

#### Registration for fall will be extended at Cerro Coso College

The fall semester at Cerro Coso Community College has already begun but for those who didn't get around to signing up during open registration, the college has extended its registration period and will accept enrollments until September 5 for any class that is not already filled to

Students wishing to enroll in fall classes may do so between the hours of 9:30 a.m. and 7 p.m. at the Office of Admissions and Records on the college campus.

All residents of the Kern Community College District are eligible to enroll if they are high school graduates, non-graduates 18 years of age or over, or high school students with approval of the principal.

California residents pay no tuition but may be charged laboratory fees for certain classes. Military personnel, their dependents, and certain non-residents may be eligible for a waiver of tuition.

To obtain a schedule of the more than 200 courses being offered this fall, call 375-5001.

#### Hertz rental car discount stickers are now available

All government employees and retired employees, civilian and military, can pick up a sticker from the Recreation Coordination Office or SATO that will entitle them to a discount rate on Hertz rental cars.

The discount amounts to 50 percent of basic time and mileage rates on all sizes of Hertz cars throughout the United States except Florida, Puerto Rico, Alaska and Hawaii, where the discount is 20 percent. If the rental car is not returned to the same city, the discount rate is 40 percent rather

Special rates also apply in Canada, Japan, Europe, Africa, the Middle East, Asia, Latin America and the Pacific.

The discount rate is applicable for both business and vacation travel.

#### Study skills need improving? Stop in now at Center Library

anxiety for many children and adults who are concerned about how to learn and how to pass tests.

Effective study habits of children, young adults and adults are crucial toward obtaining good grades. The Center Library staff believes studying is a skill that can and must be developed just like any other skill. Library users will find books that provide them with simple, effective tools to help them become more effective students.

"Study Tips," by William H. Armstrong helps the reader master such skills as listening, taking notes, using the library, writing term papers, and preparing for

Eric Jensen's "You Can Succeed" first discusses reasons for failure in school and then tells the reader how to achieve selfmotivation for better grades.

"How to Succeed in High School," by George Weigand provides advice for the student on such topics as increasing

The opening of school each year brings memory span, taking notes, planning time, reading effectively, and improving test

> Test anxiety responses form a kind of trap students fall into at an early age and from which they never escape unless thought patterns and habits are changed. James H. Divine in "How to Beat Test Anxiety and Score Higher on Your Exams," shows test takers how to face all types of exams and get the score they truly deserve.

> "Study Skills for Those Adults Returning to School," by Jerold W. Apps is designed for returning students who want to sharpen their study skills and who want to learn how

> The above titles are only a few of the books available in the Center Library to help the student acquire more effective

> The Center Library is open 12 noon to 8 p.m. (including Saturday and Sunday). All Military and Civilian employees and their dependents, regardless of residence, are eligible to use the library.



POLYNESIAN BEAUTIES — These Polynesian beauties, part of Tiare Productions' talented ensemble, will be seen Saturday, Aug. 30, at the annual Chief Petty Officers' Club luau. Tickets, which are priced at \$12.50 per person, can be picked

#### Help will be offered for filing homeowner and renter claims

Community volunteers are offering free help to valley residents in filing Homeowner and Renter Assistance claims. This help is being offered through the Volunteer Tax Assistance Program (VTAP) under the Kern Information & Referral Program for Senior Adults administered by Cerro Coso Community College.

Lou Burrows, coordinator of the program stated, "community volunteers have been trained by the Franchise Tax Board to assist local community members with their claims. Volunteers will be able to handle most of the problems encountered in filling

Homeowner and Renter Assistance claims can be filed in addition to the Homeowner's exemption for property taxes and the renter's credit. Those who qualify for the program are people who have an annual income under \$12,000 and were 62 or older on December 31, 1979, or people of any age who were blind or totally disabled as of December 31, 1979.

Free assistance in filing claims is available each Monday from 12:30 to 3 and join the fun.

p.m. at the Senior Citizen's Center, 133 S. Warner, Ridgecrest, and by appointment at the Senior Information Office in Ridgecrest, 231 Station Street (Ph. 375-4322). Arrangements can also be made for home visits for shut-ins.

Claimants should bring with them any forms and instruction booklets they may have received in the mail, current property tax bills, statements showing income, and any other pertinent records including previous claim forms.

For further information call the Kern Information & Referral Office at 375-4322.

#### JPs, co-ops, and summer students don togas tonight

Citizens of ancient Rome will be out en masse tonight at the Toga Party being held at the Enlisted Mess.

Admission is \$2 and covers food, beer, sodas, and dancing from 8 p.m. to 1 a.m.

All Junior Professionals, summer employees, and co-op students are invited to don their best bib and toga and come out



Commissioned Officers' Mess Tonight the world famous "Drifters" will be appearing in a special stage show starting at 9:30 p.m. at the Commissioned Officers' Mess.

Music for dancing (from 8 p.m. until midnight) will be provided by the musicians here to accompany the Drifters; and a buffet dinner, featuring prime ribs of beef, is planned from 6 to 8:30 p.m.

Next week the two special dining nights at the COM will be Barbecue Night on Tuesday, Aug. 26, and Turkish Night on Thursday, Aug. 28.

Barbecue night will feature a country platter of pork spareribs and chicken. baked beans, corn-on-the-cob, and hot biscuits and honey; and the Turkish night menu will consist of beef shish kebab or chicken shish kebab.

Dinner on Tuesday evening is served from 5 to 9 o'clock; and Thursday from 6 to 9 p.m.

Chief Petty Officers' Club "Tickets for the annual Chief Petty Officers' Club luau are going fast," says George Barnard (Barney), manager of the club; so those members and guests who haven't already picked up their tickets are urged to do so as soon as possible.

The luau, which is scheduled for Saturday, Aug. 30, will include a buffet dinner, starting at 7 o'clock, featuring authentically prepared Hawaiian dishes, and a Polynesian review put on by Tiara' Productions, Inc., of Huntington Beach, Calif. at 9 p.m.

Price for this annual festivity is \$12.50 per person; and tickets can be picked up at the CPO club office, on a first-come, first-

#### Sea World offering summer discounts

Sea World in San Diego is now offering a special summer admission discount for military personnel and Civil Service employees of the Department of Defense and their dependents.

A \$2 discount off the regular admission price is available to those who present coupons that can be obtained in advance from the Recreation Coordination Office. located next to the Center gym.

The admission with the coupon is \$6.50 for adults, and \$3.25 for children 4 through 12 years of age. Children under 4 years of age are admitted free.

This special offer is good from now through Sunday, Sept. 7.

The all new Shamu, the killer whale, show and the "Camp Lotswadda" show feat the antics of Sea World's bottlenosed dolphins are two of the current attractions.

Also scheduled is an underwater ballet starring Belinda, the beluga (white) whale, and visitors will be able to examine several varieties of sharks in Sea World's 400,000 gallon aquarium, and feed and pet whales and dolphins at a petting pool.

Sea World's 30 educational exhibits include four aquariums, a walrus feeding pool, and the most comprehensive waterfowl collection in North America.

U.S. Government Printing Office: From: PLACE STAMP HERE



# nwc rocketee

August 22, 1980

Vol. XXXV, No. 34

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### **Federal Executive Bd. Energy Award** presented to NWC

On Wednesday, Aug. 13, Garyl Smith, head of the Naval Weapons Center's Energy Program Office, accepted the Los Angeles Federal Executive Board's fifth annual Energy Achievement Award on behalf of Center Command.

The award ceremony was held in the Riviera Country Club, Pacific Palisades. Present for the ceremony were members of the Federal Executive Board representing various Federal agencies, award nominees, and representatives from winning agencies.

NWC received the Fiscal Year 1980 Energy Achievement Award; the Pacific Missile Test Center, Pt. Mugu, received the Environmental Achievement Award; the Chairman's Environmental Award went to the Army Corps of Engineers; and the Chairman's Energy Award, to the Federal Aviation Administration, Palmdale.

Cited also was the Eleventh Coast Guard District for its initiative in promoting employee ridesharing and official vehicle ridesharing through a mileage reduction program for official vehicles.

Accepting the awards for their agencies in addition to Smith for NWC, were Rear Admiral Fred Baughman for PMTC; Col. Gwynn Teague, Army Corps of Engineers; Robert Cox and James Nielsen for the FAA; and Rear Admiral A. F. Manning, Eleventh Coast Guard District.

The citation for the award recognized that NWC achieved a 13 percent reduction in energy use through FY 1978 from the 1975 baseline year; by the end of FY 1979 a 16 percent reduction was realized, based on MBTUs per square foot.

Electrical power use in 1979 was reduced to 15.3 million kilowatt hours for a 15.1 percent reduction; this amount is impressive because electrical power represents 50 percent of total NWC energy use. The Naval Weapons Center by the time of the award submission had achieved three-fourths of the 1985 mandated goal of a (Continued on Page 5)



## Climbers, fliers, rafters, swimmers all owe lives to expertise, courage of Center Search and Rescue crews

'Search and rescue operations are the most personally satisfying of all flights," says LCdr. B. L. Dieckman, coordinator for search and rescue (SAR) flights at the Naval Weapons Center.

Fifteen SAR operations have been flown so far this year by the two NWC UH-1N helicopters designated as SAR craft; each resulted in saving one or more lives.

SAR craft pluck damp and frightened rafters or swimmers from the raging waters of the Kern, airlift disabled climbers from sierra slopes, and fly members of both mine search and rescue and mountain rescue teams in to regions where their

- Photo by PH2 Tony Garcia

ACHIEVEMENT RECOGNIZED - William K. Anderson (I.), Director of the VA

Medical Center Wadsworth, Chairman of the Environmental / Energy Con-

servation Committee of the Los Angeles Federal Executive Board, presents a

plaque to Garyl Smith, head of the NWC Energy Program Office, denoting that the

Center received the fifth annual Energy Achievement Award for its conservation

Missions tend to follow a seasonal pattern. Aircraft crashes tend to come in winter and early spring, river rescues in late spring and early summer, disabled mountain climbers need to be removed from mountains in late summer, and those disabled by hypothermia in late fall.

A SAR mission starts when a call for help is received either directly by the duty officer or through the nationwide SAR rescue coordination center operation headquartered at Scott Air Force Base, Ill.

If the call comes directly to NWC, the duty officer immediately telephones Scott AFB in Illinois to get a mission number assigned. By using a central headquarters to assign mission numbers, members of SAR teams know that their efforts are coordinated, that two or three SAR teams will not converge on the same place while another need for search or rescue is ignored.

As soon as a call comes to NWC, local SAR personnel determine whether they will be able to respond. Missions must be turned down if the aircraft are not in top shape, if the effort would conflict with project operations, or if the flight would infringe on a private enterprise.

The crew on primary duty for that week is summoned by telephone or beeper. Crews, normally consisting of a pilot, two aircrewmen and one or more hospital corpsmen, are on duty for a week at a time from Monday morning to the next Monday morning. During that time they must remain within reach of either phone or beeper so they can be summoned quickly.

While the pilot (or pilots, if more than one is needed for COM / LCX missions, night or instrument flights) checks maps and charts and weather, the crew chief and aircrewmen ready the UH-1N helicopter. Hospital corpsmen and crew also decide what items from the Sierra pack stored at the hangar will be needed.

Heavy sleeping bags, thermal flight suits,

shovels, axes, ropes, Stokes litters, air splints, body bags - all survival and first aid equipment that ordinarily might be needed on a SAR mission - are on hand.

Since helicopters are limited in both range and altitude, weight is a prime factor to be considered in an operation. Often one or more crew members need to be dropped off "further down the mountain" to enable the UH-1N to hover at elevations approaching its service ceiling. The materials from the Sierra kit enable these crew members to withstand the elements safely until they can be picked up once more at the end of the rescue.

Extra fuel for the helos is also cached in 55-gallon drums at Lone Pine and at various helipads in regions that commonly are sites of China Lake SAR operations.

Most local SAR operations are completed within a few hours or a day. The majority involve going to a pin-pointed area to affect a rescue; on some occasions, however, the local SAR helicopters make low level flights over heavily wooded terrain in search of

The majority of SAR flights involve rescuing civilians rather than military (Continued on Page 5)

#### **Energy Award to be** presented Monday

On Monday afternoon at 1:15, Adm. A. J. Whittle, Jr., will present the Navy **Energy Conservation Award to the** Naval Weapons Center. The brief ceremony will be held in the Cactus Room of the Community Center, and all interested NWC personnel are welcome to attend.

Adm. Whittle will be accompanied by Mrs. Whittle; Dr. James Probus, Director of Navy Laboratories; Congressman Bob Wilson and Mrs. Wilson from the 41st District in California; and Cdr. Don Dyer.



program, their counselors and supervisors joined with members of the EEO staff for a farewell barbecue and swim party on their last night at NWC.

#### CETA employees receive fond farewell from fellow workers

- CETA 1980" written in frosting on a big cake expressed sentiments of Naval program. Weapons Center personnel attending a farewell swim party held for the 28 students employed through the Comprehensive Education and Training Act on-Center this

For the second year a group of disadvantaged youths from Bakersfield and its surrounding communities have been funded through CETA to spend a summer in a variety of training positions at NWC. These young people were bused from Bakersfield each Monday morning, spent their weeknights living in dormitory housing and their days working at various entry-level jobs, and were then again bused home Friday afternoon.

Their work assignments ranged from motion picture processing and electronics aids, auto mechanics aids and store clerks, to budget clerks and dispensary clerks.

Nearly 1500 people of all ages are employed in Kern County under the CETA program during the summer; each can be employed a maximum of 18 months, during which time the individual learns job skills that are marketable

The young people who have worked on-Center during the past two summers are either high school seniors or recent high school graduates; the opportunity that they were given to work at NWC, according to Richard Froelich, CETA Administrator for the Kern High School District, is unique in that they were exposed to a variety of career fields.

Several of the students have expressed a desire to return and work at NWC as regular employees; equally, several of the young men have indicated that they are thinking of enlisting in the Navy because they have gained a new view of the op-

portunities that a military career can hold. At the farewell swim party and picnic, Beto Bernal, Deputy EEO officer for NWC, presented each of the students a certificate of participation signed by Capt.

The message "We'll miss you - good luck W. B. Haff, NWC Commander, noting their successful completion of the summer work

> Bernal also presented an NWC plaque to each of the five counselors who accompanied the youth. The counselors, Ben McCoy, Barbara Hays, Betty A. McHenry, Jane L Laumbach, and Alph Nesbitt, Jr., rode over with the young people each Monday morning and lived in the dormitory with them.

> "The Center considers CETA as an outreach program under its affirmative action guideline," Bernal told the assembled group of students, counselors, their work supervisors and friends. "Through this program we have increased our pool of personnel who are employable here, we have gained summer help to serve while our regular employees are on vacation, and we have also been able to give the group a proper opportunity to see what's happening

> "Helping make this possible," Bernal continued, "was the major logistics and administrative assistance provided by Dick Froelich." In recognition of his aid, he was presented the Center's first EEO award for 1980, a plaque recognizing his contributions in work with EEO implications.

> Froelich expressed his appreciation for the recognition given; and reminded the CETA students that "because of the excellence of your efforts, this relationship with the Naval Weapons Center is

He then in turn also presented awards. "We offer you, our loyal friend, a special salute," he said as he presented a plaque to Max Donald, summer youth employment

coordinator for NWC. A second plaque went to the EEO staff for nce, and a separate plaque to Bernal for his exceptional guidance and help.

Supervisors of the young people were also recognized for their efforts, concern and

## **Promotional opportunities**

Applications (Standard Form 171) should be put in the drop box located at the Reception Desk of the Personnel Department, Bldg. 34. Unless otherwise specified in an ad, applications for positions listed in this column will be accepted from current appointable (i.e., career/career conditional and VRA) NWC employees only. All others desiring employment at NWC may contact the Employment-Wage & Classification Division, Code 092, Ext. 2069. Ads will run for one week and will close at 4:30 p.m. on the Friday following their appearance in this column, unless a later date is specified in the ad. Advertising positions in the Promotional Opportunities column does not preclude the use of alternate recruiting sources in filling these positions. The filling of these positions through Merit Promotion is subject to the requirements of the DoD Program for the Stability of Civilian Employment. The minimum qualification requirements for all GS positions and positions subject to the Demonstration Project are those defined in OPM Handbook X-118; those for all wage system positions are those defined in OPM Handbook X-118C. Applicants will be evaluated on the basis of experience training, education, and awards as indicated in a written record consisting of a SF-171, at least one super visory appraisal if it can be obtained, and any tests, medical examinations, interviews, and supplemental qualifications requirements that may be necessary. For managerial/supervisory positions, consideration will be given to applicant's support of the Equal Employment Opportunity programs and objectives. Applicants must meet time in grade and qualifications requirements by the closing date of the ad. The Naval Weapons

uncement No. 32-004, Secretary (Typing), GS-318-5, mbent is secretary to the Head, Conventional Weapons Division, Ordnance Systems Department. Maintains supervisor's calendar; schedules and organizes significant aspects for travel; screens and refers callers; compiles data and emphasizes significant aspects for review by supervisor; oversees and prepares required reports and memoranda; types a wide variety of data; sets up and maintains files. Job Relevant Criteria: Knowledge of NWC organization and policies; ability to type with speed and accuracy; skill in interpersonal relationships; ability to perform a wide variety of secretarial functions; knowledge of reports preparation

Announcement No. 32-005, Explosives Worker, WG-6502-4, JD No. 618, Code 3252 - (Promotion poten Munitions Destroyer WG-7) Position is located in the Ordnance Logistics Branch, Process Systems Division, Ordvariety of manual and mechanical tasks in plastics abrication, solid rocket motor case lining, assembling, abling, mixing, casting, machining, inhibiting and general processing of plastics, ammunitions and propellants using several types of equipment. Receives, res, and ships these items. Job Relevant Criteria Ability to do the work of the position without more than normal supervision; technical practices (aptitude for learning trade theory and practice); ability to interpret instructions, specifications, etc. (including blueprints); knowledge of materials; dexterity and safety.

ncement No. 09-06, KLC, Service Station Operator WG-6954-3, JD No. 683N, Temporary NTE 1 year, Code 26761 - This position is located in the Production Section. Transportation Division, Public Works Department. The purpose of this advertisement is to establish a register to fill temporary service station operator positions. This register will be used to fill vacancies as they occur during the next several months. Maximum time in an ag pointment of this type will be 12 months in any 24 month period. NWC will accept applications from reinstatement eligibles, individuals currently on Civil Service registers, and individuals not on registers who have skills necessary to qualify for this position. The incumbent performs semiskilled work in connection with the routine maintenance and operation of the service station. Incumbent maintains station and equipment in clean and orderly manner, sticking underground tanks and reading pump meters, Incumbent maintains fuel issue log. Job Relevant Criteria: Reliability and dependability; ability to follow oral and ritten directions; ability to handle weights and loads; dexterity and safety.

Announcement No. 0708, Budget Technician, GS-501-6, PD No. 7708019N, Code 0833 - This position is located in the Office of Finance and Management, Budget Division. Incumbent provides continuous on-site financial staff expertise; prepares and continuously monitors budgets; clarifies financial system requirements to administrators of the department served; prepares special reports on financial expenditures and assures accuracy of all charges to department served. Job Relevant Criteria: Knowledge of Navy and NWC budgeting and accounting procedures; ability to exercise fact and good judgment; and ability to work under pressure. Promotion Potential to GS-7.

Announcement No. 31-008, Computer Specialist, GS-334-7, PD No. 8031159, Code 31021 — This position is located in the Aircraft Weapons Integration Department Staff Office. The purpose of this position is to provide and maintain a inancial management information system for use within the Department. The incumbent is responsible for development and maintenance of a financial management system to support both department administration ac tivities and various project organizations with the department. The incumbent works under the guidance of scientific and technical personnel to determine their information requirements and needs to determine their Criteria: General knowledge of data base managemen systems such as SEED and System 2000; working knowledge of the NWC financial system; ability to program in System 2000; and ability to coordinate a wide variety of user requirements, data base system requirements, technical resources, and hardware/software needs. Promotion potential to GS-9. evious applicants need not reapply.

Announcement No. 09-001, Clerk-Typist or Employee Development Clerk, GS-322-4 or GS-203-4/5, PD No. 909028N, Code 094 — This position is located in the Em-Duties are to provide written and verbal information to

#### Training classes



**BPA 577 Research & Development** 

employees regarding training opportunities, register employees in courses, arranging for courses, fiscal work i support of training and recording training completed. Job Relevant Criteria: Must be thorough and organized in the maintenance of records; must be adept in dealing with yees and with trainers; must be service-oriented must be able to work under stress and adapt to change must be a skilled typist; and must have spelling ability. Announcement No. 092-80-1, Management Intern

rogram - Administrative Management Intern, GS-301-5/7/9, PDs No. 8009013N, 8009014N, 8009015N, 3 vacancies, promotion potential is Demonstration Administrative schedule Level DA-3, Code 092 — These positions are a part of the Naval Weapons Center's Management Intern Program. For a six month period, incumbents will receive a series of rotational assignments in Center's administrative/staff functions with the goal of acquainting them with the Center's mission and functions and to provide exposure/practical experience in various ad ministrative/staff functions. Assignments will be supplemented by a series of briefings and presentation esigned to aid in meeting the stated goal. At the completion of the six month training period, interns will be assigned to a permanent position in one of the staff func tions of the Center. Such assignments, depending or management's needs, could be in fields such as budget management analysis, personnel, supply, safety, security or work as an administrative officer. Job Relevant Criteria: All applicants who meet the minimum qualifications requirements will be ranked against the ollowing job relevant criteria: Demonstrated ability to end complex subject matter; ability to express self in writing; ability to interact effectively with people ability to analyze problems; and ability to recognize and managerial position. Applicants are requested to complete a supplemental form (can be obtained at the Front Desk Rm. 100, Personnel Bldg.) which must be accompanied by a SF-171 and received in the Personnel Department by September 5. Transcripts must be provided by candidates basing qualifications on education. Schools required to mail transcripts directly to this office can use the following address: Naval Weapons Center, Personnel Departmen (Code 092), Attn: Eunice Crookshanks for Mgt. Intern Applicant, China Lake, CA. 93555.

incement No. 25-012, Warehouse Worker Leader WL-6907-6, JD No. 729N, Code 2591 - This position was previously advertised as a temporary position, not to exceed one year, Announcement No. 25-009. This position will be filled on a permanent basis. Previous applicants need not apply. This position is located in the Storage and Retail Issue Branch, Material Division, Supply Department. The incumbent will perform warehousing duties and lead other warehouse workers in such duties as receiving, checking, identifying, counting, storage and issuing material. Jol Relevant Criteria: Applied knowledge of the trade; ability to act as a Group Leader; ability to interpret instructions knowledge of pertinent tools and equipment. Supplementa Experience Statement required. Forms available from Kate Clark, Room-100, Personnel Department, Bldg. 34.

(Continued on Page 7)



Sunday School Classes are held in Chapel Annexes 1, 2, 4, (Dorms 5, 6, 8) located opposite the former Center Restaurant Communion Service first Sunday of the Month.

Sunday Worship Service

Sunday School-All Ages

ECUMENICAL Wednesday Noon Bible Study Thursday Men's Prayer Breakfast 0630

MASS 0830 1130 Nursery, Chapel Annex 1 0815 1245 Daily except Saturday, 1135, Blessed Sacrament

ROMAN CATHOLIC

CONFESSIONS 1115 to 1130 Sunday RELIGIOUS EDUCATION CLASSES Sunday Pre-school thru 11th grade 1000

Above classes are held in the Chapel Annexes 12th grade

NRS offers free layettes to Navy families in need

Navy families who find that their budget has not expanded in tune with an expanding family may be eligible to obtain a Navy Relief layette for an expected new arrival.

Baby clothing is made by Navy Relief Society volunteers; this is then assembled into layettes for distribution to sailors and Marines who qualify on the basis of financial need.

Each layette contains two receiving blankets, one baby blanket, two crib sheets, four shirts, four sacques and gowns, three waterproof baby pads, a fever thermometer and a hand-crocheted sweater.

Both husband and wife should come together to the Navy Relief Office (located in Bldg. 880 next to the Enlisted Dining Facility) during the wife's last month of pregnancy to participate in the review of their budget to provide for the needs of their

The Navy Relief Office is open between 11 a.m. and 2 p.m. every Monday, Wednesday and Friday.

#### Building fund for Museum now in CFC

Federal employees and military personnel wishing to donate to the Maturango Museum Building Fund will be able to do so this year through the upcoming Combined Federal Campaign (October 1 through 31).

According to CFC officials, those wishing to donate to the building fund through CFC must specifically designate the museum as recipient. Everyone participating in the IWV Combined Federal Campaign will have the option of contributing directly to the Maturango Museum through cash, check, or payroll deduction.

#### Oops! We gooted

Who was that attractive young lady pinning gold oak leaves on LCdr. Eric Nye's collar in a frocking pictured in last week's ROCKETEER?

Carolyn Merlo, that's who. The ROCKETEER inadvertantly did not identify Ms. Merlo in the picture caption, and regrets the omission.

#### Opportunities . . .

(Continued from Page 2)

uncement No. 38-006, Clerk (Typing), GS-303-3/4, PD No. 7738004N, Code 3802 — This position is located in the Research Department Office. Incumbent provides clerical support to the Head of Staff and Department Secretary. ncumbent is responsible for maintaining department files and routing mail throughout the department. Serves as Custody Control Point, Provides clerical support such as typing correspondence, keeping leave records and preparing time cards, maintains personnel records for Department, gathers background data for analysis by administrative staff. Serves as department secretary as required. Job Relevant Criteria: Skill in typing; ability to deal with a variety of personnel; ability to follow writter and oral instructions; ability to work independently.

#### Reassignment opportunities

and scientific positions through reassignment and through promotion to positions with equal promotion potential. For this reason, the Reassignment Op portunity Announcements are separate from the Promotion Opportunities column in the Rocketeer. Applications will only be accepted from employees Applications will be accepted until the date stated in the announcement. Employees whose work history has not been brought up to date are encouraged to file an SF-171 or 172. All applicants must meet minimum qualification requirements established by the Office of Personnel Management. Information concerning the recruitment and placement program and the evaluation methods used in these reassignment opportunities may be obtained from Personnel Management Advisors (Code 096 or 097). Applications should be filed with the person whose name is listed in the announcement. The Naval Weapons Center is an Equal Opportunity Employer.

Interdisciplinary (Level II & Level III), PD No. 8031161, Code 3114 — The position of Digital Design Engineer is located in the F-18 Facility, Avionic Facilities Division, Aircraft Weapons Integration Department. Incumbent is responsible for the development and design of interfaces for a complex of DEC computers including PDP 11/60s and VAX 11/780s and avionic processors. Incumbent is involved in micro-controller, and micro-processor design and in ware in support of F-18 Weapon System Support Facility ncumbent is responsible for selection of major equipment procured for facility buildup. Position requires background. in design of digital systems; proficiency in coordinating technical development efforts within a multi-discipline work group, and the ability to communicate effectively, orally, and in writing. Submit current 171 or resume to L.L.

# employee in the

spotlight

"If Congress thinks it's hard forecasting the economy, it ought to try the weather."

John Gibson

For John Gibson the weather is something more than a subject o start a conversation with - it's his job.

Gibson, the Naval Weapons Center's duty forecaster for the past seven years, has the seemingly easy job of predicting what the local weather will be like. But there is more to the weather here than just wind and high temperatures, Gibson insists.

The reason the local weather is so tough to forecast is because of the surrounding terrain features, according to Gibson.

"Since we are less than 150 air miles away from the ocean we have a maritime climate which causes rain, humidity and cloud cover," Gibson said. "The maritime and desert climates combined with the nearby Sierra Nevadas result in drastic and rapid weather changes."

#### Weather data needed for tests

To make things more challenging, Gibson must make very specific forecasts as far as two weeks in advance so tests and evaluations of weapons systems may be scheduled. Specific parameters such as wind speed and direction, atmospheric pressure and the number of clouds in the sky determine whether a test will be run or not.

"If a test is set up, but it is cancelled because of unexpected weather conditions, it is a waste of both time and money," Gibson said. "We miss on a lot of forecasts, but our customers keep coming back, so I guess we're doing our job."

The other main responsibility Gibson has is to brief the pilots on now their planes will handle in the weather during their flights. This gives Gibson a chance to use his forecasting and aviation backgrounds at the same time.

"All aircraft have different responses and characteristics to turbulence, and you have to tell the pilot how his plane will be affected," said Gibson, a licensed air traffic controller. "The

PIPED OVER SIDE - AMH1 Richard E. Sustik is piped over the side during a

retirement ceremony held recently at the Enlisted Mess. Sustik, a 1st class

aviation metalsmith (hydraulics), served the last three of his total of 24 years of

active duty in the Navy at the Naval Weapons Center. At the time of his

retirement, AMH1 Sustik was the leading petty officer in the NWC Aircraft

Department's Aircraft Tire Shop. He reported here in July 1977 from the Naval Air

Station, San Diego, where he had been a member of Light Helicopter Squadron 35.

Petty Officer Sustik's family includes a son, Robert, 20, who is in the Air Force,

and a daughter, Marie, 11, who attends school in San Diego.

more you learn about general aviation, the better you can brief a

"We're experiencing cooler, moister air because the high is not as large as normal," Gibson said. "This summer might seem hotter than normal because of the humidity, but the actual temperatures are lower than we usually get in the summer.

"Meanwhile, hotter air is flowing from Mexico over Texas causing its heat wave," Gibson continued. "I don't see any relief for Texas until the Pacific and Atlantic highs increase in size.'

#### Challenging assignment provided

Gibson, who said he started forecasting weather because of the challenge and variety it provides, predicts a cooler and wetter summer and an earlier fall and winter than usual because of the small size of the high over the Pacific Ocean. The small high also explains why Texas is having such hot weather.

As a hobby Gibson likes to listen to classical piano music. His wife of 17 years, Toshiko, plays as does his 12-year-old son, John, who gave a concert at Cerro Coso Community College last year.

"John's teacher is Winnie Nelson, but he also has his mother, who works with him all week at home," Gibson said. "Now John has the desire and the talent to be a concert pianist someday."

Although his wife could teach him the piano, Gibson has no immediate plans to take any lessons in the near future.

"My wife and son are always practicing at home, so I have lots of music to listen to," Gibson said. "Besides, when I was young my mother tried to teach me, but I always went out and played baseball, and now I'm really regretting that."

Gibson also makes a hobby of forecasting world politics and economics, which he says is "much easier than forecasting

"If Congress thinks it's hard forecasting the economy, it ought to try the weather," Gibson said.

#### Museum seeks help

Senior citizens willing to volunteer their time are being sought by the Maturango

The museum is looking for people to greet and aid visitors, mind the gift shop, and to lend a helping hand in routine museum chores on weekdays from 1 to 3 p.m. The work is not strenuous but requires dependability and access to transportation.

Anyone interested in volunteering should contact Lou Burrows of the Kern Information and Referral Service for Senior Adults by telephoning 375-4322 weekdays from 8:00 a.m. to 1:00 p.m. or call the Maturango Museum, 446-6900, weekdays between 8:00 a.m. and 5:00 p.m.

convenience, has come to the Navy Exchange retail store, replacing the much

change Catalogue for five days.

Exchange validates shopping privileges by inspecting the Military I.D. card and stamps the order blank. The shopper then mails the order blank directly to the Catalogue Center with check or money order, and the Catalogue Center mails the

## **Happenings around NWC**

Catalogue shopping, with its speed and slower special order system.

The Navy Exchange will loan a shopper a copy of the 250-page Armed Forces Ex-

When the catalogue is returned, the Navy

items directly to the customer. Seasonal catalogues are published frequently in addition to the annual catalogue.

All existing special orders will be filled, but new special orders (with the exception of uniforms) will not be accepted after Monday, Sept. 1.

#### Movie tokens

Movie tokens may be purchased in advance at the recreation coordination office for movies at the Center theater. Additional tokens may also be purchased at the theater ticket window when attending the show.

#### Pool hours

The COM and CPO pools have extended their evening hours for the final weeks of

p.m. on Saturday and Sunday and from 11 a.m. to 7:30 p.m. on weekdays.

#### Lap swim

The early morning lap swim program is held Monday-Friday from 6 to 7:30 a.m. at the indoor pool. Civilians not having athletic membership will be required to pay \$1.

#### **NEX** customers note bargain when they check color of tag

Red and green - the Christmas colors will mean special savings for all Navy Exchange customers after September 1.

Items tagged with green tags are special sale items, with prices at least 15 percent below regular prices. Red tags proclaim that the item is marked down or is a clearance item. Regular merchandise will sport a white tag.

The variety of special sales programs such as Bonus Buys, Doorbusters, and others created confusion; the new program will enable customers to quickly spot extragood buys providing extra savings.



Naval Weapons Center China Lake, California Captain W. B. Haff NWC Commander R.M. Hillyer Technical Director S. G. Payne Public Affairs Officer Don R. Yockey Editor Mickey Strang

Associate Editor

**Beverly Becksvoort** 

Editorial Assistant

Ron Allen

Staff Photographer



Tuesday, 11:30 a.m. The Rocketeer receives American Forces Press Service material. All are official U. S. Navy photos unless otherwise identified. Printed weekly with appropriated funds by a commercial firm in compliance with NAVSO P-35 revised May 1979. Office at Nimitz and Lauritsen. Information published in the Rocketeer does not necessarily reflect the official view of the Department of Defense. Information in The Rocketeer is authorized for public release by the Naval Weapons Center Public Affairs Officer, Code 003. 3354.3355







classes students should submit NWC Training Form 12410 73, via department channels, to reach Code 094 before the deadline listed. If handicapped indicate need for first floor room location on training request.

Management; Sept. 15 through Nov. 17, Mondays from 4 to 9 p.m., dinner break from 6 to 7 o'clock. Training Center, Room 103. Instructors: Dr. Ed Alden, George Lindsteadt and Robert Glenn.

across from the former Center Restaurant. Sunday afternoon As announced "In Home" Discussion Groups and Youth Rallies Contact Chaplain's Office for specifics. JEWISH SERVICES EASTWING -- ALL FAITH CHAPEL Sabbath Services every Friday UNITARIANS CHAPEL ANNEX 95 Services—(Sept. May) 1930



Recreation Roundup

#### League bowling to open in 2 weeks at Hall Mem. Lanes

Two more weeks of open bowling remain at Hall Memorial Lanes before leagues start on Sept. 2.

On Monday, Thursday and Friday the lanes will be open from 11 a.m. to 10 p.m. On Tuesday and Wednesday open bowling is held from 11 a.m. to 6 p.m. and from 8:30 to 10 p.m. On Saturday and Sunday the lanes are open from noon to 10 p.m. and from noon to 9 p.m., respectively. The bowling alley will also be open on Labor Day from 1 to 9

From 11 a.m. to 5 p.m. on Monday through Thursday there is a special cost of \$1.50 to bowl three games. On Friday through Sunday the bowling alley features red pin bowling, where you get a free game if you get a strike with a red head pin.

Tot swim class offered Two tiny tots swimming classes (children between 4 months and 3 years of age) will be taught by Adrienne Swinford at the indoor pool in September.

The first class, which begins Sept. 9, will feature sessions for children 18 months-3 years of age from 9 to 9:30 a.m., followed by children 1-18 months of age from 9:30 to 10

The second class begins Sept. 20 and will run from 11 to 11:30 a.m. for all children between 4 months and 3 years of age. Both classes will last for six weeks and cost \$8.50 each.

Team tennis, anyone?

The China Lake Tennis Club and the NWC Recreational Services Department are jointly sponsoring team tennis for players of all ability levels. Play will begin in early September, with registration closing Aug.

Entry blanks can be picked up at the NWC gymnasium office or at Sports Etc. in Ridgecrest. Registration fee for team tennis is \$8 per person.

Anyone who is interested or who would like further information may telephone either Abby Brandt, 446-5934, or Sandi Graves, 446-3433.

#### Deadline for Youth Soccer signups is Sat., September 13

The second of two free soccer clinics will

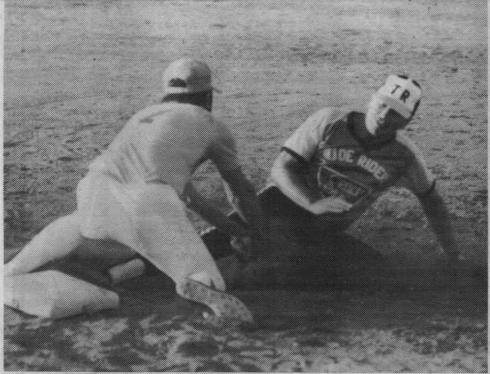
First and 2nd grade players will be taught at 8 a.m. followed by the 3rd and 4th graders at 9:30 and the 5th-9th graders at 11:00.

More than 60 players attended the first soccer clinic, which was held last Saturday.

and Armando Diaz, who are members of the China Lake Soccer Club, will be the instructors of the clinic as well as other experienced Youth Soccer League coaches. The clinic will cover the rules as well as some of the skills and techniques of soccer.

Signups for the Youth Soccer League's fall season are being taken at the recreation coordination office, located next to the Center gymnasium, for 1st-6th graders. after-school Junior High School League sponsored by the City Recreation Department. Players in 10th grade or higher should consider working out each Tuesday and Friday at 5 p.m. at Davidove Field with the adult soccer team.

The registration deadline for the Youth Soccer League's fall season is Sept. 13, and practice games begin on Sept. 20.



ROCKETEER

before George Lamonica of the Swap Sheet Team tagged him isn't clear from this

#### Sports Etc. Tide Riders winner of Slow Pitch Championship

There's an unwritten rule in sports that says that turnabout is fair play.

The Sports Etc. Tide Riders put that rule into effect Tuesday at Schoeffel Field by defeating the Swap Sheet team 17-7 in five innings in the Military Slow Pitch Division championship playoff game. Earlier in the playoffs the Swap Sheet squad ripped the Tide Riders 15-5 in six innings.

The championship game was closer than the score indicated, however. Swap Sheet led 7-5 after three full innings, but the Tide Riders retired the last six Swap Sheet batters they faced and scored 12 runs in the last two frames for the 10-run victory

Bart Gambardello, the winning pitcher, collected three hits in the game, including a single to drive in Greg Such for the final run of the contest. It was Gambardello's second hit and the Tide Riders' ninth safety of the

Such and Rich Mouio also had three hits each for the Tide Riders, who placed fourth in the Military Slow Pitch Division during the regular season with an 11-9 record. Chuck Provinsal added a triple and a single.

George Lamonica, Dan Ward and Rick Booth gathered two hits apiece for the Swap

10 RUNS IN INNING

The Tide Riders also had to come from behind in the first game they played Tuesday evening to edge Swap Sheet 16-14. Swap Sheet scored 10 runs in the first inning, but the Tide Riders chipped away at the lead and took a 13-12 lead in their half of the fifth inning after scoring six times. The Tide Riders then scored twice and once in the sixth and seventh frames, respectively to secure the victory.

Steve Holder and Dennis Aaron both had four hits in four trips to the plate for the

#### Kincheloe takes Karl Kauffman, George Mills, John Piri second place in 11th ND golf tournament

LCdr. Jim Kincheloe, head of the ordnance division of the NWC Aircraft Dept., fired rounds of 75, 75, 78 and 79 for a 72-hole total of 307 to take second place in the senior division of the 11th Naval District golf tournament held last week at Miramar Naval Air Station in San Diego.

Kincheloe finished three strokes behind Players in the 7th-9th grades will play in the Bill Stark of Long Beach, who had a total of

Two other locals took part in the tournament also. GYSGT Steve Mills and SWC Bob Johnson placed 11th and 29th, respectively, in the open division of the

Kincheloe won this tournament in 1979 and was the All-Navy senior division golf competition champion in 1975.

-victories against the Dispensary, the Marauders, the Techs 'n Rangers and the NWC Os by the scores of 17-2, 12-9, 19-9, and 14-13, respectively. Gambardello, the winning pitcher, added three hits in four at-

Swap Sheet's leading hitters were Doug Cade and Rick Booth with four hits in five at-bats, and Dan Ward and Brad Stacey with three hits each.

**DEDICATED TO JOHNSON** 

Ironically, the Swap Sheet team almost won the Military Division playoffs although the team placed fourth in the National Slow Pitch Division during the regular season with a record of five wins, 10 losses and a tie. Swap Sheet, which also outscored the Techs 'n Rangers and the NWC Os in the playoffs by the scores of 19-16 and 24-14, was allowed to compete in the playoffs since most members of the team were military.

E. J. Conro, coach of the Sports Etc. Tide Riders, said in accepting the championship trophy that the team dedicated Tuesday's wins to Jeff Johnson, who broke his ankle in Monday's game against the Techs 'n



#### OTHTC to hold fifth annual rattlesnake festival relay race The Over-The-Hill Track Club (OTHTC)

will hold its fifth annual three-person, 10mile rattlesnake festival relay race Thursday at the soccer area of Schoeffel

Sign-ins for the race will begin at 5:15 p.m., and the race will follow at 6 p.m. Time handicaps based on age and sex are given to every runner in the race except those OTHTC runners who have won races during

The cost for the race will be \$4.50 for a team in the open division and \$3 for a family division team, and no pre-registration is required. All joggers are invited to attend since relay teams will be formed at the start of the race

Engraved medals will be awarded to the members of the top five open division teams, the top three family teams and the top all-lady team. Medals will also be given to the man and woman with the fastest individual three-mile times.

The Leo Barglowski family has won the family division the past two years and figures to finish strongly this year.

Last year's winning "Music Masters" team of Scotty Broyles, Alex Shlanta and Peter Yu will be on hand Thursday to defend its title.

For further information, contact Frank Freyne at 375-7962.

#### Commander's Cup golf tournament to be played on Tues.

petition between NWC Gold, NWC Blue and VX-5 will be held at 1 p.m. Tuesday at the China Lake golf course.

All military personnel interested in playing in the golf competition should contact their Military Athletic Committee representatives as soon as possible

The Military Athletic Committee representatives are AE1 Roy Tefft and AE1 Rick Dean for NWC Blue, MRC Lonnie Duggins and ETM2 Richard Prockish for NWC Gold, and Lt. T. J. Ringler, Lt. G. L. Pritchard, WECS John E. Smith, LI1 Rudy Cena, AD3 Tim Jenkins, AD3 Osmond Rosenthal and YN3 Kim Ryder for VX-5. The special representative for military female personnel is Ens. Sharon Beck.

#### Adult swim class slated Sept. 20

An eight-week adult swimming class will be held from 11:45 a.m. to 12:15 p.m. at the indoor pool beginning Sept. 20.

The class, which will be taught by Adrienne Swinford, will feature skills for any level of swimming. The class costs \$12 for eight lessons.

#### King, Zimmer win partner's better ball tourney last weekend at CL golf course

Paul King and Bob Zimmer shot a 36-hole net total of 24 under par 120 to win the China Lake Golf Club's (CLGC) first partner's better ball tournament held Saturday and Sunday at the China Lake golf course.

King and Zimmer will next travel to the Del Safari Country Club in Palm Desert, Calif. to represent the CLGC in the Southern California Golf Association's (SCGA) partner's better ball tournament, which will be held Sept. 25 and 26. The CLGC will pay King and Zimmer's entry fee and lodging cost in the SCGA tournament for placing first locally.

The team of Phil Sprankle and Mike Stephens shot a 139 for the lowest gross (no handicap) score in the tourney. Mary Rush was the individual low gross champion with a score of 152, and Bill Zebley shot a 129 for the lowest individual net score.

Twenty-two teams took part in the tournament, and gift certificates for the pro shop were awarded to the low gross team and the low individual net and gross finishers.



SWINGER — Paul King shows the style he used to join his partner, Bob Zimmer, in winning the partner's better ball tournament last weekend.



ADVICE GIVEN - AG2 Lynne M. Barbour briefs a pilot about the weather that he can expect in other sections of the country as well as locally.

#### NAVOCEANCOMFAC chooses AG2 Barbour Sailor of Qtr.

Aerographer's Mate Second Class Lynne M. Barbour was recently selected Sailor of the Quarter by the Naval Oceanography Command Facility (NAVOCEANCOMFAC) in San Diego.

AG2 Barbour is currently assigned to NAVOCEANCOMFAC's detachment here in China Lake as an assistant forecaster trainee. She was selected Sailor of the Quarter for the period of April through June

A letter from the NAVOCEANCOMFAC commanding officer, states that AG2 Barbour's selection was based on her "understanding professional performance" and her "willingness to give of (her) time and effort beyond the normal scope of

The letter continued, "Especially noteworthy was the achievement of five months of zero percent error rate in surface observations.

Additionally the letter praised her comprehension and thorough knowledge of

#### Center reluctantly requests 22 groups move from Bishops

With reluctance and regret the Naval Weapons Center is asking that the 22 organizations that currently meet in 14 buildings in the Bishop housing area on-Center find other quarters by Jan. 1,

A study conducted in January of this year determined that the buildings are substandard and recommended that they be razed. Further study and personal inspections of the buildings by Capt. W. B. Haff, NWC Commander, and other senior management members at the Center reinforced the conclusions reached by the study.

The Bishop buildings were built during World War II; they have long outlived their original purpose and have been maintained only minimally in the intervening years. Currently they are not only substandard and energy inefficient, but also are a fire hazard. While the Navy will try to locate alternative space on base for the organizations that have been asked to

consider relocating off the Center. Anyone with questions regarding the Center's need to raze the buildings may discuss the situation with the Community Liaison Assistant, Code 0032.

move, space availability is very limited

so the groups are being asked first to

qualities "contributed significantly to the recent well-ordered turn-over between CPOICs."

The letter concluded, "You are commended for your performance and efforts, which have led to your selection as Sailor of

AG2 Barbour joined the Navy in Sacramento and has spent most of her tour in NAVOCEANCOMFAC's detachment here in China Lake. Her job requires that she do flight briefings, some forecasting, transmissions on the teletype, and that she aid the forecaster. Using forecasts, AG2 Barbour is able to tell pilots the kind of weather they can expect from take-off point en route to destination. Part of AG2 Barbour's job is to also be a qualified weather

While in the Navy, AG2 Barbour hopes to get some practical training and an education. She does not plan on making the Navy her career but hopes to go to a forecasting school at Chaaute Air Force Base in Illinois, which is a combined school of the Armed Forces.

AG2 Barbour finds it difficult being single in this area. She finds that there is not much for a single person to do who is not outdoor inclined. AG2 Barbour prefers to spend her free time reading or sewing. When she can, she travels to Los Angeles to visit her sisters or to Sacramento to visit her

As a result of her being chosen Sailor of the Quarter, AG2 Barbour will receive 96hour special liberty and 30 days of no duty status. She also received a plaque with her name on it and her picture will be displayed at NAVOCEANCOMFAC in San Diego.

#### Energy use in July substantially down from 1975 baseline

July energy use figures, reported in MBTUs, for the Naval Weapons Center show that Center energy use dropped 11.3 percent for July 1980 from the amount used in the same month in 1975, the baseline year. Energy use in the housing area dropped 36.5 percent, for a total reduction of 15.3 percent.

Cumulative figures for fiscal year 1980 (October through July) show that Center use is down 21.2 percent and housing, 45.4 percent, for a total reduction of 25.8 percent, which surpasses the President's objective of achieving a 20 percent reduction by 1985.

#### Recruitment now underway for Management Intern Program

Recently, the Personnel Department began recruiting for the Center's Management Intern Program. A vacancy listing is in the Promotional Opportunities column of this issue of the ROCKETEER; other recruitment efforts are being conducted to attract off-Center applicants.

Employees selected for the program undergo a six-month internship. During this internship, participants receive a series of rotational assignments in Center administrative and staff functions with the goal of acquainting them with the Center's missions and functions and to provide exposure and practical experience in various administrative and staff functions. The assignments are supplemented by a series of briefings and presentations designed to aid in meeting the stated goal.

At the completion of the six-month training period, interns are assigned to permanent positions in staff functions of the Center. Such assignments, depending on management needs at that time, can be in fields such as budget, management analysis, personnel, supply, safety, security, or work as an administrative

The Center has had an on-going internship program for administratively trained personnel for more than 25 years. Its purpose is to recruit employees having an interest and training in fields of administration. The program is small in

comparison to the Center's Junior Professional Program for recently graduated scientists and engineers. Only a few Management Interns are hired each year. The career progression of individuals who have completed the program, however, has demonstrated the value of the program

Past graduates of the program are employed in administrative and management positions as high as Department Head. Both Bernie Connolly, Head of the Technical Information Department, and Steve Sanders, Acting Civilian Personnel Officer are past participants in the Management Intern Program. Other program participants have moved into positions such as Administrative Officers and Heads of Staff for departments and supervisory positions in the various administrative and support functions that exist on Center.

It is expected that five Management Intern positions will be filled in FY 81. Recruitment is now underway for three vacancies to be filled early in the fiscal year. Qualified applicants are encouraged to apply to the vacancy listing in this

Departments interested in having Management Interns for rotational assignments or subsequent permanent assignments may contact the Employment-Wage and Classification Division (Code 092)

#### Luncheon, workshops scheduled honoring Hispanic Heritage Wk.

A highlight of the Naval Weapons Center observance of National Hispanic Heritage Week (September 14 through 20) will be a Maturango Museum-catered luncheon on Monday, September 15, at the Community

Guest speaker for the luncheon will be Dr. Alicia Ortiz, a professor from the University of Texas, whose topic will be announced

Reservations for the lunch must be made before September 10 by telephoning Eloise Burklund, NWC ext. 2634. The tickets, which cost \$4.50 each, may then be purchased by those who have reservations. No tickets will be sold at the door.

Ticket sellers include Nancy Loundagin in the EEO office; Virginia Sandberg, Code 081, Wing A, Trailer No. 4; Larry Dias, Code 3383, in the Earth and Planetary Sciences Bldg; and Ron Shargots, Code 6212, in the CLPL area.

Menu for the lunch will be chili rellenos, taco salad with guacamole dressing, corn muffin, cheese cake, and coffee or tea. Other events planned for the week include

a Culture Awareness Workshop conducted by Dr. Ortiz on Monday, September 15, from 9 to 11 a.m. in the Sidewinder Room of the Community Center.

Tuesday morning's workshop will deal with the Affirmative Action Plan, complaint processing, and the handicap program: Wednesday morning's workshop will discuss "Hispanics in Aviation." Both of these workshops will be conducted by Hermillo Gloria, Deputy District Director of the Equal Employment Opportunity Commission, San Francisco.

Gloria, who received a degree in aeronautical engineering from the University of Notre Dame, worked for the National Advisory Committee for National Aeronautics before it became the National Aeronautics and Space Administration. He has maintained an intense interest in aviation, which has expanded to include information about Hispanic-American contributions to aerospace.

Proper registration is not necessary to attend any of the workshops, and EEO credit will be given for attendance at the workshops and the lunch.



TICKETS BOUGHT - Capt. W. B. Haff, NWC Commander, and Capt. L. P. Aldana, NWC Vice Commander, make sure that they will be able to attend the Maturango Museum-catered lunch honoring Hispanic Heritage Week by getting their tickets now from Nancy Loundagin, Hispanic Employment Program

billed by the government.

SAR flights . . .

(Continued from Page 1) personnel. Humanitarian government

policy dictates that military craft will aid in

SAR operations whenever military com-

mitments would not be adversely affected

or if there is no interference with a civilian

commerical enterprise. Funding for such

flights comes, at industrially funded

establishments such as NWC, from in-

stitutional funds. Those rescued are not

SAR pilots and aircrews keep their flying

skills honed through the wide variety of

project flights that are their primary task.

These include drone and missile recovery,

acquisition systems development,

parachute development, aerial surveys

looking for geothermal sites, burro and wild

horse counts (and flying police and rangers

in pursuit of rustlers attempting to make off

with some of that wild horse herd),

photography, site buildup (carrying cement

and building materials to the tops of peaks

too steep for trucks), medical evacuation

"Every day is something different," says

LCdr. Dieckman. "How challenging and fun

helicopter operations can be is one of the

Besides LCdr. Byron Dieckman, SAR

pilots include Lt. Col. Ben Adams, USMC;

Lt. Col. William Smith, USMC: LCdr. E. J.

"Chip" Lancaster; and Lt. Dennis Wilcox.

Crew chiefs are AT1 Richard Holmes, AD2

Israel Morales, and PR1 Michael

Szydlowski. Other crewmen are AD1

Kenneth Colson, AT3 Richard Jones, ADAN

Mark Revnholds, AMSAN Phillip Albert-

best kept secrets in military flying."

and a variety of other tasks.

## Summer faculty research program brings 4 to NWC

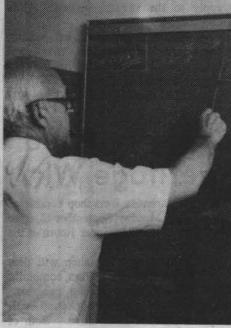
ROCKETEER

Of the 26 science and engineering faculty members from colleges and universities throughout the country who have been selected to spend 10 weeks working in Navy laboratories this summer, four are at the Naval Weapons Center.

The Navy Summer Faculty Research program is sponsored and monitored by the Office of Naval Research and administered by the American Society for Engineering Education.

The program is designed to involve university faculty members in Navy research programs and develop the basis for continuing research of interest to the Navy at the faculty members' institutions, as well as establishing a continuing relationship between these faculty members and their peers working at Navy

This is the second year of the program. In 1979, 16 faculty members were selected to work at the Naval Research Laboratory, Washington, D.C.; the program was so successful that in 1980 it has been expanded



PHYSICIST - Dr. Charles A. Roberts notes some thoughts on a chalkboard as he pursues his two interests for this summer — gas discharges for the detection of radio waves, and the theory of and experimentation with artificial dielectrics.

to include other Navy laboratories as well. More than 400 applications were received for the 26 positions established.

Faculty members spending ten weeks this summer working at NWC are Dr. Charles A. he says) model analysis of vibrating Roberts, Jr., from California State systems. University Long Beach; Dr. Tyre A. He also is not new to the Navy or NWC; Newton from Washington State University, having spent one summer in Pasadena at

the Naval Undersea Weapons Center in 1967, and both summer and sabbatical leave time at NWC in 1973 and 1974 working with Dr. Roy Leipnik in conducting mathematical research. Dr. Newton says that each time he has been here, he has worked with someone different, and each time has gained a new interest. His wife Eleanor, says Dr. Newton, is 'adjusting well to living in the desert during

MATHEMATICIAN - Dr. Tyre A.

Newton researches quadratic dif-

ferential equations in chemical

oscillations and model analysis of

Pullman, Wash.; Dr. John A. Nelson from

the University of Nevada, Reno, Nev.: and

Dr. Glenn P. Jacobs from Fairleigh

Dr. Roberts, a theoretical physicist with a

particular interest in plasmas, is following

two lines of research this summer: gas

discharges for the detection of radio waves,

and theory of and experimentation with

Although he has not spent time previously

at China Lake, he worked with NWC personnel at the Corona Laboratories before

the move to China Lake took place. He says

that he is enjoying his stay in the desert,

even though through some quirk of at-

mospheric physics, the wind is always

blowing the wrong direction as he rides his

bicycle to and from the dorm where he is

He holds both a bachelor's and a master's

degree in chemistry from UCLA, and a Ph.-

D. degree from the University of Maryland,

College Park, Md. His Ph.D. is in

Elementary Particle Theory ("about 85

particles ago," Dr. Roberts adds with a

Dr. Newton, a mathematician, is doing

research in quadratic differential equations

in chemical oscillations and (a new interest,

Dickinson University, Rutherford, N.J.

vibrating systems.

NOT NEW TO NAVY

artificial dielectrics.

living for the summer.

Dr. Newton received his bachelor's degree from Colarado State University, Ft. Collins, Col., and his master's and Ph.D. degrees from the University of Georgia,

#### BEEN HERE BEFORE

Athens, Ga.

Dr. Nelson, a chemist, divides his time between working with insensitive high explosives and with laser dye synthesis and modification. He adds that since he is an inorganic and metallic chemist, the

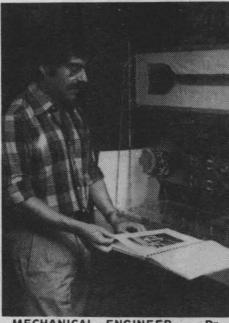


CHEMIST — Dr. John Nelson studies laser dye synthesis and modification, and is also working with insensitive high explosives.

unifying theme of the two lines of research is using techniques of organometallic chemistry in synthesizing new compounds.

Not only has Dr. Nelson been at China Lake before (in summer 1972, as a visiting scientist), but he also has been doing collaborative research with NWC personnel

The whole family - wife Kathi, sons Kirk and Brian and daughter Kristina - enjoys camping and the sports activities available here such as golfing, swimming, and roller



MECHANICAL ENGINEER - Dr. Glenn P. Jacobs gathers information about both slow and fast cook off processes. Fuel fires have been caused on aircraft carriers when rocket motors or missiles have been exposed to extreme heat.

Dr. Nelson has both a bachelor's degree and a Ph.D. in chemistry from the University of Utah, Salt Lake City, Utah. FIRST TIME IN DESERT

Dr. Jacobs, a mechanical engineer, is spending his summer gathering information about slow and fast cook off processes. Slow cook off processes deal with heating propellants (for instance, when sterilizing space probes). Fast cook off processes involving rocket motors or weapons, such as those carried on aircraft carriers, can result in fuel fires.

He hopes to continue his information gathering on returning to New Jersey, and also plans to spread the word to his students to consider working for the government upon graduation.

He has worked in Washington for the Navy (as a civilian), but this is his first time at China Lake. ("I didn't know what the desert would be like in the summer." he says. "Or a small town. It occurred to me when I was en route that I had not let whoever was to meet me at Inyokern know what I would be wearing so that I could be picked out from the crowd that I expected to get off the airplane. Then I saw the airplane that flies to Inyokern and stopped worrying about needing special identification.")

He has a bachelor's degree in engineering science and both a master's degree and a Ph.D. in mechanical engineering, all from the State University of New York at Stoney

TENDER CARE - PR1 Michael Szydlowski carefully eases Oscar, the dummy, into the SAR helicopter after Oscar has been lifted from the ground by using the hoist. The hoist is used in rescue situations where the helicopter is unable to land.

and AMSAN Michael Clenney. Corpsmen flying are HM2 Lawrence Graham, HM2 David Jobson, HM3 Vince Hall, and HM3

#### PHOTOS BY

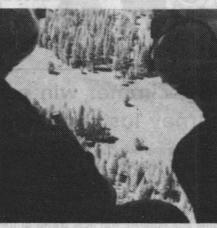
PH2 TONY GARCIA



BOARDING — Oscar the dummy is pulled into the UH-1N SAR helicopter by aircrew members after being hoisted from the ground



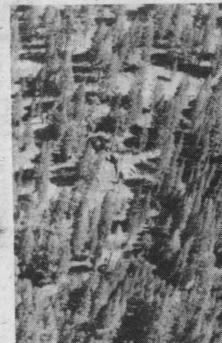
**GETTING READY - AMHAN Philip** Albertson decides which of the supplies stored in the SAR locker at Armitage Airfield will be needed for the day's



CAREFUL SEARCH — Crew members of the SAR helicopter try to spot wreckage of a small aircraft that crashed in a wooded section of the Sierra Nevada.

#### Public Works Dept. to service heaters for winter months

Beginning September 1, the Public Works Department will once again start servicing heaters for the winter months. Unless otherwise informed by China Lake residents, Public Works personnel will assume they have "permission to enter." For further information contact Public Works Department HVAC Shop, ext. 277 or



FOUND — The wreckage of a small aircraft can be seen in the midst of a stand of trees. A helicopter, with its low and slow flight, is invaluable for search operations.

#### **R&D** Management course available to all Centerites

A course entitled "Research and Development Management" (BPA 577) will be offered each Monday evening from 4 to 9 p.m. at the Training Center from September 15 through November 17. The class will be taught in Rm. 103 of the Training Center by Dr. Ed Alden, George Lindsteadt, and Robert Glenn.

Because change is resisted in most organizations, one of the greatest challenges in any R&D organization is to provide a balance of stability and yet a climate that is receptive to creative change. This course will explore management approaches to the issues, problems and processes of fostering innovation in R&D organizations.

The class is offered as an elective in the Master of Public Administration external degree program, but interested NWC employees may also take the class on an

Anyone seeking further information about the course may telephone any of the three instructors.

#### Hot Line still available

Word was received recently from the office of the Chief of Naval Material that the Sexual Harassment Hot Line (800-336-4755) has been extended through September 30 because of an increase in the number of calls received and because some commands delayed dissemination of the number.

#### YN3 S. T. Hepburn selected as Sailor of Month by VX-5

Yeoman Third Class Sandra T. Hepburn was selected as Sailor of the Month for July by Air Test and Evaluation Squadron Five (VX-5).

In a letter of commendation to YN3 Hepburn, Capt. P. D. Stephenson, Commanding Officer of VX-5 praised her professionalism and her devotion to duty.

The letter states, "While assigned to the Administrative Office you have demonstrated a high degree of professionalism in all aspects of your duties. Your maturity, intelligence, and can-do attitude contribute greatly to the accomplishment of the command's mission."

It concludes, "Your professional competence, devotion to duty, and motivation has been most impressive.'

YN3 Hepburn joined the Navy in February 1977 while in Chicago, Illinois. She arrived in China Lake for her first tour



YN3 Sandra T. Hepburn

the following May. She states that China Lake "took some getting used to" - she never saw mountains or tumbleweeds before living here.

While stationed here she met and married a man who also worked for VX-5. Both YN3 Hepburn and her husband like to bowl, swim, and ski, both water and snow. They are planning to join the fall bowling league this year.

When she can, Yeoman Hepburn likes to travel. Her favorite places include the beach and the Northern California area.

Upon leaving the service YN3 Hepburn hopes to become a registered nurse.

As VX-5 Sailor of the Month, Yeoman Hepburn will enjoy one month without standing duty watches, receive a 72-hour special liberty, and have the use of a

the squadron's hangar. She will also receive a plaque and her photo will be displayed along with those of other squadron Sailors of the Month

reserved parking space near the entrance to

#### Energy Award . .

(Continued from Page 1) 20 percent reduction in total energy use.

Also recognized was the Center's involvement with alternate energy sources designed to make NWC energy independent. The main source of alternate energy being considered is geothermal power, with work beginning last December for the development of the Coso Geothermal Resource to provide approximately 20 megawatts of power for Center use.

In addition, evaluation has also been made of photovoltaic power systems, closed and open loop solar water heating systems, trash to gasoline conversion, low energy structures, and other power systems and

The citation concludes, "we salute the Naval Weapons Center for an outstanding energy conservation program."

The winning submittals for the Los Angeles Federal Executive Board awards have been forwarded to the National Federal Executive Board in Washington.

## Local Seabees help build field hospital in 2 weeks

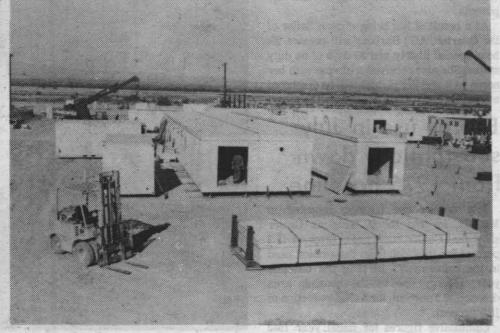
Twenty-five local members of Reserve Naval Mobile Construction Battalion 17 joined with other Seabees from Southern California, Arizona and Nevada in erecting an experimental field hospital module during a 2-week training period at the Marine Corps Air-Ground Combat Center. 29 Palms, Calif., in early summer.

Although the total field hospital module is configured as a 1,000-bed facility with quarters for 3,000 support personnel, it can be set up in units of 250, 500, or 750 beds. The entire 1,000-bed hospital can be set up by a Seabee battalion and be operational within 30 days.

Erected during this 2-week training period was one of the modules including operating rooms, support facilities, and a 30-bed nursing facility.

The field hospital is brought to the construction site in containerized units that are unpacked and set up on a graded site covered with steel matting. Minor adjustments in ground level can be handled readily when walls are erected by using wedges or jacks so that all rooms will be on the same level as the units are connected.

Walls are prefabricated with metal skins,



CONSTRUCTION UNITS — Two modules of the prefabricated experimental field hospital are tied together, another sits along side the two, and a final module lies in its container in the foreground, awaiting unpacking. Containerized units can readily be shipped or stored, and swung into place with heavy cranes on pre--Photo by CM2 Jerry Morrison, USNR

Prefabricated, insulated roofs top the various rooms.

The experimental hospital is designed to be built about 500 miles from front lines, where it would accept and treat patients who could be returned to duty within 60 days or who could be transferred to the United States for more extensive care.

The hospital is in a testing phase, both constructional and functional. Since the prefabricated parts were built by a number of different manufacturers, it is necessary to ensure that the various parts do, indeed, fit together.

Functional testing involves climate testing for desert, winter and tropical conditions. The desert testing phase is now being completed. Winter testing will occur at Bridgeport, Calif., in January 1981, and tropical testing at Camp Lejeune, North Carolina, in 1982.

Other planned exercises for RNMCB 17 this summer include construction of an assault landing zone, widening of dirt roads in the tactical training area at 29 Palms, and logistical support for a combined arms exercise this month.