(Continued from Page 6)

Max Smith to relieve Crawford. Allen was greeted with a sharp single and gave up a walk

to tie the game. On the next

pitch, a bloop single by the Tujunga batter put them

After Paine had struck out

to begin the final inning for

China Lake, Allen singled and Kincheloe slammed one thro-

ugh the third baseman. Fergu-

son singled to center to load the bases. When Crawford

walked to force in Allen with

the tieing run the stands went

This set the stage for young

Mark McDowell, the only 11-

year-old on the team. He step-

ped up to the plate and prompt-

ly smashed one to right field

scoring Kincheloe with the win-

ning run, sending China Lake

to the finals against Santa Mar-

straight games in order to ad-

vance to the Sectional finals,

a feat never before accomplish-

ed by a team from China Lake.

They defeated, in order: Ridge-

crest, 5-4; Owens Valley, 11-9;

Parkview, 2-0; Edwards, 3-2;

Culver City, 4-0; and Tujanga,

All of the games were broad-

cast over KLOA, and were co-

sponsored by the China Lake

Credit Union and the radio

station. The Ridgecrest Auto

Dealers co-sponsored the first

The local team had won six

wild.

Little Leaguers

Lose Chances

PROCEDURES

Future ratings for motion pictures shown at the Center Theater will be tings—the familiar Parents' Magazine ratings, and the new MPAA (Motion Picture Association of America) ratings. (The Parents' Magazine ratings will

eventually be superceded completely be the MPAA ratings.) The rating designations

MPAA*

(M)-Mature audiences, pa

PARENTS"

(Y)-Youths 13-17 (C)-Children 8-12 (M)-Mature for Y & C

"Those Magnificent Men In Their Flying Machines" (141 Min) Stuart Whitman, Terry Thomas (Comedy-Spectacular) Imagine the thrills of a 1910 London to Paris air race! With a winner's purse of \$\$\$\$ to create skul duggery, practical jokes and even a duel!

SATURDAY -MATINEE "Yellow Cab Man" (84 Min) Red Skelton

1:00 p. m. Shorts: "Brave Little Tailor" (7 Min) 'Trader Tom No. 11" (13 Min) Evening
"El Greco" (95 Min)

Mel Ferrer, Rossana Schiaffino 7:30 p. m. (Biographical Drama) The story behind this renowned artist reveals his favor with the King of Spain . . and the jealousy of the King's court who try to dis-

credit him. __(A,Y, MC)
Short: "Flemist Seascape" (14 Min)
SUNDAY AND MONDAYAUGUST 10-11 "Dr. No" (109 Min) Sean Connery, Ursula Andress

7:30 p. m. (James Bond Adventure) Agent 007 flies to Jamaica and into a maelstrom of attempts on his life via car crash, poison tarantula, etc., right up to the thrilling climax. ___(A,MY)

Short: "Up Wind, Down Under" (9 Min) TUESDAY and WEDNESDAY AUGUST 12-13 "The 1000 Plane Raid" (94 Min) Christopher George, Laraine Stephens 7:30 p. m.

(Air Drama) The fighting 103rd had a commander with a wild scheme for knocking out the huge German munitions plant, but could he sell it to the High Command Action in the air, problems on the ground. _(G) ___(A,MY) Shorts: "Pink on the Cob" (Pink Panther)

(7 Min) "Beyond Walkiki" (9 Min) THURSDAY and FRIDAY AUGUST 14-15 "Sinful Davey" (95 Min)

John Hurt, Pamela Franklin 7:30 p. m. (Comedy-Adventure) Shades of "Tom Jones" cover this tale of a Scottish rogue who follows his father's footsteps as a notorious highwayman who loves 'em and leaves 'em and battles galore. _(M) ____

(A, MY) Short: "Blaze Glory" (12 Min)

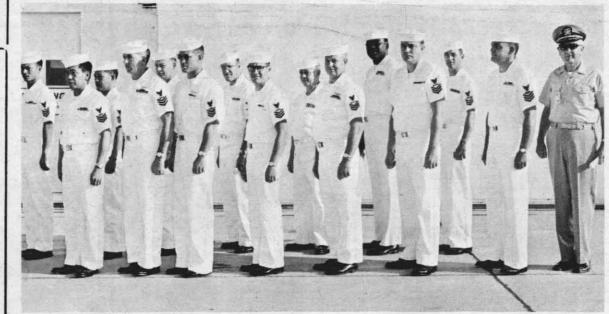
Mug Salute To Fat Albert August 14

Fat Albert will receive a 100beer-mug salute at the NAF Pool Thursday, August 14 when the Summer Activities Group holds its fourth bi-monthly

Fat Albert will supply barbecuing coals, beer, pop, salad, bread, swimming, volleyball, and music, and requests that party-goers do not bring beer pitchers this time.

The festivities will be from 5 to 9 p.m. Donation will be \$1 For further information call Linda Hughes, Ext. 71616.

According to the Traffic Control Branch, the NWC Traffic Court will be held in the Sidewinder Room of the Community Center, beginning Aug. 12. Persons attending court are asked to park on the East side of the Community Center.



GOLD HASHMARK CLUB FORMED-This group of Navy career men was presented with Gold Hashmark Club membership cards by NAF Commanding Officer Capt. L. A. Dewing (r) at morning quarters recently Formed at NAF for the first time, membership in the club requires 12 continuous and current years of good conduct in the Naval service. Extra privileges accorded the "Hashmarks' are: immunity from inspections, under most circumstances, and may form their own division when they do stand inspection; "head-of-the-line" privileges are used aboard ship more than

anyplace else for purchases and for "liberty parties." Locally, flashing the Gold Hashmark Card at the barber shop or the chow hall brings "head-of-the-line" privileges. At NAF "Hashmarks" have special reserved parking, and the CO may ask for their opinions on grievances of lower rated personnel. A "Hashmark" member can be identified by the gold hashmarks he is permitted to wear on his uniform in place of the usual red hashmarks for every four years of Naval service. The Gold Hashmark Club is now open to all commands based at the Naval Weapons Center.

Youth Center **Plans Dance**

The China Lake Youth Center will sponsor a dance on Friday, August 8, at the Community Center, beginning at 8 and lasting until midnight. The dance will be for Junior High, High School, and College students. Identification will be required for admittance.

"The Closer Thais," a musical group composed of four brothers and a cousin, who were all born in Northern Thailand, will provide the music.

Dress may be casual, but shoes or heavy stockings must be worn.

Admission is \$1.50 per person; Junior and Senior Student Union members will be admitted for 75 cents.

The Matinee feature at the Center Theater for Youth Activities members for August 13 will be, "The Legend of Lobo," and "Greta, The Misfit Greyhound." Admission is 25 cents.



PROMOTION TO WO-Former Chief Harry F. Miller, center, is shown as he is being promoted to WO1 at Morning Quarters, held in Hangar 3 at NAF. Capt. L. A. Dewing, right, Commanding Officer of NAF, and Mrs. Carol Miller pin on the new insignia. The new Warrant Officer has taken on the duties of Assistant Targets Maintenance Officer under Lt. H. K. Lankford.

Promotional Opportunities (Continued from Page 3)

graphiX SD 4060 Stored Program Recording an understanding of mail and file opera-System. Working hours are from 1600 to tions. The position requires that the incum-2400 and-or 2330 to 0730. Minimum Qualibent be able to type, however, does not fication Requirements: At least two years have to be a qualified typist. The incumexperience as a Digital Computer Systems bent must also be qualified typist. The incumbent must also be qualified as a substitute operator, GS-07.

Job Relevant Criteria: Experience in the operation of ADP systems. Advancement Potential: This position has advancement potential to the GS-11 level. File applications with Pat Gaunt, Bldg. 34,

Room 34 Phone 71514. Mail and File Clerk (Typing), GS-305-4, Corona, Code 2022—The incumbent of this position will serve as a Mail and File Clerk (Typing) in the Mail Control Branch, Office Services Division, of the Administration Department. It is the incumbent's prime responsibility to maintain an inventory locator file of secret material for the entire Laboratory. Duties include maintaining a classified document control file, signature receipt file, records of destruction of secret material and records of storage of Federal Records Center. The incumbent responsible for receiving the classified messenger logbook and for assisting Second Control Points to facilitate the sightchecking of the annual secret material inventory. The incumbent will act as substitute mes

senger or as a substitute telephone operaequirements of CSC Handbook X-118 for GS-301-4. All applicants must have at least one year of general office clerical

peripheral devices and the Stromberg Data- responsible experience which demonstrated

Forward Standard Form 171 (Application) to Dorothy Smith, Code 65811, Personnel Division, Naval Weapons Center Corona Laboratories, Corona, California, for consideration.

Accounts Maintenance Clerk, G\$-520-2, PD No. 6917028, Code 176—Posting, verification and auditing of accounting documents according to established procedures. Minimum Qualification Requirements: Completion of high school or one years clerical experience. Job Relevant Criteria And-Or Selective Placement Criteria: Some fiscal ement Potential If Any: May have potential to GS-5.

Prasoliwicz, Bldg. 34, Rm. 28, Ext. 71577.

Chaparral News

Mike Weinberg, manager of the Club Chaparral, announces that "The Gents," popular group from Mojave, will return to the Club Friday, August 8, from 9 p.m. until 1:30 a.m.

Centerites are invited to an evening of fun and dancing.

residents of the Naval Weapons Center should have received a small sticker to place on their telephone, which lists the new emergency Housing num-

For the benefit of thos who did not receive those numbers, they are repeated here: Fire, 446-3333; Police, 446-2280; Medical, 446-3333.

Anyone wishing to obtain one of the small patches may call John Seguine, Fire Prevention Chief, at Ext. 72295, or Ext. 71402.

Within the past week,

late entries accepted.

PLACE STAMP HERE



VICTORY KISS-BM1 Jim Young of the USS Dixie, winner of the Eleventh Naval District Open Golf Championship held recently at China Lake, receives a kiss above from Ann Washburn, Miss Ridgecrest-China Lake, who presided over the Awards ceremonies. Young, who also won the tournament in 1966, shot 288 for 72 holes to finish 14 strokes ahead of the field. (See page 6 for more details.)

NWC Scientist Clark Participates In

Division of the Research De-

partment, recently participat-

ed in a large scale research

program to study cloud growth

and rain formation at the

White Sands Missile Range,

according to an official spokes-

al project managers selected to

take part in the program as

a result of their broad back-

grounds in all phases of weath-

The project, code-named Pro-

ject "Cloud Puff" is a scienti-

fic exercise to determine why

certain weather phenomena

adversely affect sensitive mili-

tary equipment. It is a joint pro-

named by the White Sands

spokesman as project manag-

Blomerth, Atmospheric Scienc-

es Laboratory, White Sands

Missile Range, Army; and Dr.

Robert Cunningham, USAF

Cambridge Research Labora-

tories. Dr. Ray Booker of Wea-

ther Science, Inc., Norman,

Oklahoma, was also associated

White Sands Missile Range

Dr. Clark was one of sever-

man at that facility.

er research.

past several years.

Intramural Golf Close At Close

game against Ridgecrest.

Four teams are separated by only two points in the NWC Intramural Golf competition currently under way, according to Bill Tenan of NAF. Code 45 No. 2, with 26 1/2 points, leads NAF, 26 points, and Code 5515 and Systems, who each have 241/2 points.

In action Tuesday night NAF took four points and Systems won 3½ points. Charlie Wack of NAF had low score of the evening, shooting a 38.

Flag Football Begins Sept. 16

According to Ray Gier, Athletic Director, the 1969 Intramural Flag Football season will begin September 16. Entries are open to both military and civilian employees of the Naval Weapons Center. Team rosters must be submitted to the NWC Athletic Office, Code 855, no later than 4:30 p.m., September 5. There will be no

Each team will consist of eight players and team rosters may not exceed 20 per-

Persons requiring further information are invited to contact Gier at Ext. 72017.

	TE	MPERA'	-
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with the project.

All-Service Project "Cloud Puff" Dr. Richard Clark, of the studies because of the vast Earth and Planetary Sciences amount of electronic datagathering facilities available & the occurrence of specific types of cloud build-ups during the summer months.

> The research program requires the use of extensive instrumentation installed aboard seven aircraft, extensive photographic documentation, and data recording, and timing, and communications facilities.

By using aircraft to probe into the clouds at many levels, the physical conditions under which precipitation is created can be determined.

The joint effort by the three military services permits the use of highly sophisticated electronic research equipment ject sponsored by the Army, for the studies. Large scale Navy and Air Force, and is a programs of this nature can continuation of similar experitions be carried out at far less ments conducted during the expense than individual efforts.

Other scientists who were **Base Residents** Offered Complete ers on the project were: Alex **Phone Service**

China Lake residents may now receive all of the services offered by the California Interstate Telephone Company. This includes one, two, or four party service, selection of type of telephone and number of instruments.

The most important improvement in service is direct distance dialing now available to and from all Center residence telephones. This service change was made at 11 p. m. Saturday evening, August 2, 1969, after more than a year and one-half of construction and prepara-

(Continued on Page 2)



Eight Employees Gain New Center Fellowships

Eighteen NWC Employees will pursue graduate studies this coming year under support of NWC Fellowships, according to Dr. A. G. Hoyem, Center Education Director. The eight students pictured below will be on new NWC Fellowships to various institutions of higher learning, and ten others have been granted extensions. Students who have been granted new fellowships include:

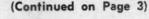
Code 3045. Afendykiw will enat Ann Arbor in September to pursue advanced studies in Electronic Engineering under a 12-months NWC Fellowship. He graduated from Wayne State University with a Bachelor of Science degree in Electrical Engineering in June 1957 and started his career at NWC

Marko Afendykiw of the Sys- 1962-63 academic year he at- ember under a nine months tems Development Department, tended the University of Michiaward to complete graduate ter the University of Michigan ceived the Master of Science in ing begun under UCLA's gradendykiw, his wife Nina and their two sons, Andrew and Yurko, and daughter Natalie reside at 111 B Blueridge, Chlna Lake.

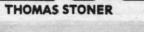
Robert C. Campbell of the Weapons Development Department, Code 4073. Campbell will immediately thereafter as a enroll at the University of Cali-Junior Professional. During the fornia at Los Angeles in Sept-

gan as a NOTS Fellow and re- studies in Electronic Engineer-Engineering in June 1963. Af- uate program in Engineering at China Lake. He received a Bachelor of Science degree in Engineering Science in June 1966 from the University of Notre Dame and commenced his employment at China Lake that same month. He resides at 110 E. Richmond Road, China

William A. Hard of Central Staff, Code 1711. Hard was granted a 12 months fellowship and will pursue graduate studies in Public Administration at the University of Southern California starting in February. He received a Bachelor of Arts in Economics in 1962 from the University of Southern California and in 1969 received a Masters in Public Administration from the same University through its China Lake Public Administration program. Hard joined the civilian force at the Naval Weapons Center in November 1967 upon completion of his tour of duty at China Lake and his enlistment with the U. S. Navy Supply Corps. He and his wife Suzanne, two daughters, Cecily and Corinne,







MARKO AFENDYKIW



STARNES WALKER



DONALD SHERMAN



ROBERT CAMPBELL



STEPHEN LEE

DRINKING

CHAPLAIN'S MESSAGE

Surrounded By Students



By CHAPLAIN GORDON A. READ

Last week it was reported that a total of 443 students and faculty members were employed at Naval Weapons Center this summer. That's almost enough students to make one feel surrounded by "Professional Learners," yet I wonder if we aren't all caught up in the learning process far more than we realize?

Everytime we watch a "Moon Shot," or hear the President speak on foreign affairs, or notice that the price of milk has gone up, we have learned something about the world we live in. I suspect we are all learners in a world that has more things to be learned now than ever before.

Such an abundance of learning becomes upsetting at times when we realize that much of what we learned from years of study is either forgotten or outdated. How can we keep up? Educators tell us that in the very near future, many professionals will have to be involved in some type of formal education program most of their lives just to keep up with changes that are taking place.

Dr. Carl R. Rogers of the Behavioral Sciences Institute in LoJolla, California comments helpfully by saying, "In a world which is already upon us, the goal of education must be to develop individuals who are open to change, who are flexible and adaptive, who have learned how to learn .and are thus able to learn continuously.

"Only such persons can constructively meet the perplexities of a world in which problems spawn much faster than their answers. The goal of education must be to develop a society in which people can live more comfortably with change than with rigidity.

In the coming world, the capacity to face the new appropriately is more important than the ability to know and re-

We are surrounded by students! The more the better! I am convinced that much of human relations is tied strongly to our ability to learn, to be tolerant, to accept the ideas, feelings, and actions of others. Houw are your studies com-

NWC Protestants Plan Second Annual Family Reunion Day

The All Faith Chapel will recognize the Second Annual Family Reunion Day on Sunday, August 10, at the 11 a.m. Protestant Worship Service.

Family Reunion Day is a program that was suggested by Kiwanis International and Freedoms Foundation at Valley Forge, and which is being set up throughout the United States and Canada for old-fashioned family get-togethers, church going, dinners and picnics, on a special day that has been set aside for this purpose.

Family Reunion Day has been supported by a Presidential Proclamation to strengthen the American Family.

Mr. Clarence Renne, President of the Ridgecrest Kiwanis Club and members of the local club are assisting with the service. Members of the local Kiwanis will be the hosts at a Coffee Hour immediately following the service. Chaplain MacNeill will preach on "The Changing Structure of the Family" for this year's program. In addition, the choir will sing "Choose You This Day" by Mueller and Sam Haun will sing "Bless This House" by Brahe.

DIVINE

Morning Worship-8:15 and 11 a.m.

cated opposite Center Restauran

Roman Catholic (All-Faith Chapel)-

Sunday School-9:30 a.m., Chapel An-

nexes 1, 2, 3, 4 (Dorms 5, 6, 7, 8) lo-

Holy Mass-7, 9:30 a.m., and 12:30 p.m.

Daily Mass-11:30 a.m. in Blessed Sac-

rament Chapel. Saturday, 8:30 a.m.

Confessions-7 to 8 p.m. Saturday.

Unitarian Fellowship-(Chapel Annex 95, 95

first and third Saturday.

King Ave.)-Sundays, 7:30 p.m.

Protestant (All-Faith Chapel)-

SERVICES

The Rocketeer

Official Weekly Publication U. S. Naval Weapons Center China Lake, California

Capt. M. R. Etheridge, USN "J." Bibby

Joan Raber Associate Public Affairs Officer (Acting) Director of News Bureau

Public Affairs Officer

William P. Valenteen, Jr. Jack C. Lindsey

Lucille. Edwards

PH1 Gary D. Bird, PH2 Delmar E. Hart, PH2 Michael F. Krause, AN Maurice Dias, Staff Photographers

DEADLINES:

...... Tuesday, 11:30 a.m. The Rocketeer receives Armed Forces Press Service material. All are official U. S. Navy photos unless otherwise identified. Printed weekly with appropriated funds in compliance with NavExos P-35, revised July 1958. Office at Nimitz and Lau 71354, 71655, 72082

PROMOTIONAL OPPORTUNITIES

Employees are encouraged to apply for positions listed below. Current apolications (SF-171) or Standard Form 58 oringing your work history up-to-date hould be forwarded as described below. The fact that positions are advertishere does not preclude the use of f the ranking process of those rated as sically qualified will be a supervi ory appraisal form that will be sent to the employees present and most recen previous supervisor. Selection shall be made without discrimination for any non-merit reason and without favoritism based on personal relationship or patronag

The vacancies listed below are effective

form 8 to 15 August 1969. Supervisory General Engineer, G5-801-13, PD No. 345097, Code 4533—This position Product Evaluation Branch and manager weapon qualification programs to ensure that guided, free-fall, and ballistic ordnance meets fleet qualifications.Minimum Qualifications: Basic requirement is the Bachelor's degree in one of the engineering disciplines or physics or the equivalent plus three years experience in the mechanics of ordnance design, development, test or evaluation. Job Relevant Criteria: Project management experience necessary and will establish highest qualified appliints. Best qualified applicants will have in addition, experience in at least half of the following: a) dynamic vibration testing, b) industrial X-ray inspection, c) ther mal and environmental testing, d) nondestructive testing, e) test design and management, f) guided, free-fall and ballistic ordnance safety. Advancement potential: position has potential to go to the GS-14 level.

ler, Personnel Bldg. Rm. 84, Ph. 72723. Secretary Dictating Machine Transcribing. GS-00318-4 or 5, PD No. 540014Aml, Code 4005—This position is that of Secretary to the Shrike Program Manager and is located in the Shrike Program Manager's office, Weapons Development Department The function of the office is to conduct the administration of the Research and Development of the entire Shrike Weapon System. This position is established to provide personal assistance to the Program Manager and his Staff by performing a variety of clerical and administrative duties related to the management of the office such as, scheduling appointments and work, receiving and replying to incoming mail, reviewing outgoing mail, etc.; provid ed a technical knowledge of specialized subject matter is not required. Minimum Qualification Requirements: For GS-4, two years of general office clerical experience nd for GS-5, two years of general office clerical experience plus six months of specialized secretarial work which has involved responsibility for serving as the designated supervisor, and which has included participation in the work of the supervisor through a close and direct workall of the kinds of duties described above. Advancement Potential: This position has advancement potential to the GS-5 only. Chipp, Bldg. 34, Rm. 26, Phone 72676. Administrative Officer, G5-341-13, PD No. 6900008, Code 01—Provides administrative nanagement support, special analysis and consultation on administrative matters to the technical director.

Minimum Qualification Requirements: 3 years general experience and 3 years of specialized experience in administrative, management or analytical work where applicant would have gained a knowledge administrative-management techniques Navy and DOD.

Job Relevant Criteria and-or Selective Placement Criteria: Advanced degree in business or public administration preferred.

File application for the above with Sue rasolowicz, Bldg. 34, Rm. 28, Ext. 71577. Planner and Estimator (Public Works Structures) (Metal), JD No. 290. Code 7081-Provides controlling actions on maintenance work up to the point of scheduling. He screens work requests, plans and estimates the cost of the job (labor and material) and occasionally acts as project coordinator on jobs of a large scope. On a regular scheduled basis or on specific request performs diagnostic inspection of

Phone Service

(Continued from Page 1)

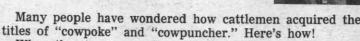
(Continued on Page 3)

Users of this company ser-Tuesday, 4:30 p.m. NWC Jewish Services (East Wing All-Faith vice are reminded that they Chapel)-8 p.m. every first and third must dial the access code "763" to call Center numbers from Ridgecrest numbers, and also must dial "718" and a seven digit number to call Ridgecrest numbers from Center tele-



Cowpoke

By "POP" LOFINCK



When the steers were loaded into freight cars to be shipped to Kansas City or Chicago stockyards, the cattlemen rode in the caboose. When the cattle train took to a siding-sidetrack-to let passenger trains go through, the cattlemen in the caboose would grab a long stick and run down the length of the train to poke or punch any steers that may have got down on the floor to get back on their feet so they wouldn't get trampled. So these cattlemen became known as "cowpokes" or "cowpunchers", which they were. Very appropriate titles.

When the steers were let out into a corral for water along the way, they didn't want to go back into the cattle car, so it was quite a chore to get them back in. So an electric prod was developed-a cane full of storage batteries.

When touched on the rump with that electric prod-it was an experience the steer had never felt before—so the steer would rush up that ramp into the cattle car, and quick! Very funny!

A general idea was to get the steers as full of water as possible before turning them over to the stockyard buyerso they could sell the water in the steer's belly at a beef price. That left a wide margin for differences of opinion.

The cattlemen from the Big Wild West were "tough guys" -so were the stockyard men-so sometimes the differences of opinion became quite strenuous. The results were not sent to jail-but to a hospital so they could get patched up

A better system was worked out later. A cattle broker would sell the steers to midwest farmers with a big corn crop who would fatten the steers in a feed lot before shipping them to the packing house.

So everything got smooth. There is always a way to work things out.

Religious Honor To Scout



GOD AND COUNTRY AWARD-Jerald L. Smith, a member of Boy Scout Troop 35, sponsored by the Machinists Union, received the God and Country Award from Chaplain Gordon C. Read in services held Sunday, August 3, at the All Faith Chapel. The award signifies the end of one year of work for young Smith, including working with the Chapel and training in his denomination. Pictured above following the ceremony are (I-r) Smith's Scoutmaster W. Fitzgerald, his father and mother, Mr. and Mrs. W. Smith, Smith, Chaplain Read, and Shasta Thompson.

Friday, August 8, 1969



Lt. Jack C. Quinn-recently reported aboard the Naval Weapons Center from the USS Saratoga. A member of the Technical Officer's Staff, Lt. Quinn is the Fleet Engineering Military Assistant assigned to the Engineering Department. Lt. Quinn received his commission on January 1, 1960. He and his wife, Verdie, daughter Cheryl, and son Billy, live at 57-A Stroop on the Center.

College

(Continued from Page 5)

ment will find many enriching opportunities to do so at the Desert Campus. For those with artistic talent there are the concerts and activities of the Desert Campus Choir and courses in musicianship and music appreciation.

For homemakers with children there are courses scheduled in Child Development and Creative Activities for Children. Seamstresses will be happy to see that Edith Novascone's course in tailoring is also being offered this fall.

Those wishing to learn or brush up a foreign language will notice courses in French, German, and Spanish

For writers a course in creative writing is being introduced, and courses in exposicomposition English grammar will also be offered.

For news writers, John Silva from the University of California at Berkeley will teach editing and practical experience in the field will be available to students in working on the college paper, the Desert Knight.

Pat Schwarzbach will again teach Drama 27, Theater Laboratory, from which came the excellent production of Camelot last spring. Planned for the 1969-70 year are a mod production of Euripides' the Trojan Women and the popular musical The Fantasticks.

More information about Desert Campus can be found in the Bulletin 1969-70, which is available in many offices at NWC and from the college office located in its temporary site on the south side of Burroughs High School. The telephone number is 375-1548.

Blue Cross Ins. Agent At Community Center Wednesday, Aug. 13

Desert Water Survival Still Simple to Construct **Report Gives** CROSS SECTION OF SURVIVAL STILL

ANCHOR

PRODUCERS

face, taking care that the un-

derside of the plastic does not

touch any soil, as that will

before reaching the container.

Instructions

According to a report published by the U.S. Water Conservation Laboratory, prepared by Ray D. Jackson and C. H. M. van Bavel, Research Physicists, enough water can be condensed from the soil to enable a person to survive indefinitely in dry remote areas through the use of a "survival still," a device which can be constructed with the aid of a few materials.

The report states that water, or moisture, can be obtained from most areas, but especially where cacti or other plant material is located. The report continues with the following advice on construction of a "survival still." A "survival still" is con-

structed by using a piece of plastic film approximately six feet square, and a container, made from such materials as plastic, aluminum foil, or canvas. A convenient, but essential, part of the still is a piece of plastic tubing about four to six feet long. The tubing can be fastened to the bottom of the container, allowing water to be removed from the concause the water to drop off tainer for drinking without disturbing the plastic covering.

To build a survival still, according to the report, first dig a bowl-shaped hole in the soil about 40 inches in diameter and 20 inches deep. If a shovel is not available, use a flat angle of approximately 30 derock, or a stick to loosen the grees for the water drops to soil, then remove the soil by run down to the container. hand. If the container is a large one, additional digging plastic covering and is absorbin the center of the hole will ed by the soil and plant materbe necessary in which to place ial. Drops of water form on the container. The report the underside of the plastic warns not to allow the con- and run to the point of the tainer to be below the dirt's cone, and then drop into the

After the container is installed, place the plastic film person to use polluted water over the hole and put soil a- for drinking, as the plastic

SIX MORE—ADR-1 David Lee Reynolds is shown being ad-

ministered the oath by Capt. L. A. Dewing, Commanding

Officer, NAF, at Reenlistment Ceremonies held July 29

in Capt. Dewing's office. Reynolds and his wife, Donna Sue,

have one son, David Scott, who will be two in October. They

reside at 1112 1st Place on the Center, Reynolds works on

the OMD line at NAF.

round the rim to hold the film film will absorb the pure water that the cut pieces do not in place. A fist-sized rock from the polluted water. In should be used in the center this manner, body waste and of the plastic. Push the rock water with a high alkali condown until it is approximately tent may also be used. 15 inches below the soil sur-Location of Still

The still should be located ging the hole should also be a main consideration.

APPROX. 40 INCHES .

Straighten the plastic till it source of water, the still forms a neat cone. Place adshould be located in a dry ditional soil around the edges stream bed, or a depression to hold the plastic securely. where rainwater might have The plastic cone must have an collected. The more water that has soaked into a site, the better the yield will be. Generally, clay soil is better than Sunlight passes through the

longer periods. Cacti contain considerable prolonged periods of drought. Barrel, prickly pear, and saguaro can be cut in pieces and container. This process also enables a

placed around the sides of the hole before covering with plastic film. When cactus plants are used, make sure until found.

the water might taste slightly

of the cacti.

Do not disturb the plastic sheet unless it is absolutely necessary. It takes from 1/2 to in any site where direct sun- one hour after the plastic has light is available. Ease of dig- been moved before the collection of water to begin again. Yield

If the soil is to be the only A still constructed in moist clay or in a damp sandy beach will yield three pints of water per day. One constructed in the much drier soil on the desert may yield about 1/2 pint per day. However, if the still contains pieces of fleshy plants, it will yield about three sand because it holds water for pints of water per day. Generally, the yield will be two amounts of water even after during daylight hours and one pint at night.

> Three pints of water per day will not be enough to enable a person to survive on the desert indefinitely. However, it will prolong life to the extent that a person may live

Battles Loom For Top Honors As Summer Bowling Pace Picks Up

second places.

dicap over the past two weeks wrap up. game on July 23, and the CPO team hitting 2634 for three the same night. In the action, Fred Dalpiaz knocked out a 575 and Paul Schrover and Ken Dukeshia both rolled a 210 for individual game honors.

On July 30, the Blazers held a hot hand as they shot 909 and 2633 for high team game and series. Warren Schad shot a 566 series and Dick Furstenberg led individual scoring with a 212, followed closely by Schad with a 211.

In the Supply Dept. Mixed League, the B.B.B.V. contingent racked up a 1797 series, including a 700 game, to lead team scoring for the evening. Dan Herrington had a nice 630 series, and Ted Carleton broke loose with a 252 for high game.

On the distaff side, Jeanne Welsh hit a 509 and Jean Gale a 210 to lead the individual

With the summer bowling scoring. This league reports leagues quickly coming to an they still need some girls for end, the pace is beginning to the Winter League, which will pick up, as all the leagues are begin in September. Also the reporting battles for first or secretary reports that four teams are still tied for second In the Wednesday Night Han- place as the league nears its

the Elks and the CPO have Winter leagues are now been jockeying back and forth forming, and anyone interested for the honors of the evening, in bowling should contact Fred with the Elks shooting a 910 Dalpiaz, Ext. 72006 for further information.

WACOM Sponsors Picnic Supper For Pre-Teens

Students of sixth, seventh, and eighth grades are invited to a WACOM-sponsored pool party Thursday, August 14, from 7 p.m. to 11 p.m. The picnictype supper will be held on the lanai at the Commissioned Officers' Club, announced Flo Carmody, WACOM publicity chairman.

Music for the party will be provided by a juke box, and organized pool games are planned. Life guards will be on duty and chaperones on hand.

Students are invited to bring a friend. Admission is \$1.00.

Jim Young Wins 11ND Golf Crown CWO Modic Captures Senior Div.

Jim Young, who is stationed Young, as did Ivorson who shot aboard the USS Dixie, at San 78, 76, 74 and 74 in the four-Diego, posted rounds of 71, 70, day tourney. 75 and 72 to sweep a field of 36 golfers and win the 11th Naval District's Open Division who shot 72, 76, 76, and 79 for Championship held at the NWC a 303 total. Golf Course, July 28, 29, 30 &

This is the second time that Young has won the crown. His first win was in 1966. The Southern Area defending champion now goes to the Western Regional Tournament at Whidby Island, Washington, where NAS Miramar, had rounds of play will begin on Tuesday. Winners at Whidby Island will advance to the All-Navy Tournament to be held in Memphis, Tennessee at a later date.

In another exciting moment, Raphael Saraceni, from Phib-Ron 9, San Diego, defeated Lt. Bill Ivorsen, of the USS Klonto take second place. Saraceni while Ivorsen shot it in par.

73, 79, and 74 for a 302 total, and 87.

Boatswain's Mate First Class finishing 14 strokes behind

Fourth runner-up was Joe Redfearn, of the USS Advance,

Warrant Officer Frank Modic out-stroked 15 other divot diggers, including defending champion CWO Glen Bowman, to take the championship. Modic, of Fighter Squadron 124, 72, 83, 74 and 76 for a 305 total, while Capt. Clyde Roesner, of El Centro, had 81, 79, 77 and 73 for a 310 total, good enough for second place.

Third place winner in the



Chin Lake's All-Stars, the first In the fourth inning, Benson 1, at Culver City.

hitter against a big, tough Santa Maria team, but unfortunate- the sixth inning with a single, ly was up against another fine but things seemed to quiet pitcher from Santa Maria, a down when Crawford got the young six-footer named Edie, next two batters out. However, the hard-playing China Lakers. walked the next three batters

All of the scoring occurred in the 1st inning. Santa Maria's two Tujunga runs. Clinton Allead-off batter beat out a slow len was brought in by manager roller to short and was brought around to score on a two-out homerun by the Santa Maria first baseman, Salazar, another stringy six-footer. Paine pitched near-perfect ball after that, alowing no other hits, walking only one, and striking out nine batters in a losing effort.

In the bottom of the first innng, Kevin Smith walked, and pitcher balked, allowing Smith to move to third base. Smith then scored on a wild pitch, and that was it for China Lake.

Semi-Final

eam pulled out a come-frombehind victory against Tujunga, scoring two runs in the final nning to win, 6-5, and advance the finals.

Tujunga threatened in the first inning but Rich Erfurt nade a strong throw from right ield to Mark McDowell, shortstop for China Lake, to trap a unner off-base and retire the

'aine grabbed a hot grounder off the glove of first baseman immy Kincheloe to choke off nother Tujunga threat.

Randy Crawford, China Lake urler, started things off in the China Lake half of the second 'nning with a single. After two uts, Erfurt got on base via an error, Billy Benson and Paine valked, forcing in a run, and Cevin Smith smashed a single o account for another run.

Senior Division

In the Senior Division, Chief

Senior Division was garnered by CWO Ward Frye, also of dike, in a sudden death playoff NAS Miramar, on rounds of 85, 82, 83 and 77 while fourth birdied the par 5 No. 1 hole, place went to CWO Glen Bowman, of ComServGroup 1, NAS Saraceni had rounds of 76, San Diego, who shot 84, 83, 78,

(Continued on Page 8)



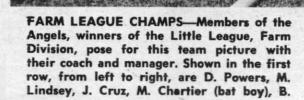
Little League All-Star Team in and Paine again walked, then the 15-year history of the Lea- advanced a base each on a sucgue to advance as far as the cessful sacrifice by Merril Koff, Sectional Finals, lost a heart- who then reached first on a breaker to Santa Maria in a throwing error by the Tujunga pitcher's duel Friday, August pitcher. Jack Ferguson then

Steve Paine pitched a two- ing in Benson and Paine. who pitched a no-hitter against young Crawford tired, and he

was sacrificed to second by Jimmy Kincheloe. The Santa Maria

The night before, the local

In the second inning, Steve



Chartier, M. Underwood and K. Gilbert. In the back row from left to right are Woody Chartier, Manager, G. Fasig, M. Burmeister, J. Homer, B. Oshel, B. Godette, R. Branson and Norm Fasig, coach. Missing are D. Woolam, S. Barber and M. Claunch.

El Ranchito Defeats Top Team

for second place behind the 4-hit pitching of Billy Brown, as the fast-moving El Ranchito team defeated Ridgecrest Shell, slashed a single to right, driv- 2-1 in the first game on Monday, July 28. Brown helped himself by hitting a triple to Tujunga led off their half of drive in the winning run.

In the nightcap, Ace TV defeated Genge 2-0 as Bert Galloway pitched a two-hitter. striking out 11. In a superlative effort, Tony Scanlon allowed and hit the fourth, forcing in Ace TV only three hits.

> On Tuesday night in the early game, VX-5 put Genge deep- year.

a 9-2 loss. John Clark hit his evening, Ace TV kept in front first home run of the season. In the late game Magic Cleaners defeated NAF 8-0 with

Bobby Kochman giving up only On Wednesday, VX-5 pulled the upset of the year by beat-

ing Ridgecrest Shell 6-2. Ace pitcher Bert Andreason was lost for the season as he suffered a leg injury. Dick Braun went 4-4 for the winners, hitting his fourth home run, and Skip Benton hit his first of the



HIGH POINT TROPHY WINNERS- Members of the IWV Swim Team, winners of the High Point Trophy in their age group for the 1969 season, pose happily for this group shot at the annual banquet held August 3 in the Community Center. The winners are: front row, left to right, Jan Hillard, Susan

Goettig, Sheryl Randle, Dickie Dye, Bobby Gilmer. Second row, left to right, Randy Brown, Chris Moore, John Smith, Martin Forrester. Third row, left to right, Linda DeMarco, Kris Bjorklund, Jean Chatterton, and Rick Bjorklund. The awards signified the end of the swim season.

El Ranchito moved into a tie er into the cellar, handing them In the second game of the of the charging El Ranchito team by defeating Magic Cleaners, 4-0. Galloway allowed only one hit, and Bobby Kochman, hard-luck pitcher of the year, allowed only two in a losing

Friday, August 8, 1969

In the only game played Thursday, El Ranchito bombed NAF 20-9 as they took command of the game early. Harlan Hershley went 5-5 and Dick Clodt got four for five. Bill Brown, the winning pitcher, hit a three run homer.

On Saturday, El Ranchito and Ace TV played a make-up game, and El Ranchito, clearly the best team in the league lately, beat Galloway, 3-1. El Ranchito is now only one game behind Ace TV in the loss column.

A make-up game between NAF and Ace TV will be played at 6 p.m., August 12, which could very well be the biggest game of the season. If NAF can manage to knock off the league leader, then El Ranchito has a chance to take it all.

In the event that NAF wins, then El Ranchito will play NAF at 7 p.m., August 13.

Tennis Club To **Hold Novelty Tourney Aug. 13**

The China Lake Tennis Club will hold its annual night-time Novelty Tournament on Wednesday, August 13, beginning at 7 p.m., at the Center Courts.

This tournament is one of the more light-hearted events of the year and consists of an adult draw-doubles event. No pre-entry to the tournament is necessary. Interested persons need only come to the courts before starting time.

A \$1 entry fee will be asked of non-members, and prizes will be awarded.

For further information on the Novelty Tournament, contact Sherry Miller, Club Presi-

Win NWC Fellowships

(Continued from Page 1)

Nimitz Street, China Lake. Stephen M. Lee of the Pro- June 1966. Wilkins and his wife pulsion Development Depart- Lloyda and their three daughment, Code 4510. Lee is the ters, Anne, Teresa, Rachel, and recipient of a nine months a- two sons, David and Kevin, re-

ward and will pursue graduate side at 203A Byrnes, China studies in Operations Research and Systems Analysis at Ari-zona State University at Tempe been granted extensions on zona State University at Tempe beginning in January. He received a Bachelor of Arts degree in Mathematics in June 1949 from the University of California at Santa Barbara and was awarded a Masters degree in Mathematics in 1964 through the UCLA graduate program at China Lake. He has been employed at the Naval Weapons Center since September 1953. Lee and his wife Colleen, two daughters. Alison and Jennifer, and a son Christopher reside at 608 A Kearsarge Street, China Lake.

Donald G. Sherman of the Systems Development Department, Code 3043. Sherman will enter the Arizona State University at Tempe in September under a nine months grant to pursue graduate studies in Digital Systems Engineering. He was awarded a Bachelor or Science degree in Electrical Engineering from the University of Colorado in 1962 and a Master of Science degree in Electrical Engineering from the University of Idaho in 1965. He began his employment at China Lake in July of 1965. Sherman and his wife Susan and four sons, Kevin, Gregory, Cary, Keith and two daughters, Juiliana and Deborah, reside at 32B Sellars

Circle, China Lake. Thomas R. Stoner of the Systems Development Department, Code 3041. Stoner is the recipient of a nine months fellowgraduate studies in Physics University under a National Science Foundation Fellowship pects to complete his studies by next June. Stoner graduated June 1963 and came to China Lake immediately thereafter. sons, Thomas and Talman, cur- University at Tempe. rently reside at 12C south

been awarded a nine months vote full time this coming aca- ship. demic year to the graduate elors degree in Physics from the University of California, Riverside in June 1968 and joined the Corona Labs at that time. He and his wife Frances reside at 4449 9th Street, Riverside, California.

Lowell H. Wilkins of the Wea-Code 4056. Wilkins will enroll Austin under a seven months under an NWC Fellowship. grant to pursue further studies in Physics. He received a Bachunder a NOTS Fellowship. ship.

and son James reside at 413 B These studies culminated in a Masters degree, awarded in

their current fellowships are: Robert D. Berry of the Avia-

tion Ordnance Department, Coode 3571. Berry will continue his graduate studies in Mechanical Engineerng at the University of California at Berkeley under a nine months extension of his NWC Fellowship. He is specializing in Control Systems.

Arthur A. Duke, Jr. of the Aviation Ordnance Department, Code 3571. Duke has been pursuing graduate studies in Applied Mathmetics at the University of California, Los Angeles. He was granted a five and a half months extension and expects to complete his studies by the end of the Winter Quart-

Edward L. Jeter of the Weapons Development Department, Code 4062. Jeter is pursuing graduate studies in Applied Mechanics at Stanford University. He also received a five and a half months extension of his fellowship and expects to complete his studies by the end of the Fall Quarter.

John W. Joyner of the Weapons Development Department, Code 4056. Joyner received a nine months extension and will be continuing his graduate studies in Physics at the University of Texas.

Joseph A. Mosko of the Weapons Development Department, Code 4022. Mosko will be conship. He has been pursuing tinuing his graduate studies in Electromagnetics at the Univer-(Optics) at Washington State sity of California at Berkeley under a nine months extension.

William H. Smith of the Weathe past three years and ex- pons Development Department, Code 4040. Smith received a nine months extension of his from Portland State College in NWC Fellowship and will be continuing graduate studies in Operations Research and Sys-He and his wife Joyce and two tems Analysis at Arizona State

Lonnie A. Wilson of the Avia-Fairway Street, Pullman, Wash. tion Ordnance Department. Starnes E. Walker of the Fuze Code 3573. Wilson will be con-Department at the Naval Wea- tinuing his graduate studies pons Center Corona Laborator- in Electronic Systems at the ies, Code 5012. Walker has University of California at Los Angeles under a nine months fellowship so that he may de- extension of his NWC Fellow-

studies in Physics he has been sile Systems Department, Code pursuing at the University of 4242. Zeleny was granted a California at Riverside this nine months extension of his past year while employed at NWC Fellowship to continue Corona. He received his Bach- graduate studies in Physics at the University of California at Riverside.

Walter E. Freitag of the Engineering Department, Code 5522. Freitag pursued graduate studies in Systems Engineering at the University of California at Los Angeles this past year pons Development Department, under a WEPCOSE Award. He will be continuing those studies at the University of Texas at during the 1969 Fall Quarter

Larry E. Prince of the Engineering Department, Code elor of Arts in Physics from 5531. Prince pursued graduate Brigham Young University in studies in Electronic Engineer-June 1961 and began his em- ing at the University of Washployment at China Lake that ington, Seattle this past year same month. From September under a WEPCOSE Award. He 1964 until March 1966 he pur- will be completing those studsued graduate studies in Phy- ies during the 1969 Summer sics at the University of Idaho Quarter under an NWC Fellow-



COMMENDATION AWARDS-The four men shown above are pictured with the Medals they recently received from Capt. R. Williamson II, Executive Officer in ceremonies held July 30 in Capt. M. R. Etheridge's office. From left to right are Capt.

R. S. Moore, who received the Navy Commendation Medal; Lt. P. E. Thomas, the Meritorious Unit Commendation Medal; HM2 E. W. Bliss, Navy Commendation Medal; and Lt. J. A. Maas, the Navy Commenda-

PROMOTIONAL OPPORTUNITIES

Minimum Qualifications: Must have ob-118C. A written test will be required, but will not be used as the only basis for ment Potential: GS-4 level. disqualification of an applicant.

Job Relevant Criteria: In addition to minimum qualifications the applicant must have Clerk-Typist G5-322-3/4 PD No. 6955105, demonstrated the ability and potential to Code 55402-The principal duties of this

Advancement Potential: Supervisory Planner and Estimator.
Planner and Estimator (Public Works Elec-

trical Systems) JD No. 235-1, Code 7081-Provides controlling actions on maintenance screens work requests, plans and estimates the cost of the job (labor and material) and occasionally acts as a project coordinator on jobs of a large scope. On a regular scheduled basis or on specific requests performs diagnostic inspection of Public Works Structures.

MINIMUM Qualifications: Must have tained journeyman status in one of the following trades: Electrician, Electrician (Lineman), and Electronics Mechanic (Maintenance). Rating of applicants will be on the basis of the appropriate J-element standard in accordance with the CSC Handbook X-118C. A written test will be required, but will not be used as the only basis for disqualification of an applicant.

Job Relevant Criteria: In addition to the minimum qualifications the applicant must have demonstrated the ability and potential to satisfactorily perform the duties of a Planner and Estimator.

Advancement Potential: Supervisory Plan-

File applications with Betty Jo Geiser, Bldg 34, Room IA, Code 652, Phone 72657. Mechanical Engineering Technician, GS-802-07, PD No. 770020, Code 7034—Furnish Branch. Is responsible for design, layout, and drafting services on mechanical systems, such as air-conditioning, refrigerat ventilation, steam generation and distribution, low and high pressure gas installations (air, nitrogen, hydrogen, and oxygen) cathodic protection, interior plumbing, and

noise abatement.

Minimum Qualifications: 2 years general and 3 years specialized experience. The specialized experience must have involved nonprofessional technical work in, or very closely allied to the option in which

eligibility is assigned.

Job Relevant Criteria: Layout, design and tems such as air conditioning, refrigeration, ventilation, steam generation and distribu-

tion, interior plumbing, etc.
Advancement Potential: GS-802-12 level.
File applications with Dora Childers, Code
657, Room 32, Bldg. 34, Phone 71393.
Clerk-Typist, GS-322-34, PD No. 630019, Code 3013-This position is that of secretary to the Head of the Program Manage-ment Branch, Weapon Systems Division, Systems Development Department. The in-cumbent will perform administrative and secretarial duties and assist Branch per-sonnel in accomplishing assigned tasks. The duties include the preparation of reports, memorandums, official letters, ad-ministrative and statistical forms, and the appropriate filing and maintenance of records. The incumbent will also be called on to receive official visitors, both civilian and military, from government and industrial

(Continued from Page 2) quirements: A. One year of appropriate fallowing trades: Structural Ironworker,
Machinist, Machinist (Maintenance), Boilerience as allowable in X-118, Series GS-322-3, maker, Sheet and Plate Metalworker, Sheet- A. two years appropriate experience or, metal Worker, Welder or Welder (Combina- B. education and-or experience as allowable tion). Rating of applicants will be on the in X-118, Series GS-322 for GS-4.Job Rolebasis of the appropriate J-element standard vant Criteria: Direct experience in office in accordance with the CSC Handbook X- management, documentation formats, and File applications with Pat Gaunt, Code 657

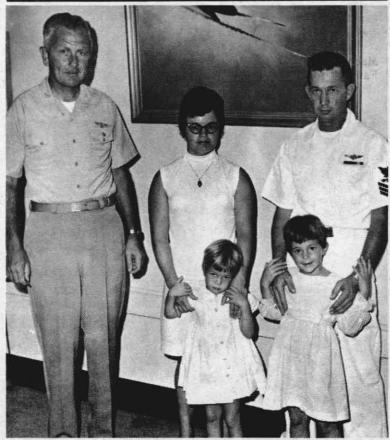
control forms, cards and reports in support of production planners, N-C programmers scheduler and branch supervisors. Minimum of appropriate experience or, B. education experience as allowable in X-118, Series GS-322 for GS-4. Job Relevant Criteria: Ability to operate card punch machines Advancement Potential: GS-4 level.

Bldg. 34, Room 34, Phone 71514. 0332-09, PD No. 830065, Code 3037- Incomputer console operator for the UNIVAC 1108 ADP System during production runs. Will also operate on-line UNIVAC 1108

(Continued on Page 8)



board the Center recently to assume the duties of Project Officer in charge of Reports Management at VX-5. His previous duty had been with Attack Squadron 106, deployed aboard the USS Intrepid. He joined the Navy in June 1954 and attended the U. S. Naval Academy. LCdr. Gibson, his wife, Patricia; Richard, 7; Mark 31/2; and Pamela, 11/2, live at 33-2 Vieweg Circle on the Cen-



SHIPS FOR FOUR-AS-1 James F. Underwood, right, is shown with his family and Capt. L. A. Dewing, left, Commanding Officer, NAF, following reenlistment ceremonies held in Capt. Dewing's office July 29. The Navy man's family are: Mrs. Aline Underwood, and daughters Linda Annette, 3, and Regina Lucille, 5. They reside at 25 Carricart St., in Wherry Housing. Underwood works in Ground Support at

ADMINISTRATIVE PROBLEM-Martha Smith, Administrative Secretary to the Desert Campus, helps Wesley Willett, a graduating student, with some details concerning his future plans. Wesley, a Liberal Arts student at the college is transferring to the University of California at Santa Barbara for more undergraduate courses.



OCCUPATIONAL PROGRAM—Students are shown above in a machine calculating course which is part of a new occupational program that is offered by the Desert Campus. The machine calculating course is taught by Kay Nelson. Upon completion of an occupational program, students may receive an AA degree or a certificate of completion.



ELECTRONICS TECHNOLOGY—Females, too, have taken an interest in gaining a background in specialized technical programs. The students shown above are part of a class taught by Claude Wood, Code 30, which will lead toward an AA degree. This particular class is taught in the training annex of NWC. It is also part of the occupational program supported by the Desert Campus of Bakersfield College.

Bakersfield Desert Campus Serves NWC Employees

At the Desert Campus of ed on "getting somewhere in the Desert Campus, a designa-Bakersfield College, placement the world," it is indeed amaz-tion that stresses the college's ready been conducted, and another final session is planned for the evening of Aug. 16.

Open registration at the College will follow closely on the heels of the Labor Day weekend (registration will be held on September 2, 4, and 5), and classes are scheduled to commence on September 8.

Residents of the Indian Wells Valley are indeed fortunate to have a learning instiphasis that is constantly plac- field College, it is now called

opportunity.

NWC. Since that modest beginning,

day and evening classes. tution of such stature so close ed several times. Once called for many college majors, inat hand. With all of the em- the Desert Division of Bakers- cluding business administra-

testing for students planning ing that more people from the transition to a new site and a to enter in the fall have al- area do not take better ad- new growth. When the college vantage of the magnificient occupies its new campus in 1972, it will become a separate The Desert Campus of Ba- entity within the framework kersfield College has served of the Kern Joint Junior Col-IWV residents since its limit- lege District and will sport a ed start as an evening exten- new name. No longer will it be sion of Bakersfield College at a subsidiary of Bakersfield College.

The Desert Campus prothe college has grown to serve vides many programs of study over a thousand students in its for NWC residents. As a fully accredited two-year college, It's name has been chang- it offers background courses tion, chemistry, English, his-



NEVER TOO OLD TO LEARN—Students at the Desert Campus come from all different backgrounds and will represent several age groups. The photo above shows a typical classroom situation at the Desert Campus.

Facilities are modern, well lighted and airconditioned. The above class happens to be a course in Logic that is currently being taught by Frank Backus, who is a regular member of the faculty at Bakersfield.



MACHINE TECHNOLOGY—Courses are currently being taught at the Desert Campus leading to an AA degree in Machine Technology. One of the features of the program at this time is practical instruction by

Fred Ladda. This course is currently being conducted in the training annex of NWC as part of a program of cooperation between the Center and the College. It is also part of the Occupational Program.

mathematics, physics, and political science.

Assistant, notes that students employed at NWC. This relafrom the Desert Campus often tionship, according to Marsh, transfer to the California state has made it possible for the college and university system college to offer up-to-date and to private schools such as technical programs. Whittier College and the Uni- In the fall, as examples, versity of Southern California. Ruth Massaro, Code 4535 will

technology. This fall, for in- tronic Test Equipment.

tory, industrial technology, punch operation are also scheduled.

Many of the instructors at Ray Marsh, Administrative the Desert Campus are also

The college also offers well- teach Card Punch Operation: developed one-year and two- Jerry Zaharias, Code 3037, year programs in secretarial will teach Data Processing Systraining, computer data pro- tems; and Claude Wood, Code cessing, and drafting, as well 4021, will teach Fundamentals as machine and electronics of Electricity and Basic Elec-

lin Patterson, Code 3045; and college system. James Rieger, Code 5533.

Code 5545, will instruct industrial drawing classes and Fred desert. Dr. Marion Kibbe, who Bakersfield College, will teach Advanced Machine Shop.

Ansell, Code 6052, and Jo- will teach Applied Psychology. seph Dinsmore, Code 3565, will be teaching courses in analy- have cooperated in many other tic geometry and calculus.

se taught last spring was Po- tronics and welding classes lice Science 777, Search and and its video-tape machines stance, office skills such as Other courses in Electronics Rescue. Dr. Carl Austin, Code for speech instruction. In addityping, shorthand, and card Technology will be staffed by 603, initiated the course, per- tion, the Desert Campus Choir

John Denson, Code 5531; Rich- haps the only one of its kind has presented concerts in the ard Hughes, Code 40203; Ed- taught in the California junior All-Faith Chapel and the Sta-

Wives of NWC personnel In addition, Colburn Ingle, are also involved in bringing higher education to the high Ladda, himself a graduate of has a Ph.D. from Cornell University, will be teaching General Psychology in the fall, along Also in the fall, Dr. Gerald with Laura Broedling, who

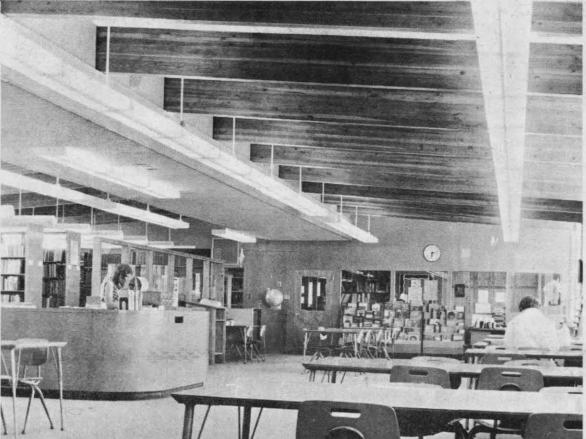
The college and the Navy ways too. The college has used A popular and unusual cour- the Training Center for elec-

tion Theatre. **Project Transition**

Recently the Desert Campus has participated in the Navy's Project Transition, which prepares sailors for discharge. Also, Paul Riley, counselor at the college, has assisted in occupational and educational counseling and has administered tests such as the School and College Ability Test and the Strong Interest

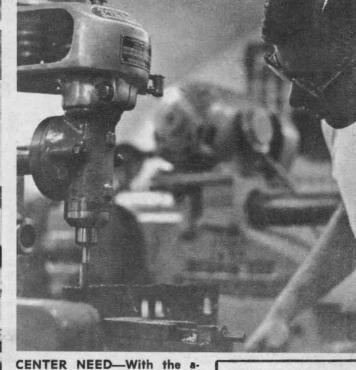
the program. NWC residents interested in cultural and personal develop-(Continued on Page 7)

Inventory to participants in



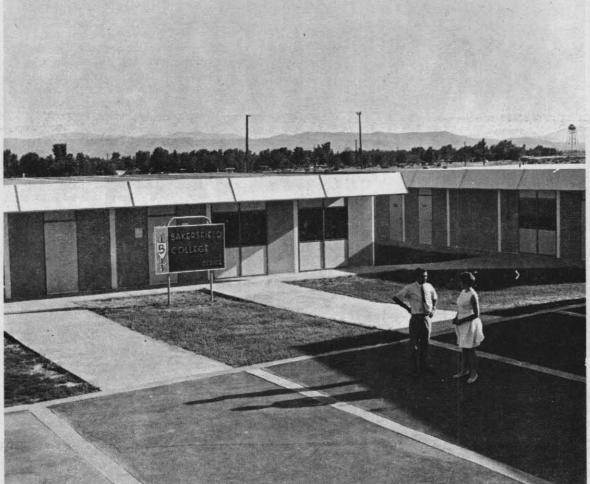
LIBRARY FACILITIES—Students at the Desert Campus have at their disposal the current library facilities of Burroughs High School. However, plans are currently on the drawing board that will eventually lead to the addition of the Campus' own library

facilities. To that end, the College has gained the services of Frank Selvera, who has been a professional libarian for many years, and who will take complete charge of the College's future library needs. Selvera comes to Ridgecrest from Porterville College.



bolishment of the Center's apprentice program, the College has responded with programs to supplement current NWC training programs. Above, an NWC employee furthers his chances for advancement by taking extra courses using the facilities of Bakersfield Col-

Photographs From **Portraits** By Jack



MAIN BUILDINGS-Ray Marsh, Administrative Assistant at the Desert Campus chats briefly with Carol Ward, one of the Campus Instructors, during a lull in the activity in the main area of the College. The

Desert Campus is currently occupying temporary quarters in a portion of Burroughs High School campus that is currently set aside for that purpose. Plans are underway to build a permanent campus in the area.



PHYSICS CLASS-Students in the above photo are shown participating in a laboratory experiment associated with a class in Physics which is taught by Gary Matulef, who is a full time member of the faculty at the Desert Campus. Many other similar courses are offered at the College to students primarily interested in taking courses in preparation for pursuing a B. A. or B. S. at other higher level ins-