

### Schedule Of College Drama Class Announced

Pat Schwarzbach, instructor of speech and drama at the Desert Campus of Bakersfield College, has announced the schedule of events for Theater 27, the class that produces the plays each year for the college.

The first offering will be Lewis Carroll's "Alice in Wonderland," slated for production in the fall. This program will be directed strictly toward children, Mrs. Schwarzbach pointed out.

Then at mid-year, the college will sponsor a Shakespearean festival. The show produced for the festival will be "Midsummer Night's Dream."

The spring production will be Gilbert and Sullivan's "The Mikado."

"In addition," Mrs. Schwarzbach said, "the class will put together an entry in the Bakersfield One-Act Drama Festival, and also will produce some student-directed one-act plays."

### Bicycle Club To Meet On Tuesday

The Indian Wells Valley Bicycle Club will meet Tuesday at 7:30 p.m. in Room N-57 on the Burroughs High School campus.

All interested bicyclists are urged to attend the meeting and bring their bicycles, as pictures will be taken.

Plans for laying out a road course for a Criterion bicycle race will be discussed by those present at the meeting.

Since its formation earlier this year, the Bicycle Club has had an active program of family bike rides on-Center, an Inyokern pancake breakfast, and other activities to take advantage of the fun and exercise obtained through bicycle riding.

## Enlisted Woman Assigned Duty At NWC Communications Office

The Naval Weapons Center's first regular duty enlisted woman in recent years arrived here last week.

Radioman Seaman Elizabeth Vass was assigned to the NWC Message Center as a teletype operator. Her arrival followed closely on the heels of Navywide distribution of a message from Adm. E. R. Zumwalt, Jr., Chief of Naval Operations, who urged all hands to "actively work together in order that we may more equitably include women in our one-Navy concept."

A graduate of the University of Arkansas, where she majored in history, RMSN Vass enlisted in the Navy this past January. After basic training and a month's attendance at Radioman School at Bainbridge, Md., the native of Roswell, N.M., was sent here for her first tour of duty during her four year enlistment.

She reported for duty at NWC Communications just three days following receipt of Z-gram 116, which outlined the CNO's views on equal rights and opportunities for women in the Navy.

"My position with respect to women in the Navy is that they have historically played a significant role in the accomplishment of our Naval mission," the message from



SCOUTING AWARDS PRESENTED—Four China Lake residents whose involvement in the Desert District Boy Scout program recently earned them the coveted Arrowhead Award are shown with the certificates that accompanied this prized insignia. They are (l.-r.) Herb Guest, Floyd Wegley, Beverly Bruce and Chief C. E. Bruce. The Bruces have been active in Cub Scouting and conducting Cub Scout Roundtable sessions, while Guest has participated principally in the Explorer program and Wegley has lent his time and talent as an adult leader of programs for both Cub Scouts and Boy Scouts. The presentations were made by Leon Nelson, Desert District Scout executive, during a meeting held at California City.

## PROMOTIONAL OPPORTUNITIES

(Continued from Page 2)

general and one year of specialized experience. File above applications with Pat Gaunt, Bldg. 34, Rm. 202 Ph. 2723.

Electronics Engineer, GS-455-11 or 12, or Physicist, GS-1310-11 or 12, PD No. 7240175, Code 4012—The incumbent performs and monitors reliability engineering tasks on infrared and TV guided missile systems. Prepares sections of development program plans involving reliability, maintainability and quality assurance. Job Relevant Criteria: Requires experience in reliability engineering or quality assurance. Performance of worst case analysis on electronic circuits and failure modes of electronic parts is desirable. Experience in proper use of electronic parts in complex circuits and a working knowledge of Navy drawings and specifications format is desirable. Minimum Qualification Requirements: As defined in CSC Handbook X-118.

File applications for the above with Elizabeth Sodergren, Bldg. 34, Rm. 206, Ph. 2676.

Automotive Mechanic Helper, WG-5823-05, JD No. 142-1, Code 70744 — Performs semiskilled work in connection with the routine maintenance and servicing of automotive equipment. Incumbent will be participating in

a Pre-Journeyman Development Program. Minimum Qualification Requirements: Rating will be on the basis of the appropriate J-Elements Standard in accordance with the CSC Handbook X-118C.

File applications and supplemental experience forms for above with Donna J. James, Code 657, Bldg. 34, Rm. 210, Ph. 2392.

Travel Clerk GS-2132-03, PD No. 185913, Code 8317—This is a trainee position. Duties include arranging travel by a variety of routes and carriers, screens travel requests and travel orders, estimates per diem, mileage and transportation costs, etc. Job Relevant Criteria: Ability to type, but not required to be a qualified typist, ability to meet and deal with the public. Minimum Qualification Requirements: As outlined in X-118. Advancement Potential: Travel Clerk GS-5.

Electronics Technician GS-454-7-9, PD No. 920616, Code 5713—Incumbent will be a member of group charged with acquisition, storage, and presentation of frequency and time division multiplex telemetry data systems on the Center's Aircraft Ranges. Principal duty station will be T-Pad. Ground station experience desirable. Minimum Qualification Requirements: As outlined in X-118. Job Relevant Criteria: Skill in data handling and analog presentation. Must work directly with project, contractor, and other professional personnel.

File applications for above with Dora Childers, Code 657, Rm. 212, Ph. 2514. Clerk-Typist, GS-322-4, PD No. 7245095, Code 4545—This position is located in the Warhead Analysis Branch, Conventional Weapons Division of the Propulsion Development Department. Incumbent provides secretarial type assistance to the branch head and clerical assistance to the branch staff, as needed. Incumbent has complete responsibility for planning, setting up and maintaining files and records, receiving and distributing mail for the branch. Incumbent types correspondence, letters, memos, technical reports and studies. Duties include typing, timekeeping, and travel orders. Job Relevant Criteria: Must be a qualified typist. Demonstrated telephone reception skills and experience typing administrative and technical subject matter. Magnetic Card Electric Typewriter operation experience is desirable. Minimum Qualification Requirements: As defined in CSC Handbook X-118.

Editorial Clerk, GS-1087-4 or 5, PD No. 7245094, Code 4551—This position is located in the Documentation Branch, Engineering Division, Propulsion Development Department. The function of this branch is to provide technical film reports, slide presentations, photographic booklets, illustrations and technical reports to present information on the department's technical programs and facilities. Incumbent assures that manuscripts are suitable for publication in terms of organization, format, grammar, spelling, punctuation, abbreviations, verification of references, and correct use of symbols. Assures material to be published has been reviewed and concurred in. Minimum Qualification Requirements: One year of general clerical experience plus one year of specialized experience for the GS-4 and two years of specialized for the GS-5 in the type of work shown above. Job Relevant Criteria: Experience in copy editing and typing technical reports for publications is desired. Experience with IBM magnetic tape selective typewriter required and experience with IBM composer desirable. Advancement Potential: To the GS-6 level.

File applications for above with Linda Grossman, Rm. 204, Bldg. 34, Ph. 2925. Physicist, GS-1310; Electronics Engineer GS-455; Electrical Engineer, GS-450; or Mechanical Engineer, GS-430-9, 11, 12 or 13, Code 35014, one position — Position is in the NWC Optical Countermeasures Coordination Office and requires broad based technical background in area of missile guidance or optics. Work will include but is not limited to technical liaison with on and off Center activities working on IR and EO seekers and countermeasures, analysis of present and possible future guidance and detection devices for susceptibility to countermeasures; development of general guidelines and techniques for countering missiles, and consulting in the general area. Job Relevant Criteria: Must have experience in optical design or missile guidance development on IR measurement. Minimum Qualification Requirements: As defined in CSC Handbook X-118.

File above applications with Liz Sodergren, Bldg. 34, Rm. 206, Ph. 2676.

## SHOWBOAT

MOVIE RATINGS  
The objective of the ratings is to inform parents about the suitability of movie content for viewing by their children.  
(G) - ALL AGES ADMITTED  
General Audiences  
(PG) - ALL AGES ADMITTED  
Parental Guidance Suggested  
(R) - RESTRICTED  
Under 17 requires accompanying Parent or Adult Guardian

FRI. 18 August  
"BIG JAKE" (106 Min.)  
John Wayne, Richard Boone, Maureen O'Hara  
(Western) Big Jake was a rough and tough loner until his wife told him to come home and rescue his kidnapped grandson! Then he joined his cycling son and an Apache friend and made his own brand of WAR! (PG)  
NO SHORT SUBJECTS

SAT. 19 August  
—MATINEE—  
"GERONIMO" (101 Min.)  
Chuck Connors  
"HAVE GUN WILL TRAVEL" (7 Min.)  
—EVENING—  
"QUICK, LET'S GET MARRIED" (96 Min.)  
Elliott Gould, Ginger Rogers, Barbara Eden  
(Comedy) Master thief Ray Milland discovers a legendary treasure under a town statue. While working on it he makes pretty Barbara believe the statue talked to her. A miracle! Here's a super cast in a barrel of fun! (PG)

SUN. & MON. 20-21 August  
"SITTING TARGET" (92 Min.)  
Jill St. John, Oliver Reed  
(Suspense) All Harry had to do to kill his unfaithful wife and retrieve his hidden loot was to break out of jail—and that he DID! There's enough plot twists to maintain hair-raising suspense about pretty Jill. (R)

"SKY CAPERS" (14 Min.)  
TUES. & WED. 22-23 August  
"A SWINGIN' SUMMER" (84 Min.)  
Raquel Welch, James Stacy  
(Comedy-Drama) Suddenly out of jobs a young trio tries to promote dances at Lake Arrowhead pavilion and as plans proceed so do summer romances among the bikini crowd at the beaches. Gary Lewis & the Playboys, the Rip Chords and Donnie Brooks also round out a swingin' fun film. (PG)

"CURED DUCK" (7 Min.)  
"PERFECT GAME" (9 Min.)  
THURS. & FRI. 24-25 August  
"PATTON" (110 Min.)  
George C. Scott, Karl Malden  
(War Drama) Academy Award winner Scott portrays famed tank commander General Patton, who was both pious and profane, who defeated the wily Desert Fox, Rommel, won glory by the invasion of Sicily yet suffered humiliation by a personal incident. Once of the classic films of our time... DON'T MISS! (PG)  
NO SHORT SUBJECTS

YOUTH CENTER MOVIES  
The Youth Center-sponsored movies for next week are as follows:  
Tuesday, Aug. 22 — "Invisible Boy," and an MGM cartoon.  
Wednesday, Aug. 23 — "Wonderful World of the Brothers Grimm," and an MGM cartoon.  
Thursday, Aug. 24 — "Tonk," and a Walt Disney cartoon.

Admission is free to Youth Center members whose dues are paid on a yearly basis and expire after Sept. 1. Admission is 25 cents to all others. The movies start at 1 p.m. in the Center Theater.

NEW NAVY RATING  
A Legalman rating is being established for enlisted Navy personnel. Legalman training will consist of court reporting, legal administration, investigation, assistance, and claims settlement.

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## Ex-Corona O-in-C Heads Command Adm. Dept.

The new head of the Command Administration Department at NWC is a third-generation Oklahoman, with solid family ties in that state.

Born in Hillsdale, Okla., Cdr. Charles D. Brown explained that the state was home to his dad and mother and that both sets of his grandparents homesteaded in Oklahoma when the Cherokee Strip was opened to settlers.

Now Cdr. Brown and his family call China Lake their home, but they had numerous moves to make to get here. Several times in Cdr. Brown's childhood his family moved to accommodate his father's schoolteaching career, so that, although Cdr. Brown was graduated from high school in Hillsdale, his birthplace, he went to half a dozen schools in Kansas in the course of receiving his elementary and secondary schooling.

Upon completion of high school in 1946, Cdr. Brown entered the Navy through the V-5 Aviation Midshipman Program, called the Holloway Plan. Under this program, he attended Oklahoma State University for two years.

Flight training followed, and in March 1950 Cdr. Brown received his pilot's wings.

He was then assigned to VF-194, a squadron based at Alameda. This was during the Korean War, and Cdr. Brown said he spent "one tour over there as a Spad driver."

Duty as a Primary Flight Instructor at NAS Whiting Field occupied the next year and a half of Cdr. Brown's Navy career.

In 1954, Cdr. Brown returned to college to complete the Holloway program. He was graduated from the University of Colorado in 1956 with a bachelor's degree in mechanical engineering.

His next tour was for two years with the Airborne Early Warning Squadron (VAW-12) where he was the AD5W Detachment Operations Officer.

A year's tour as Air Wing Maintenance Officer for Air Task Group 181 led to Cdr. Brown's next job—that of Maintenance Officer for Attack Squadron 42. This Skyraider squadron was organized to conduct a replacement pilot training program.

"While I was in VA-42, I applied for and was accepted for post-graduate school," Cdr. Brown recalled. He attended the University of Michigan for two years, and in 1961 received a Master's degree in aeronautical and astronautical engineering as well as instrumentation engineering.

From 1961 to 1963 Cdr. Brown served as Project Officer for the Field Command Defense Atomic Support Agency. He explained, "I was the Joint Task Group Project Officer—I was in charge of conducting service evaluation of warheads and nuclear weapons prior to their entering inventory."

A staff assignment to COMNAVAIRLANT filled the next three years of Cdr. Brown's Navy career. As the Nuclear Weapons

Readiness and Training Officer, Cdr. Brown said that his job entailed "principally training people on ship who were handling nuclear weapons plus squadron personnel." He added that he "established training criteria and the degree of training and evaluated readiness of units in that area."

A short year with VAW-11 at North Island followed. "I was the squadron exec, then the Wing Operations Officer," Cdr. Brown said. "During the time I was there this large composite squadron was broken up and they made six or seven different squadrons out of it."

As Weapons Officer for the next two years aboard the USS INTREPID, Cdr. Brown participated in two deployments to the Tonkin Gulf area.

"Then I went to the Naval Weapons Center Corona in July 1969," he recalled. "The principal

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Naval Weapons Center  
China Lake  
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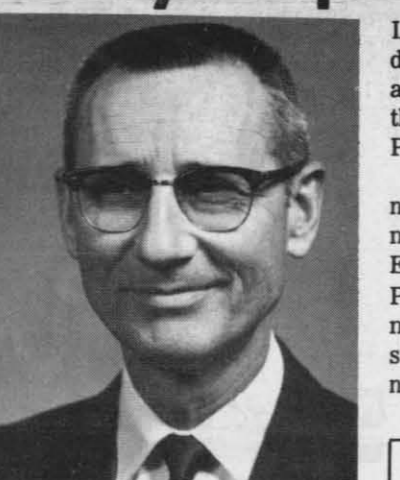
INSIDE...  
Red Cross Sends Thanks ..... 2  
Visitors Briefed ..... 3  
Summer Employees ..... 4-5  
Sports ..... 6  
Respect Due Flag ..... 7  
Enlisted Woman Assigned Here . . 8

## Davis To Become First Civilian Head of Security Department

Duties of head of the Security Department will be taken over on Monday by William E. Davis, a civilian employee of the Naval Weapons Center for the past 18 years.

Davis, who has been the head of staff for the Electronic Systems Department since 1970, will become the first civilian to direct the Security Department at China Lake. He will succeed LCDR. R. M. St. Germain, who is leaving NWC for duty aboard the USS Coral Sea after putting in a two year tour as head of the Security Department.

A supply officer with Navy amphibious forces during World War II, Davis was recalled to active duty in 1950 when the Korean conflict broke out. After serving until 1953 with a minesweeper



William E. Davis  
squadron as a supply officer, he was sent here to serve as Officer-in-Charge of the Commissary. Davis' civilian career at China

## ETN-2 Melgaard Selected As 'Bluejacket of Month'

Electronic Technician Second Class Richard A. Melgaard, 30, who works in the transmitters and receivers shop at NWC, has been selected "Bluejacket of the Month" for August.

As a result of his selection, ETN-2 Melgaard will be treated to a weekend in Bakersfield by that city's Greater Chamber of Commerce. During his stay there he will receive his rooms from the Downtown Inn and his meals at the Westchester Bowl, two of the participating merchants in the "Bluejacket of the Month" program.

Prior to leaving the local area, the August Bluejacket will be loaned the keys to a new Ford from Desert Motors, in Ridgecrest, for use on the holiday weekend.

In addition, he will receive a

hospitality packet which contains gift certificates and discount coupons from Bakersfield merchants.

Melgaard, a native of Newburg, (Continued on Page 3)



ETN-2 R. A. Melgaard

Lake began in 1964 when he was discharged from the Navy and accepted employment as head of the Administrative Division in the Public Works Department.

Two years later (1966) he was named associate head for administration in the Propellants and Explosives Department (now the Propulsion Development Department) and in 1960 became head of staff in the former Aviation Ordnance Department.

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## VX-5 Change Of Command Set Next Fri.

Naval Weapons Center employees and residents are invited to attend the Air Test and Evaluation Squadron Five (VX-5) formal change of command ceremony next Friday, Aug. 25, at 10 a.m. at the Naval Air Facility.

At that time, Capt. Carl "Tex" Birdwell, Jr., who has been the Commanding Officer of VX-5 since October 1970, will be relieved by Capt. Edwin M. Crow.

A veteran of 24 years as an officer and Naval aviator, Capt. Crow will be reporting here from Washington, D.C., where he has served in the Naval Air Systems Command since 1970 as the Navy's A-7 aircraft Deputy Project Manager until seven months ago when he became the Project Manager.

Capt. Birdwell is leaving here to take over the duties of Director of the Naval Test Pilot School at the Naval Air Station, Patuxent River, Md.





**GLENN RETIRES**—William W. Glenn, a procurement analyst in the Procurement Division of the Supply Department, retired recently with 35 years in Civil Service. He is shown receiving the "Sacred Order of Dust Devils" from Capt. E. M. Wieseke, former Director of Supply. Glenn served at Mare Island Naval Shipyard for 20 years prior to moving to Corona as the contracting officer, then became assistant head of the Supply Department there. He came to China Lake following the consolidation. He and his wife, Mary (right) will live in the local area. Their plans include extensive traveling, including a trip to Florida very soon.

**PROMOTIONAL OPPORTUNITIES**

Applications for positions listed in this column will be accepted from current NWC employees and should be filed with the persons named in the ad. All others desiring employment with the Naval Weapons Center may contact the Employment Division, Code 652, Extension 2069. Current applications (SF-171) or Standard Form 172 should be submitted bringing your work history up to date if one has not been submitted within the last 4 months. The fact that positions are advertised in this column does not preclude the use of other means to fill these positions. Part of the ranking process of those rated as basically qualified will be a supervisory appraisal form that will be sent to the employees present and most recent previous supervisor. Selection shall be made without discrimination for any nonmerit reason.

**Mechanical Engineer, GS-9-9, 11, or 12 (2 vacancies), PD No. 355048, Code 5526** — Responsible for identifying and correcting design deficiencies and for incorporating production changes in the development of the inertial systems components of guided missiles. Objectives are to improve missile performance and reliability, increase missile service life, reduce production costs, and conserve critical material. Minimum Qualification Requirements: Outlined in CSC Handbook X-118, B.S. degree or equivalent required. Job Relevant Criteria: Experience and/or knowledge in Missile Control Systems utilizing hydraulic, electrical, mechanical and pneumatic principles.

File application for above with Joan Macintosh, Code 657, Ph. 2371.

**General Supply Assistant, GS-2001.7, Pos. No. 225014, Code 251** Training position leading to the full performance of the duties of Head Ordnance Control Branch. Assists engineers in determining ordnance material needed for project tests and experiments. Insures items are in stock when required. Supervises preparation and submission of requisitions for non-standard items required for tests; coordinates and obtains proper clearances for shipment of ordnance items. Provides technical information pertaining to packaging, handling and marking of ordnance items for shipment. Coordinates the movement of explosives, ammunition and ordnance items out of stock and to project engineers. Prepares detailed schedules for movement of ordnance materials; reviews ordnance and ammunition inventories and arranges for excess disposition. Minimum Qualification Requirements: Three years general and one specialized. Job Relevant Criteria: Experience indicating a knowledge of safety factors involved in the handling, use, and storage of explosives; ability to deal effectively with others. Knowledge of I.C.C. freight classification of ammunition, explosives and ordnance items. Knowledge of inventory control, receipt control and maintenance of stock records. Advancement Potential: Up to GS-11.

**Editorial Clerk (Typing), GS-5-1087-4.5, Pos. No. 7160014, Code 4658** — Performs both secretarial and editorial duties in the Polymer Science Branch, Chemistry Division. From rough drafts or recordings, edits and types NAV-WEPS reports, Technical Memoranda, open literature publications and reports on seminars, conferences and scientific meetings. Is responsible for organization, format, grammar, spelling, punctuation, abbreviations, verification of references and correct use of symbols. In addition, will prepare correspondence, occasionally literature searches, answers telephone, files, distributes incoming mail and makes travel arrangements for members of the branch. Minimum Qualification Requirements: One year for GS-4 and GS-5 of general experience and one year for GS-4 and two years for GS-5 specialized experience. Specialized experience must clearly demonstrate that applicant furnish editorial assistance in editing and typing from a dictating machine scientific reports and publications. Job Relevant Criteria: Experience which required the incumbent to edit scientific reports and publications from a dictating machine; performing general receptionist and secretarial duties for an organization including filing, travel orders and personal paperwork. Advancement Potential: GS-4 to GS-5.

File applications for the above with Claire Lewis, Bldg. 34, Rm. 204, Ph. 3118.

**Supervisory Guard, GS-085-S, PD No. 4186, Code 8436 Corona Duty Station** — The incumbent of this position is one of three sergeants of the guards directly under the supervision of the guard supervisor who is branch head. As a guard shift supervisor he is responsible for supervision of approximately 5 guards who perform guard services at FM-3AEG. Job Relevant Criteria: Ability to supervise. Minimum Qualification Requirements: 3 years of experience.

**Clerk (Typing), GS-3 or 4, PD No. 7284017, Code 9411** — The incumbent will assist the Security Clerk, Internal Security Branch, in reviewing requests for investigations and in the preparation and maintenance of security records and files. Will serve as an interviewer when required, obtaining required information from personnel being processed for access to the Center or employment and typing into the appropriate form. Job Relevant Criteria: Tact, courtesy, and capacity for effective public contacts is essential. Must have typing ability. Skill at interviewing is desirable. Minimum Qualification Requirements: GS-3 one year experience; GS-4 one year of

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**HANDICAPPED YOUNGSTER HELPED**—Ronald R. Roberts, 6-year-old son of Dr. and Mrs. Richard A. Roberts, of China Lake, this past Sunday received a Braille wristwatch that was purchased for him on the behalf of the members of Aerie No. 3243 of the Fraternal Order of Eagles. The presentation was made by Dan Lydon, who heads the Sires Club, an organization of past presidents of the Eagles Lodge. Looking on are the boy's mother and father and (at right) Don Rupe, chairman of the Eagles' project to aid the Junior Blind. Young Roberts is classified as totally blind, but has some vision. He attends a special class for the visually handicapped at Groves School.

**Red Cross Sends Thanks For Aid to Flood Victims**

A letter of appreciation for the financial help provided to flood victims in various parts of the U.S. was received last week from the American National Red Cross by James R. "Danny" Dandurand, treasurer of the ad hoc Committee of Concerned Citizens for Flood Relief.

H. L. Batschelet, special assistant to the Director of the Office of Members and Funds for the Red Cross, wrote, in part, as follows:

"I am happy to acknowledge your letter of Aug. 3 and extend our thanks to you and the other 'Concerned Citizens for Flood Relief' for a commendable community effort in behalf of the disaster victims."

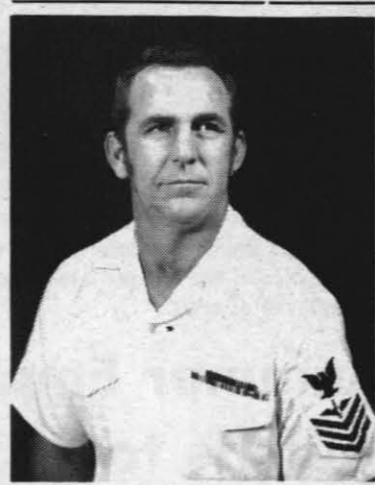
Batschelet reported that the Red Cross has flood operations going in 12 states, and widespread disaster relief operations have depleted Red Cross disaster funds. "More than 65,000 families will require

**Assessments Due Following Fisher's Death**

Assessments are now due from members of the Government Employees Benefit Association and the China Lake Mutual Aid Society following the death of Emil Fisher.

A retired former employee in the Building Trades Branch of the Public Works Department's Maintenance-Utilities Division, Fisher, 67, died on Aug. 12.

Larry Mason, secretary-treasurer, also noted that any GEBA - CLMAS members who are planning to retire must contact him by calling 375-2846 in order to continue their membership and also arrange to pay assessments by mail.



**SIGNS OVER FOR 2** — AG1 Gayle T. Smith, a 14-year Navy veteran, recently re-enlisted for two more years during a ceremony conducted by Cdr. L. W. Gire, Executive Officer of the Naval Air Facility. A native of Maricopa, Calif., AG1 Smith was transferred to NAF a year ago from NAS Los Alamitos, Calif. Since his arrival here, AG1 Smith has been assigned to the Naval Weather Service as duty forecaster and assistant Chief Petty Officer-in-Charge.

**Employee In The Spotlight**

Upon his graduation from Eugene High School, Eugene, Ore., Fred Davis was awarded a freshman scholarship to Harvard University, Cambridge, Mass. While a student at Harvard, he began an association with two different careers that have run parallel most of his adult life: science and the U.S. Navy.

Fred was born in Hettinger, N. Dak., but his family moved to Eugene when he was nine years old. "I had always been interested in science, chemistry, mathematics and similar things when I was a boy," he recalled. "While in high school I met the requirements for the scholarship and after passing a test, I won the award."

After taking up his studies, Fred joined the Navy's V-12 program at Harvard. In the middle of his junior year he transferred to CalTech, but he was awarded his BS degree in applied physics from Harvard.

Following his graduation, he attended Midshipmen's School at Notre Dame University, South Bend, Ind., and then served in the U.S. Navy from 1943 until 1946. He was sent to the Tactical Radar School at St. Simons Island, near Brunswick, Ga., and served in radar and countermeasures during his Naval service.

From 1946 to 1949 he worked as an engineer with Jet Propulsion Laboratory (JPL), Pasadena, where he was in charge of rocket and guided missile telemetry receiving and recording systems.

In 1949, Fred was employed as a project engineer with the Underwater Ordnance Department, NOTS, Pasadena. While there he worked with missile and torpedo instrumentation, analog and digital recording devices, transducers, underwater acoustics, telemetry receiving and transmitting equipment.

That lasted until 1952 when he joined NOTS, China Lake, as the head of the Guidance and Control Branch, Guided Missile Division, of the old Aviation Ordnance Department.

"In 1951, Bill McLean asked me to build telemetry for Sidewinder, and I began making many round trips up here from Pasadena," Fred explained. "After a short period of time, I decided I wanted to get into guidance and control, so I took the opportunity offered me to transfer to the desert."

The move was a natural one for Fred, who had been spending the weekends visiting the desert in order to get out of the city traffic and crowds.

However, the lure of private industry wooed him away from Civil Service in 1964 and he joined ACF Industries as an engineering staff consultant. In 1955, ACF made him the regional engineering manager and Fred put in two more years with them before deciding to return to Civil Service and China Lake.

He returned to the Weapons Development Department as a consultant in applied research, advanced development, technical advisor in physics, electronics, missiles and weapons systems.

In 1968 he was made a special research assistant for AOD, and worked on missile guidance



Frederick H. Davis

systems, radar systems, television systems, underwater acoustics, optics, and other special research fields.

Then in 1970, he was made a science advisor to the Commander, U.S. Naval Forces, in Korea, and also a consultant to the Electronic Systems Department.

From April to August 1967, Fred was the Naval Weapons Center's first representative to the III Marine Amphibious Force at Da Nang, South Vietnam, on the Vietnam Laboratories Assistance Program (VLAP), and in late 1969, he served on the Director of Navy Laboratories Committees on Vietnamization, and Mines and Booby Traps.

He is now the coordinator for the China Lake Marine Corps' programs and for the Navy Science Assistance Program (NSAP).

He did such a fine job in Korea that Kim Sang Kil, ROK Chief of Naval Operations, said of him: "... His pleasing personality, integrity, keen intelligence has done much to the successful and friendly relationship which happily prevails between our two Navies... It is recommended that his tenure of duty is to be extended for some considerable long period of time so that he may work and stay with us a little longer for the betterment of the Republic of Korea Navy."

Fred is married to the former Patricia Alexander, presently director of Burroughs High School's continuation school. The couple is very keen on gardening and Fred raises orchids in a hothouse he built himself. In addition to his hybrids, he also raises some exotic and tropical plants. "I'm a gadgeteer," Fred noted. "I like to build things and enjoy working on my three automobiles." The Davises own some property in the Alabama Hills where Fred one day plans to build his own home. "I want a workshop of my own," he said, "and I really love the desert environment, so I won't stray too far away."

Pat collects antiques and old books. One of her prize possessions is a Ming vase she found in the Philippines. The two also enjoy camping and usually go to northern California every winter for duck and goose hunting.

Fred also plays golf and plays with their two dogs, Bummy and Duke. Bummy is a mongrel they inherited from the Frank Bothwell family in 1958 and Duke is a 3-year-old golden retriever. "We have shown Duke and he now has six points toward a championship," Fred said.

**Traffic Must Halt During Flag Ceremony**



**TRAFFIC NEARBY MUST HALT**—Under Navy regulations, proper respect to the American flag requires that all vehicles within sight or sound of the raising and lowering of the National Ensign be halted while their occupants sit at attention until the ceremony has been concluded. In recent weeks, complaints have been received indicating that not all NWC employees are aware of this requirement.

A number of complaints have been received recently from Naval Weapons Center employees who are concerned about the lack of respect shown by some of their co-workers during the daily ceremony of raising and lowering of the American flag.

The ceremonial hoisting and lowering of the National Ensign takes place daily at 8 a.m. and sunset at the flagpole located in front of the NWC Administration Building.

At such times, U.S. Navy Regulations require that all vehicles within sight or hearing of the ceremony must stop, and persons riding in such vehicles must remain seated at attention until the ceremony has been concluded.

**Signups Set For Chapman College Classes**

Registration for Term II of Chapman College will begin Monday and is slated to continue through Friday, Sept. 1, at the Resident Education Office, 218 N. Sanders St., Ridgecrest.

Six classes will be offered that can be counted toward fulfilling the requirements and electives for Bachelor of Arts degrees in social sciences, sociology-criminal justice and the Master of Education degree.

The classes, all of which carry 3 units of credit, will be held at Pierce Elementary School. The schedule follows:

Education 310, Elementary Curriculum, Monday and Wednesday, 8 to 11 p.m., Bill Stokes, instructor.

Education 671, Psychology of the Exceptional Child, Tuesday and Thursday, 5 to 8 p.m., Dr. Ellis Tiffany, instructor.

History 433, Civil War and Reconstruction, Tuesday and Thursday, 8 to 11 p.m., Dr. Ralph Van Brocklin, instructor.

Social Welfare 498, Counseling Techniques in Social Work, Monday and Wednesday, 8 to 11 p.m., Nancy Jacobs, instructor.

Psychology 421, Mental Hygiene, (no times as yet) Dr. Ellis Cline, instructor.

Education 608, Seminar in Social Foundations, Monday and Wednesday, 5 to 8 p.m., Dr. Sarkavey, instructor.

Chapman College Residence Education Centers presently exist on 20 military installations in the state of California and serve military personnel and civilians in isolated areas with programs geared toward the needs of the individual. Half tuition is available to all military dependents (active and retired) and Department of Defense civilian dependents.

For further information about Chapman College, or free educational counseling, call 375-4416 between the hours of 8:30 a.m. and 4:30 p.m., or visit the college office at 218 N. Sanders St., Ridgecrest.

**UNIFORM CHANGES**  
Navy nurses are now authorized to wear a white pants suit type hospital working uniform.

**Photographer Ron Mills To Leave Rocketeer Staff**

The name Ronald Gray Mills, which has appeared under many photographs in the ROCKETEER during the past two years, will soon be but a memory. PH3 Mills has received his discharge from the U.S. Navy and will be leaving the local area sometime today.

Some of his photo spreads have contained images so interesting that readers of the paper have been caught up with a desire to "go see for themselves" the scenes captured by the lens of Mills' camera.

Always dressed in neat, mod fashion, Mills has been a good representative of the ROCKETEER staff. Many persons have

"I felt a deep yearning to express my artistic feelings. I tried painting, but that wasn't enough. So I took up photography, again," he said.

Mills was a photographer for the Mt. Miguel High School newspaper, in Spring Valley, Calif., prior to entering the U.S. Navy. While stationed at China Lake, he also served as a photographer and sports writer for the Bakersfield College publication, The Desert Knight.

Mills will return to his home town, Mesa, Ariz., and live with his family while he attends Mesa Community College. Then he has plans to attend either the Art Centre School of Photography, in Los Angeles, or Brooks Institute (for photography), in Santa Barbara.

"I will miss this area," he said. "There are still a lot of beautiful things around here I would like to photograph."

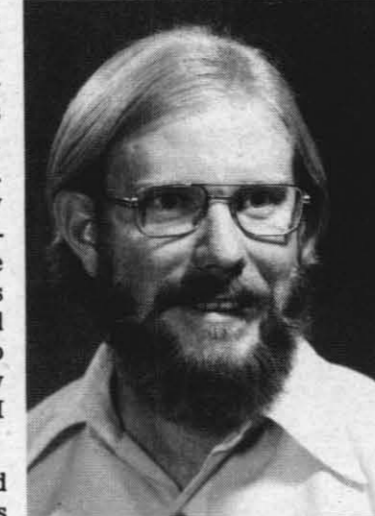
The staff of the ROCKETEER will also miss Mills, and the highly professional work he has done during his two year tour of duty.

**Dance Slated At Commissioned Officers' Mess**

There will be dancing under the stars tonight at the Commissioned Officers' Mess.

The Iron Horse will play on the club's patio from 9 p.m. to 1:30 a.m. A local band, the Iron Horse has played at other night spots in this area and will be appearing for the first time at the Officers' Club.

There is no admission charge for this dance, which is open to all club members and their guests.



Ronald Gray Mills

remarked about the young man with the flaming red beard, the clear glasses and swept back blonde hair as being "a gentleman," and "always cooperative" and "very businesslike."

Mills came to the ROCKETEER in March, 1970, from photography "A" school, in Pensacola, Fla. Prior to the school assignment, Mills had been an Aviation Bosun's Mate striker on board the USS Kitty Hawk.





In The Catbird Seat

By Jack Lindsey  
This is the year for golf. So I've been told by all those "in the know."

The China Lake golf course is in the best condition it has ever seen. The fairways are lush and green, the greens are smooth as silk, with most of poa-annua gone, and the look of the course is rapidly improving.

In the clubhouse, steps are being taken to brighten up the interior, new lines of clothing and equipment are being added, and more space is being provided in the locker room area.

The only thing we need now is members.

At the present time, the club boasts only 350 members. That may seem like quite a large number, but compared to the figure of 4,750 male and female employees of the Naval Weapons Center, the membership total seems rather small.

The present rate structure at the golf course is quite liberal. For only \$12 per month, any civilian employed on the Center can belong to the club. This entitles him or her to play all the golf they desire, with no further charges each month. For an additional \$5 per month, members of the employee's family may also play all the golf they desire.

For a hypothesis, let's take an employee and his wife, with two golfing-age children. If each of them played the maximum total of one round of golf per day, six days per week (the course is closed on Mondays), then that family could play 96 rounds of golf per month for \$17. That figures up to just slightly over 17 cents per 18 holes of golf.

Or, let's assume that the family plays one round of golf each per week. That makes the cost just a little bit more than \$1.06 per 18 holes of golf.

This has got to be considered the cheapest form of entertainment available on the Center, for which there is a charge. It would cost the same family \$1 to attend the Center theater, and that price is going up.

During the summer time it is entirely possible to play a minimum of 9 holes per day after getting off of work. Not only does the golfer benefit from the exercise involved, but it does marvelous for the built-up, pent-up tensions gathered in during the work day. Golf, of course, has its own breed of tensions, but the challenge of playing against the course and against yourself cannot be ignored.

Golf wear, equipment of all kinds, and other paraphernalia is available in the pro shop to all employees at discount prices. Truly, the sport of golfing can be enjoyed by all the employees of the Center at a very nominal rate.

So why don't more of you use this ideal Special Services facility?



STELLAR JUNIOR BOWLERS—The Hall Memorial Lanes Classic Junior Bowling team poses for its first picture together. They are, kneeling, Mike Lindsey; second row, l-r: Rhonda Billings, Bettye Clarke and Kelly Moulton, and back row, l-r: Buford Branson, Dale Diede and Craig LaFleur.

### Jr. All-Star Bowling Team To Represent Local Area

Mike Lindsey, 13, took top honors in the junior bowlers' All-Star team tryouts held last Sunday at Hall Memorial Lanes.

Nineteen junior bowlers from the local area took part in the three-game scratch competition, from which an All-Star team of four boys and three girls, ages 13 through 16, was selected.

Lindsey rolled games of 205, 179 and 143-527—to take the No. 1 position on the team. In second position is Craig LaFleur, 15, followed by Buford Branson, 15. The male alternate for the squad is Dale Diede, 16.

Kelly Moulton, 15, blasted a 489 series to lead the distaff side of the ledger. The other regular team member for the girls is Bettye Clarke, 16, who started the tourney off with a 99 game, but came back strong with games of 172 and 204 to win her place.

The girl alternate is Rhonda Billings, 14.

To Receive Coaching  
The seven-member bowling team will begin training on Sept. 10 under the watchful eyes of a pair of coaches, volunteers scheduled to aid with the team from a list of five adult bowlers in the local area.

The coaches are Myrtle Snyder, a part-time employee of Hall Memorial Lanes who has been very active in junior bowling for the past year; Wanda Billings, a high average bowler, also active in junior bowling; R. C. Jones, assistant manager of the China Lake bowling alley, and a 190-plus average bowler; Ken Dalpiaz, who since his own teen-age years has been a consistent high scorer on the local lanes and who is also a certified AMF (American Machine and Foundry) bowling instructor,

After having rated among the top four contestants in the North-South Divisional Golf Tournament, Chief Jimmy Armstrong, of the Naval Weapons Center, traveled last week to the 11th Naval District Golf Tournament in San Diego.

Unfortunately, Chief Armstrong didn't place in the top four in this tourney. Those who did qualify will travel to Whidbey Island, Wash., to compete in the Western Division finals on Aug. 21. The climax of this event will be the All Navy Golf Tournament which will be held in Miramar.

### Fast Pitch Title Won By Brown, Valley Merchants

The Valley Merchants won the China Lake Intramural Fast Pitch Softball League championship Wednesday night as they defeated the Bud Eyre Chevrolet, 5-2, behind the 4-hit pitching of their ace chucker, Billy Brown.

Gary Potteiger, shortstop for the Merchants, hit the only home run of the game. It came with no one on base in the second inning. The solo blast sailed high over the center field fence. Bert Andreasen was the losing pitcher.

More than 600 persons were on hand at Reardon Field to witness the game, the last in the regular season. The Bud Eyre team needed a win to force a playoff, but couldn't come up with the needed hits against Brown, whose fast ball was humming across the plate with monotonous regularity.

The Bud Eyre squad had led the league until Monday night, when they lost a disputed game to NAF and slipped into a tie for first place with the Merchants. Bud Eyre team manager Tom Short filed a protest after the game, won by NAF 5-4, over a "judgement call" by base umpire Lowell Radcliff. The disputed call came in the

first inning with two men on base for Bud Eyre, behind in the game 2-0. Drex Moulder, at bat, hit a Wednesday night to Jim Matsumoto, the NAF shortstop, and Jim Lee, running for third base, was called out for intentional interference with the shortstop.

Moulder was called out because, in Radcliff's judgement, he would have been out had Lee not interfered with Matsumoto.

The interference call was the judgement call involved, and the rules of softball clearly state that if a runner intentionally interferes with a fielder, then the batter-runner also is out.

A protest committee met at Special Services Tuesday afternoon and ruled that the protest be disallowed and the score stood. The committee found that (1) an umpire's judgement call may not be protested officially, and (2) that the rules also made Moulder a casualty.

The Indian Wells Valley Girls' All Star softball team pounded out two wins and swept its doubleheader against the Delano team last Saturday by scores of 30-7 and 17-0.

Robin Harbin collected a homer in each of the games to lead the IWV attack. Miss Harbin scored a total of eight runs, five of them in the first game. In the second game, in addition to her batting prowess, she pitched a one-hitter.

Myrna Martin, of the IWV All Stars, also scored eight times in the two games. Lynn Preston, Kathy Burkhalter and Bobby Gould, the winning pitcher of the first game, each scored four times to further the team effort.

The IWV Girls' All Star team will travel to Bell Gardens on Aug. 28 to participate in the Southern California Municipal Athletic Federation tournament.

Physical examinations required for admission to school and participation in athletics will be given at the NWC Dispensary next Tuesday and Wednesday afternoon for all eligible dependents of active duty and retired military personnel.

The exams will be offered beginning at 1 p.m. on both days, with Tuesday set aside for boys and physical checkups for girls slated on Wednesday.

Eligible students desiring to take advantage of this service must first obtain a physical examination form from their school office before reporting to the Dispensary.

An opportunity will be provided here next week for interested local residents to obtain first-hand information about a new type of physical training program.

Cliff Coker, a consultant in resistive exercise, will be here from Monday through Thursday to conduct classes for adult men and women, personnel of the NWC Fire and Police Divisions, and members of the Burroughs High School football squad.

Coker, who is president of Medimetrics, Inc., a firm that manufactures resistive exercise equipment, has been involved for 15 years in weight training and power lifting, and also has done a considerable amount of work in the field of rehabilitative therapy.

A graduate of the University of Washington, where he played varsity football for three years and was chosen defensive end on the all-Pacific Eight Conference team in 1968, Cliff Coker and his father, Charles, a former Olympic track coach, organized Medimetrics, Inc., in 1970, after the son had

### Girls' Softball All Stars Win Two From Delano

Physical Exams To Be Given To NWC Dependents

Annual Fete Set Over Weekend At Tehachapi

Two USC Profs To Visit NWC In September

Local Artist To Hold Watercolor Painting Classes

Chief Air Force Scientist Visits NWC

Second Rodeo Performance at NWC

Davis Gets Security Dept. Post...

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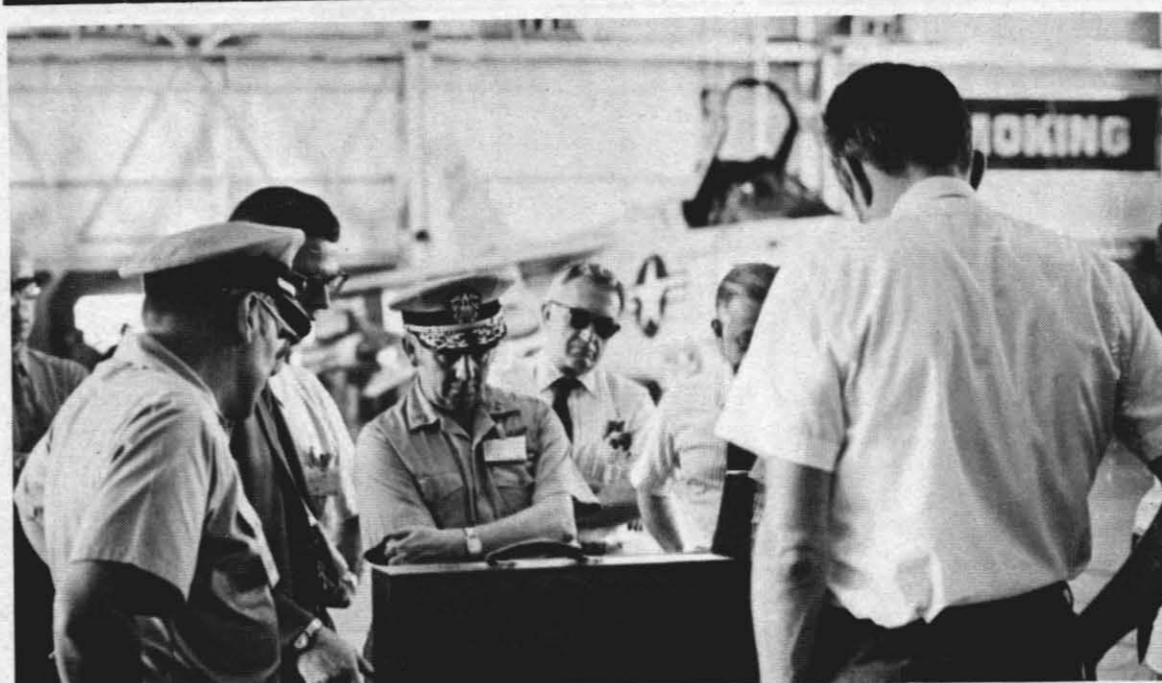
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NAVAIRSYSCOM VISITORS BRIEFED—Rear Adm. R. S. Miller, Assistant Commander for Research and Technology in the Naval Air Systems Command, led a team of visitors who spent two days here last week being brought up to date on various technical programs being carried out at the Naval Weapons Center. Having a look at information on the Anti-Personnel, Anti-Material Program (APAM) are (from left) Rear Adm. W. J. Moran, NWC Commander; Milton Burford, APAM Program manager; Rear Adm. Miller; H. G. Wilson, NWC Technical Director, and (back to camera) Dr. W. B. LaBerge, NWC Deputy Technical Director. Discussions centered on components that go into the weapons system and the manufacturing processes being used. This briefing was held at the Naval Air Facility's Hangar 3.

### Davis Gets Security Dept. Post...

(Continued from Page 1)  
He held the latter post for 10 years until moving to his most recent job as the Electronic Systems Department's head of staff.

Long recognized for his administrative abilities and for his contribution to the development of

administrative staff functions of the departments in which he has been employed, Davis served from 1955 to 1969 on the Center's Administrative Development Committee—the last 10 years as chairman.

In addition, he has been a member of the Department Staff Assistants' Council continuously since 1955 and also served on the Technical Administrative Panel since 1965.

Davis, whose outside duties since 1969 have included serving as a member of the board of trustees of the Kern High School District, was active in the establishment of the Work Experience Program which enables selected students at Burroughs High to benefit from a taste of on-the-job training in a variety of fields at the Naval Weapons Center.

In addition, the new head of the Security Department has been active on the Employee Services Board, the Recreation Council and the Safe Driving Council—a group he helped to reorganize and has served on since 1963. Davis also has been a member of the Screening Committee of the Shore Facilities Planning Board.

The schedule of events begins at 6:30 a.m. Saturday with a kick-off breakfast at the Masonic Building, in Tehachapi. A parade will begin at 10 a.m.

An art fair, plus Fiesta entertainment will take place at the city park, as will a barbecue, slated to begin at 11:30 a.m.

The rodeo will begin at 2 p.m. at the rodeo grounds, and a water show also will be held at 2 p.m. at the city's swimming pool for those persons not interested in equestrian affairs.

At 6 p.m., the Veterans of Foreign Wars will sponsor a Spanish dinner, to be held at the Veterans Hall, and the Mountain Bowling Lanes will hold moonlight bowling, scheduled to begin at 7 p.m.

Teenagers will also join in the fun at a teen dance, slated for 8 p.m. and a festival dance will cap the evening at the old Bus Barn, beginning at 9.

Sunday's events begin at 8:30 a.m. with church services at the Tehachapi High School's football field. The art fair will open again at 10 and an air show is slated to begin at noon.

A second rodeo performance is on tap at 2 p.m. Sunday, and the celebration will conclude with an open house, sponsored by the City of Tehachapi citizens, at the Community Church, beginning at 7 p.m.

His ability in handling a variety of work assignments has earned Davis three Outstanding Performance Ratings, one Superior Achievement Award, three Sustained Superior Performance Awards, and three Quality Step Increases. In 1967, Davis also was awarded a Fellow in Management.

Outside of his work his activities have included being a member and serving as president of the local chapter of the American Society for Public Administration, serving as a Cubmaster and Cub Pack chairman, involvement as an officer of the Burroughs High PTA, and participation in church work as a Sunday School teacher and superintendent. In addition, he has been a member of both the local Lions Club and Masonic Lodge.

Davis and his wife, Gretel, are the parents of four children. Two of them, their oldest son, Lee, and a daughter, Tomya Stensaas, are married, while two others, a son, Jeffrey, and another daughter, Mary, are both high school students.

The Davises also have two grandchildren, 6-year-old Ronda Davis, and Heather Stensaas, who is 4 months old.

Two professors from the University of Southern California are scheduled to visit the Naval Weapons Center on Friday, Sept. 15, to counsel students who are now enrolled in the USC Graduate Program in Engineering.

The two men who will be here in mid-September are Nasser Nahi, whose field is electrical engineering, and C. Roger Freberg, a mechanical engineering instructor.

An appointment for a counseling session can be made by calling the NWC Education Office, phone Ext. 2641, no later than Sept. 13.

In addition, prospective students desiring information about the USC Graduate Program in Engineering also are invited to make arrangements to contact Prof. Nahi or Freberg during their forthcoming visit.

The outstanding sailor was asked if he liked his duty assignment. "Well, I'll tell you," he began, "I once knew an old sailor who told me that there are only two good types of commands—the one you just left, or the one you are going to. I disagree with that statement," Melgaard said. "I think this particular command is tops, and I am working in an extremely smooth-running shop. The people I work with and for are outstanding," he concluded.

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The couple has a daughter, Julie, 3 years old, who was born in Kisarazu. In June, 1971, Melgaard finished his tour of duty and was assigned to China Lake.

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### Heads Command Administration...

(Continued from Page 1)  
Candace, will be a sophomore at Burroughs, and Kevin, the youngest son, will be an eighth grader at Murray School this fall. "Our family hobbies are gardening and camping," Cdr. Brown said. "We do desert camping in the winter and go to the mountains in the summertime."

Bluejacket...  
(Continued from Page 1)  
N. Dak., where he was graduated from Newburg High School, is an eight year Navy veteran. From 1961 to 1963 he attended the North Dakota State School of Science, in Wahpeton. Upon completion of the two-year course, he became eligible to take the state examination for a journeyman electrician's license.

After successfully completing the examination, Melgaard was issued the license and following a short period of time went to work for the Ace Electric Co., in Minot, N. Dak.

He had been building a career in electronics even while in high school. During the summers and after school, Melgaard worked for the Larsen Electric Co., in Newburg, as an apprentice electrician.

The outstanding Bluejacket carried that career one step further when he enlisted in the U.S. Navy in June, 1964. After basic training and electronics technician "A" school at Great Lakes, Mich., Melgaard attended sea school in Vallejo, Calif.

Following his graduation he was assigned to shore duty in Yokosuka, Japan.

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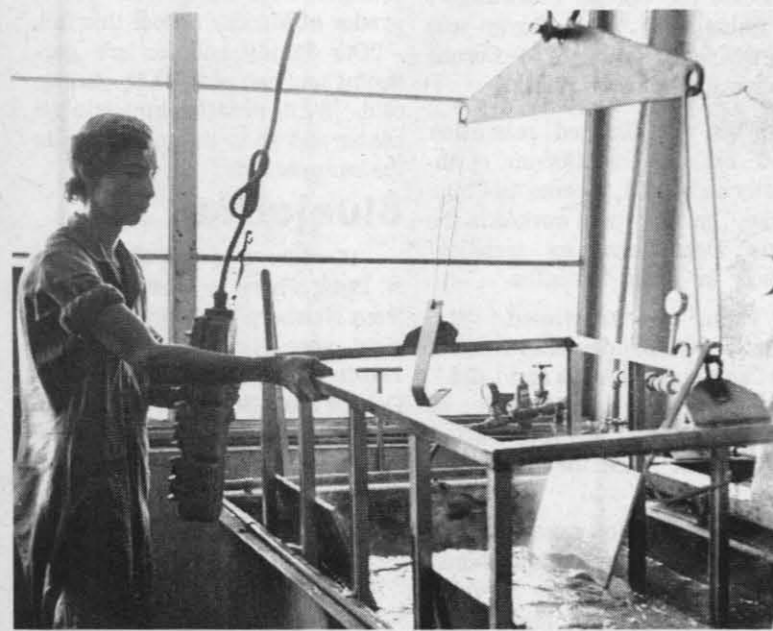
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CHIEF AIR FORCE SCIENTIST VISITS NWC—Dr. E. E. Covert, right, Chief Scientist of the U.S. Air Force, received an NWC plaque from Rear Adm. W. J. Moran, NWC Commander. During a brief stay at NWC, Dr. Covert received up-to-date briefings on joint Air Force-Navy development programs and was taken on a tour of the Center. In addition, he was given a briefing by Capt. T. C. Wimberly, NWC Technical Officer, and viewed the "Highlights" film. He also met with NWC top management to discuss Air Force-Navy programs currently being developed at NWC.



# Summer Employees From 20 States Handle Varied Assignments at NWC



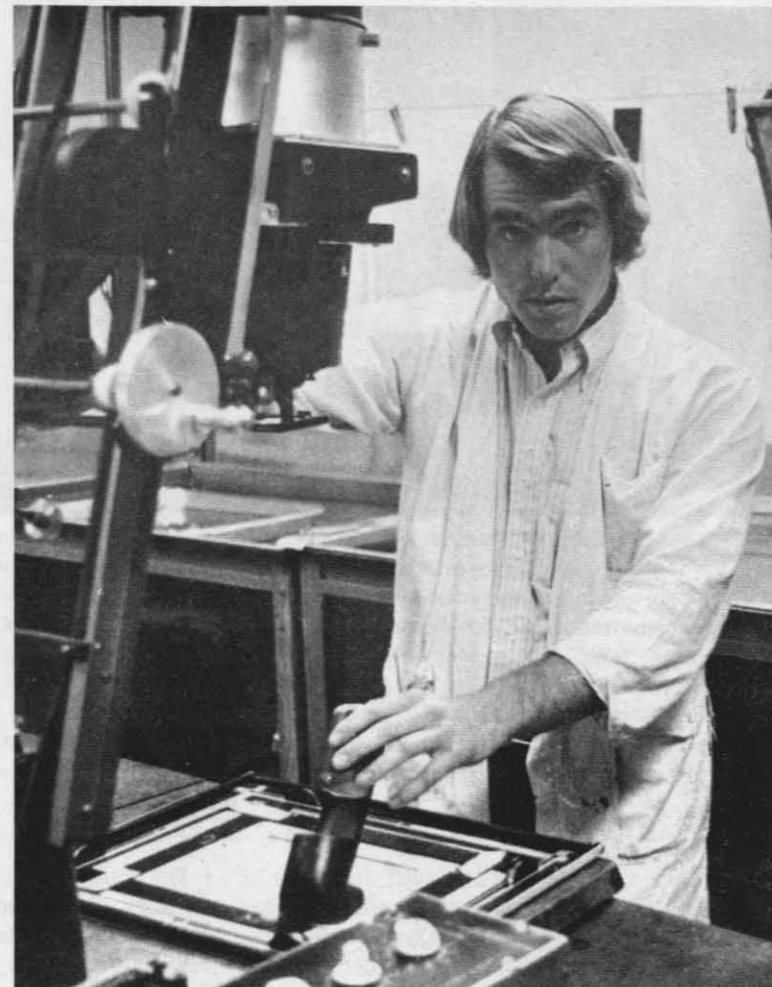
KEITH BATTS cleans aluminum in a chemical solution prior to anodizing, a process in which aluminum parts are coated with a protective covering. An employee this summer of the Engineering Department's Shop Branch, Keith will be a senior at Burroughs High School this fall.



SHARON ROBINSON AND THERESA WUEST pause in the midst of a typically busy day in the Storage and Retail Branch of the Supply Department. Sharon (at left) works as a keypunch operator and Theresa is a clerk. Sharon plans to complete her studies at Burroughs High School this coming school year; while Theresa, a 1972 Burroughs graduate, hopes to obtain permanent employment at NWC.



CAROLYN McLENNON sits at her drawing board in the Systems Development Department's Aircraft Guns Systems Branch, where she is working this summer as a draftsman. This fall Carolyn will be a freshman at Chico State College, with plans to major in drama.



RAYMOND (GREG) HOCKER works at a photographic enlarger in the Code 30 Photo Lab. This summer Greg is getting practical experience related to his chosen field of study. In the fall he will enter Brooks Institute as a freshman, with plans to major in photography.

## 241 Employed in NWC Summer Program...

(Continued from Page 1) engineering, electrical-electronic engineering, mechanical engineering, engineering aid, physicist, physical science aid, mathematician, mathematics aid, motion picture production specialist, television production specialist, chemist, employment development specialist, firefighter, clerk typist, clerk, computer aid, library aid, warehouse personnel, shipping and receiving, draftsman, lifeguard and various laborer-helper positions in the crafts category. The method by which these employees got their summer jobs at NWC has been spelled out clearly by the U.S. Civil Service Commission. Each year in late October, the Summer Employment Examination is announced by the U.S. Civil Service Commission.

Individuals who are interested in receiving consideration for summer employment next summer should apply under the provisions outlined in the announcement as soon as it becomes available. It is strongly recommended that students take the first test given. The first test is normally given in January of each year. It is necessary to apply by the end of the first week in December in order to be scheduled for this test. There are indications that the test dates may be changed for the coming year. Current summer employees should contact the Summer Employment Coordinator by calling Ext. 3590 prior to their return to school this fall if they wish to discuss the possibility of employment at the Naval Weapons

Center next summer.

Local students should contact the Summer Employment Coordinator while they are home during the Thanksgiving holiday period to obtain the application form necessary to apply to take the test or use the grade-point average bypass. The Personnel Department has received information that the grade-point average bypass may be raised to 3.5 out of a possible 4.0 for all students.

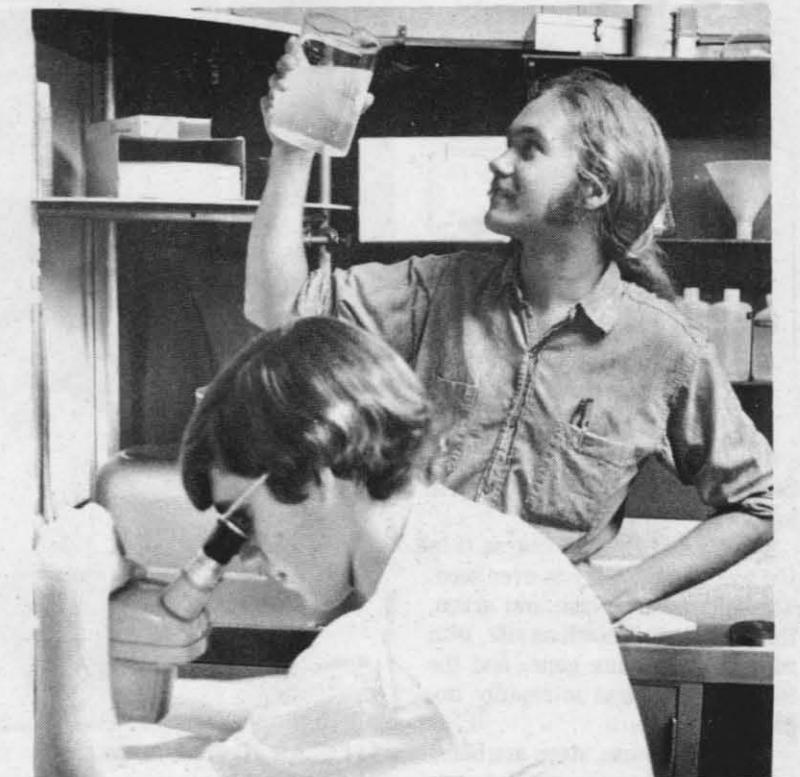
Non-local students should contact the nearest office of the U.S. Civil Service Commission, the Placement Center at the college they are attending, or they may write to the Summer Employment Coordinator, Employment Division, Code 652, Naval Weapons Center, China Lake, to obtain the application forms.



WILLIAM McISAAC is a physical science aid in the Research Department's Chemistry Division. Here he weighs some manganese carbonate preparatory to mixing precisely measured chemical samples. Bill will be a junior, majoring in physics, at UCLA this fall.



CANDY LONG finds telephone-answering a significant part of her chores as a clerk typist in the Administrative Services Branch of the Electronic Systems Department. A Burroughs High School graduate, Candy is spending her first summer in the NWC Summer Program. Her plans include marriage on Sept. 1 and a move to Sacramento, where she will work and attend college part-time.



MICHAEL BREITENSTEIN AND JAMES SANTANGELO are working this summer as science aids in the Physics Division of the Research Department. Mike (at left) looks in a microscope, while Jim prepares to analyze the chemicals in the beaker he holds. A 1972 graduate of Burroughs High School, Mike plans to pursue his interest in physics at Bakersfield College this fall; while Jim will return to U.C. Berkeley, where he will be a junior, majoring in physics.



LAURA QUEZADA is doing an office space study this summer as part of her duties as a clerk typist on the Systems Development Department staff. A junior at San Diego State College this fall, Laura is a social sciences major with an emphasis on anthropology.

## Photos By Dan Yeatts



MARY ANN ATKINSON is a Supply Department helper this summer; she assists Servmart shoppers in their search for office supplies. She will go back to U.C. Santa Barbara this fall, where she will be a junior, majoring in sociology. This is Mary Ann's second summer as a NWC employee.



EDDIE HALL is ready to help shoppers at the Supply Department Servmart find the forms they need. When he goes back to Burroughs High School this fall, Eddie will be a senior.