another important factor in the health picture is the water used in the tanks. Even the toughest hombies cannot adjust to chlorinated or slightly acidic water. A healthful tank, cleaned often, maintained at a reasonably constant temperature in the 70's and regulated with a systematic flow and aeration of the water, aids the tropicals' well-being.

Joins Association

"Difficult spawning of some egg layers and breeding of highly selected strings are a continual challenge," expounds the physicist from the Experimental Weapons Department.

To learn more about his hobby, Warren has joined the Albuquerque Aquarium Association. He is currently Librarian, last year was editor of the association's monthly bulletin. He assisted the group in preparation of its annual state fair exhibit viewed by an estimated 50,000 spectators.

With the support of such enthusiasts, there is ample reason why the business of rearing the tropicals has advanced by leaps and bounds in recent years. It is even rated by some as the third most popular hobby in the United States today. And with a mated discus pair bringing over \$100, these aquarists are finding their pastime not only exciting, but unlike Warren, surprisingly profitable.

Sandians Who Serve

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

Executive Officer of the 9174th Air Reserve Group under the Albuquerque Air Force Reserve Center is C. J. "Mac" McGarr, 2330. As second in command to the Group Commander, Mac is responsible for operations of the Group staff for the Reserve organization, numbering about 620 officers and airmen.

The 9174th Group has two squadrons in Albuquerque, two in El Paso, Tex., and one in both Santa Fe and Roswell, with flights located at Los Alamos, Farmington, Springer, Hobbs, Carlsbad, Alamogordo, Deming, and Las Cruces.

The Group has greatly expanded its number of units and personnel in the past two and one half years, says Major McGarr. He has been with the 9174th since 1951, having served as flight commander and Group training officer. He took over his present assignment in 1953.

During the war, Mac served four and one half years as a Medical Administration Corps officer, and following his discharge in 1946, re-



Major C. J. McGarr —service in Reserve—

mained in the Army Reserves until 1949, when he transferred to an Air Force Reserve organization reporting to the Special Weapons Command in Albuquerque.

He and his wife, Frances, and their eight-year-old son, Cuvier Allen, live at 902 Rio Vista Circle SW.

Technical Writers

"Writers, Publishers and University Presses," will be the subject of an address given by E. B. Mann to the Albuquerque Society of Technical Writers, Monday, Nov. 21. The meeting will be at 7:30 p. m., in the Coronado Club.

Mr. Mann, well-known author and editor, has been director of the University of New Mexico Press since 1949.

Society members and guests should make reservations with Justin Heine-man, ext. 21148.



"ALRIGHT, ALRIGHT, I'M COMING RIGHT DOWN!"

shopping center

CLASSIFIED ADVERTISING

Deadline: Friday noon prior to week of publication.

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

Next Deadline: Noon, Nov. 25

FOR SALE—

HOT WATER HEATER; automatic, gas, \$10; gentle gelding, ideal for children, \$40. Heckman, Alb. 4-3054.

FARM, 6 ACRES, north valley, 3 BR house, den, 2 baths, stables chicken houses, high down payment, terms. Brodsky. Alb. 4-1753.

ELECTRIC HEATER, portable, fan driven, 1300 watts, practically new. \$11. Shunny, Alb. 5-2005.

NORTHLAND SKIS, hickory, metal edges, 6'6". Beisinger, Alb. 5-3117.

COLT AUTOMATIC PISTOLS and revolvers, modern, sell or trade for unusual automatic pistols. Morgan, Alb. 6-9637.

TWO BR. HOME, near school, close to shopping, bases, bus, low down payment, wall, landscaped, attached garage. Smith, Alb. 6-1605.

GUNS, RELOADING EQUIPMENT, components. MacArthur, Alb. 6-6367 evenings.

THREE BR HOME at 3225 Madiera NE, furnished, wall sprinklers. McMillan Alb. 4-1640 after 5:30 and weekends by appointment.

'52 HARLEY DAVIDSON, windshield, saddle bags, crash guards, buy equity and take over payments. Dobias, Alb. 6-9235.

TV, AIRLINE 12 1/2-in, with antenna, \$35. Thompson, 817 Amherst Drive NE. Alb. 5-5282.

LIONEL 0-27 FREIGHT TRAIN set, 5 cars, caboose, 2 switches, 2 remote controls \$20; Encyclopedia Britannica Jr., 1951 set \$50. Howard 700 California SE, Alb. 6-2525.

REMINGTON REVOLVER, 1858 model cap and ball, hand carved holster, excellent shooting condition, \$95. Brewster, Alb. 6-1479.

BARCA LOUNGER, light tan plastic upholstery \$110. Smeltzer, Alb. 5-4784 after 5:30.

BABY CRIB AND MATTRESS, clean, \$15. Nelson, Alb. 6-6300.

LIONEL TRAIN, engine, tender, 3 cars, transformer, track layout on 4x8 plywood, \$25. Hobart, Alb. 5-7815.

TWO SNOW-MUD TIRES, white sidewalls; Firestone re-cap less than 200 miles, 8:00x15 on 5-lug wheel, all for \$40. Cotter, ext. 2-1185.

.270 BSA SPORTER MONTE CARLO type stock, \$65 or best offer. Burks, Alb. 6-9431, 10015 Stevens NE.

1952 EDITION New Standard Encyclopedia with yearbook \$50. Hale, Alb. 4-1558.

CUB SCOUT UNIFORM, almost new, size 10. Robinett, Alb. 5-8040 after 5.

CLYMER CRASH HELMET, size 7 1/2, used 5 times, cost \$27.50, sell for \$15. Sisler, ext. 25173.

TV, CROSLEY, 20-in, table model, wrought iron turn table \$85. Garcia, see at 7521 Arvada NE.

PIANO, BLOND SPINET in good condition. Maloney, ext. 31279.

4 BR HOUSE, patio, wall, landscaped, Kiva add'n, make offer; 1953 Dodge Meadowbrook, 4-dr, r&h, w/w tires. Kaspar, ext. 47287.

BATTERY, HEAVY DUTY, \$3; tire, 7:10 x15 \$12; cap and ball rifle, \$15; engraved revolver \$12. Smitha, Alb. 6-9493.

1952 STUDEBAKER COMMANDER, r&h, od, recently overhauled, good tires \$635. Dauphinee, 1005 Arizona SE, Alb. 5-6367.

'49 HUDSON 6 COMMODORE, 4-dr, sedan, r&h, od, Prestone, \$175. Hernon, Alb. 6-8269.

ELECTRO-VOICE SP8B, Co-ax loud speaker and Baronet corner folded horn enclosure \$45. Pearlston, ext. 55235.

'49 PLYMOUTH \$250. Madsen, ext. 3-3166.

42-BOOK VOLUME ON ETHNOLOGY (Smithsonian Institute) dating from 1883 to 1911, \$40. Deeter, Alb. 5-5789.

AUTO TOW BAR \$6, works good. Shaum, Alb. 5-1904.

HIGGINS BICYCLE FOR GIRL, 24 in, thorn proof tubes \$18; Golf clubs and bag, Spaulding \$65, 10 irons, 4 woods, balls and tees. Betances, 8000 Zuni Road SE, Alb. 9-0038.

HEATHKIT TUBE TESTER \$20; pocket slide rule \$2.50. Porter, Alb. 6-6290.

1952 HOUSE TRAILER, 31-ft., butane tanks, overload springs; also 1953 Cadillac coupe, R&H, accept trade in. Hauquitz, Alb. 4-2381.

JAP SAMURAI sword, bayonet and flag, \$30, or will trade. Zaluga, 4-1564.

GAS RANGE, Pfeffer, Alb. 6-3200 evenings.

GYM SET, children's, \$25 or best offer. Perea, Alb. 5-6902 after 5:30 p. m.

2 BR HOUSE, walled, \$8,000 total price, with \$175 to qualifying GI. Hall. Alb. 6-6737.

TV SET, Motorola portable, leatherette covered. Palkovic, Alb. 6-4196.

RECEIVER, Hallicrafters S-53, brings in amateur bands to 6 meters, \$50. Woffinden, Alb. 6-4852.

WASHER, Bendix Automatic, \$35. Brown, Alb. 3-0717.

TYPEWRITER, Underwood portable, \$45. Mary Murphy, ext. 20238.

RIFLE, .22 CAL., repeating pump, Remington, Model 12, \$25. Jones, 1605 San Pablo SE, Alb. 5-8144.

MOTORCYCLE JACKET, black leather, size 40, \$6. Couden, Alb. 6-0709.

ARTIST'S EASEL, \$2. Jackson, Alb. 6-0318 afternoons or evenings.

TIRE, NEW, TUBELESS, 7.10x15, 4-ply, B. F. Goodrich Silvertown, \$29 or best offer. Padilla, Alb. 2-6867.

DRAPES, LINED, 83-inch length, two matching widths, 120-inch & 72 inch, rose color, \$50. Cordaro, Alb. 5-0532.

REFRIGERATOR, FRIGIDAIRE, 7-cu-ft., \$50; also tank type vacuum cleaner with all attachments, \$15. Czerner, Alb. 6-5753.

BABY STROLLER, \$5; teeterbabe, \$4; Babytenda high chair, \$5. Baxter, 5-6050.

'52 BUICK ROADMASTER SEDAN, new tubeless tires, r&h, low mileage, see to appreciate, \$1150. Hopper, ext. 46157.

HI STANDARD 22, \$35, or trade for Win. Mod. 61 or 73. Gregory, Alb. 5-8066.

BOND 5-FT. DARK GRAND PIANO, owner will have it moved and tuned, \$295. Martindale, Alb. 5-9440.

'54 FORD V-8 RANCH WAGON, r&h, od, tubeless tires, \$1495. Meyer, Alb. 6-3926.

UTILITY TRAILER, 4x7, good tires, make offer. Wiesch, ext. 33165.

WANTED—

TO JOIN CAR POOL from vicinity of Candelaria and Parsifal Street. Maase, Alb. 6-8450.

RIDE FROM 1700 block on Silver, Coal or Central SE to Bldg. 832, Blanche Callaway, Alb. 7-8243 or ext. 37243.

WILL BABYSIT in your home. Mrs. Aberg, Alb. 5-8323 after 5 p.m.

BOY'S BICYCLE, 24-inch. Schorr, Alb. 5-7234.

JOIN CAR POOL from Utah and Indian School Rd., in Snow Heights to Medical Bldg. Sinnott, Alb. 6-5338.

RIDERS FOR CAR POOL from San Pedro and Trumbull vicinity to Bldg. 880 parking lot. McEwin, ext. 21265.

RIDE FROM 2733 GRACELAND Drive NE to Bldg. 802, Doris Hutchinson, ext. 47236, or Alb. 6-0343.

RIDE FROM 225 SOLANO NE to Bldg. 892 or 880. Pat Scoggins, ext. 22255.

GIRL'S 26" BICYCLE. Matlock, Alb. 6-7371 after 5:30 p.m.

TO FORM OR JOIN car pool from vicinity Bel Air or Carlisle Plaza to vicinity Bldg. 800. Jack Tischhauser, ext. 4-7152.

JOIN OR FORM CAR POOL, vicinity Wyoming and Menaul to Bldg. 800 or Personnel. Bob Lynes, ext. 4-7152.

TO JOIN CAR POOL, from 3505 Alvarado NE to 802. Trujillo, ext. 22163.

7:00x16 or 7:50x16 tires. Wiesch, ext. 33165.

FOR RENT—

2 BR FURNISHED APARTMENT, new furniture, available Nov. 12. Pasko, 1919 Hazeldine SE, Alb. 5-3309 or 6-0534.

FURNISHED EFFICIENCY apartment, utilities paid, 2 blocks to bus. Wilson, 305 Cardenas NE, Alb. 5-2836.

EFFICIENCY APARTMENT, close to bus, Base, shopping center. Bell, Alb. 6-3078.

LOST AND FOUND—

LOST Elgin watch. Call Don Lovato, ext. 36232.

FOUND: Hunting boots with zipper, also light blue parakeet. Call Bascom, ext. 26149.

Caravan Club Meets

The Amateur Radio Caravan Club of New Mexico meets Nov. 23 to tour the Plains Electric power plant at Algodones. Members are asked to meet on the air at 29.6 mcgs. at 7:30 p. m.

The trip will be made in caravan. All mobile radio amateurs are invited. On Nov. 30, a technical film will be shown at the Lovelace Clinic at 8 p. m. Members are asked to assemble on the air at 7:30.

John Morgan Likes Automatics; So He Keeps 85 In The House

Although John Morgan of 2531 wasn't allowed to own a gun until he was 14, he's made up for it since then. He's bought himself 85 automatic pistols, now has the largest such collection in the state. It's valued at more than \$3,000!

John, a production planning engineer, began his collection in 1930 with a Stevens "crackshot" single-shot rifle. But he discovered — after seeing a Hollywood movie version of the First World War — that he had started collecting the wrong weapons. He got rid of the rifle; then began picking up Lugers, Colts, similar automatic arms.

Outstanding gun in his collection is a Borchardt pistol, predecessor of the world-renowned Luger. The Borchardt was an American invention which was later improved by Luger engineers. The 9 mm (.38 caliber) Luger is a semi-automatic with toggle-link recoil mechanism. Its operation and handling vary greatly from other makes.

Apart from Lugers, John has collected representative automatic pistols from almost every international weapons manufacturer. He has attempted to trace the growth of automatic weapons with hand guns from each country.

He owns a French La Francaise, an English Webley, several German, Italian, and some Japanese guns. Of course he also has a remade version of the Frontier Colt revolver. He rebuilt that one from junk, and it's now in mint condition, as are all of his weapons.

"The dry New Mexico climate keeps them in good shape," John says. He test fires each gun regularly at a ranch in the Manzano mountains.

John is a native of Pittsburgh, Pa. He and his family live at 2804 Truman NE. He has been a Sandia Corporation employee since January, 1955.

ONLY A FEW of John Morgan's extensive collection of automatic pistols are shown here. He holds two Frontier Colts revolvers which he rebuilt himself.



Radio Club Members Sell Surplus Gear At Dec. 2 Meeting

Surplus radio and electronic equipment will be auctioned by the Sandia Base Radio Club, Dec. 2, according to club president, Lloyd Melick, 5424. The auction, to begin at 8 p. m., will be held in the Club Room, Bldg. 364, on the corner of Texas and H Sts. on the Base. Auctioneer will be Art Perry, 2462.

Visitors are urged to attend and bring equipment for sale. A Heathkit (Q)-Multiplier Kit will be offered as door prize; refreshments will be served.



Second S-D Day Planned Dec. 1

Announcement that Dec. 1 has been set aside as the second annual S-D, or Safe Driving Day, was made this week by A. Burton Metzger, Safety Assurance Director for Sandia Corporation.

Purpose of S-D Day is to demonstrate, again, that traffic accidents can be greatly reduced when motorists and pedestrians fulfill their moral and civic responsibility for safety.

Displays, posters, and other S-D Day publicity material are being distributed within the Corporation technical area by Ed Baylor, Marshall Tippy, and Don Rost, all of 3171. Stickers have been placed on the bumpers of all AEC vehicles, calling upon drivers to "make every day S-D Day."

S-D Day is sponsored by the President's Committee for Traffic Safety, in co-operation with prominent national safety organizations.

The challenge for Sandia Corporation, and every other community throughout the country: Not a single traffic accident during the 24-hour period — in daylight or darkness.



S-D DAY Campaigners Don Rost, Jim Baylor, and Marshall Tippy, all of 3171, talk over S-D Day plans, as upper right, S-D Day stickers are placed on the bumpers of all Motor Pool vehicles by Chauffeurs Carlos Candelaria, Arthur Chacon, and Dick Starkey.