

Pianist Gary Davenport to perform Wed.

A concert of piano music by Gary Davenport, a talented young musician from California, will be presented next Wednesday, Jan. 20, at 7:30 p.m. at the Center theater. This will be the third program in the Indian Wells Valley Concert Association's 1981-82 season.

The 27-year-old Davenport is a graduate of the Juilliard School of Music in New York, and is now completing work for a doctor's degree in piano performance at Claremont College in Claremont, Calif.

His nimble technique and lyrical playing style have won him several prizes, as well as consistently enthusiastic response from his audiences. Davenport's program here will encompass a variety of musical periods and styles, including selections by Scarlatti, Beethoven, Brahms and Ravel.

Tickets are now on sale in Ridgecrest for the piano concert by Davenport and can be obtained at the Music Man, and Gift Mart, Medical Arts Pharmacy, Center Pharmacy, and McNeil's Fashions. In addition, they can be obtained at the Maturango Museum and (if they are not sold out first) will be available at the theater box office when it opens at 4:45 p.m. on the day of the program.

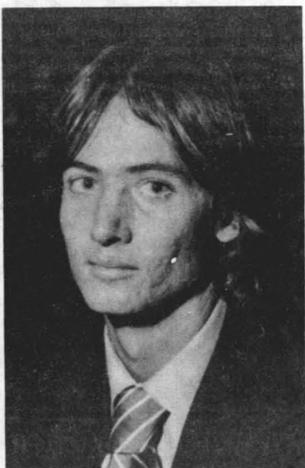
Tickets are priced at \$5 per person for general admission, or \$3 for those under 21 and over 65 years of age, as well as fulltime enlisted military personnel.

Mid-season memberships in the Concert Association for 1981-82 are also available. They provide a substantial savings compared to single-admission prices for the

remainder of the concert season.

Season ticket sales are not handled in local business places, but can be ordered by contacting the Concert Association directly by phoning 375-5600.

Special-event vehicle passes will be issued



Gary Davenport

at the NWC main gate to concert goers who do not have regular gate passes. Entry through the gate will be expedited by showing tickets to the guard on duty when

requesting a special-event pass, but a simple oral statement about attending the concert will be accepted.

Following high school, Davenport accepted a scholarship to attend the Juilliard School of Music. Subsequently, he received a bachelor's degree (in 1976) and a master's degree (in 1977) at Juilliard, and then returned to California to pursue his career as a concert pianist.

In 1978, Davenport won the Carmel, Calif., Young Artist Competition and the Santa Barbara Symphony League Competition prior to entering the Claremont Graduate School as a scholarship student to work towards his doctor's degree.

Major works that will be played by Davenport during his concert program here on Jan. 20 will include Beethoven's "Sonata No. 28 in A (Op. 101)," "Variations on a theme by Paganini, Book II (Op. 35)," by Brahms, and Ravel's "Le Bombeau de Couperin."

As an added bonus for local piano students and all others interested in piano music, Davenport will present a lecture-demonstration from 10 to 11:30 a.m. on Wednesday, Jan. 20, in the Burroughs High School lecture center. The concert artist will play some excerpts from the works on the evening program, as well as portions of other selections for comparison.

This program is being presented as an educational service of the IWV Concert Association, and is open to the public free of charge. Piano students of all ages and levels of playing ability are invited to attend.

MOVIES

(G) ALL AGES ADMITTED
(PG) ALL AGES ADMITTED
Parental Guidance Suggested
(R) RESTRICTED
Under 17 requires accompanying
Parent or Adult Guardian

Regular starting time 7:00 p.m.

FRIDAY "FRIDAY THE 13th PART II" JAN. 15
Starring
Amy Steel and John Furey
(Horror-drama, rated R, 87 min.)

SAT. MON. "TARZAN THE APE MAN" JAN. 16, 18
Starring
Bo Derek and Richard Harris
(Adventure, rated R, 112 min.)

SUNDAY "DIRTY TRICKS" JAN. 17
Starring
Elliot Gould and Kate Jackson
(Comedy, rated PG, 92 min.)

WEDNESDAY JAN. 20
IWV Concert Association
presents
GARY DAVENPORT - PIANIST
7:30 p.m.

FRIDAY "ENDLESS LOVE" JAN. 22
Starring
Brooke Shields and Martin Hewitt
(Romantic-drama, rated R, 116 min.)

SATURDAY "THE BURNING" JAN. 23
Starring
Brian Mathews and Leah Ayres
(Horror-drama, rated R, 90 min.)

Half-price sale slated

Bargain hunters will have a field day next week when the Thrift Shop, located at 1809 Lauritsen, will hold a half-price sale.

The Thrift Shop will be open on Tuesday from 7 to 9 p.m., and on Thursday from 10:30 a.m. to 12:30 p.m.

Weekend Roundup

The Kern Philharmonic Orchestra will present a program of classical music tomorrow evening starting at 8, at the Burroughs High School lecture center.

Tickets are priced at \$3 for general admission, or \$1.50 for students, enlisted military personnel and senior citizens, and can be obtained in advance at Loewen's or the Music Man in Ridgecrest. They also will be on sale at the BHS lecture center box office prior to the performance.

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Tomorrow evening is Membership Night at the Commissioned Officers' Mess.

A price of \$5 for members and their spouses and \$6 for guests will include a buffet dinner featuring chicken a la Kiev, from 6 to 9:30 p.m.; a floor show starring the comedy of Mike Caldwell at 10 p.m.; and dancing to the music of "The Chicago Stompers," from 8 p.m. until midnight.

Reservations for this special evening must be made no later than 4 p.m. today. Tickets will not be sold at the door.

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A memorial service honoring Dr. Martin Luther King, Jr., will be held in the Community Center Sunday, from 3 to 5 p.m.

Everyone in the community is encouraged to attend this program that has been planned as a way of recognizing Dr. King's contribution to America.

STC to stage day-long workshop on newsletter publishing Jan. 30

Local organizational newsletter editors looking for ways to improve the attractiveness and readability of their newsletters will be offered the opportunity to learn from the pros when the Sierra-Panamint Chapter of the Society for Technical Communication (STC) puts on a day-long newsletter publication workshop.

"We're designing the workshop to help writers, publishers, and illustrators produce attractive, communicative, cost-effective newsletters more quickly and with greater ease," said Bill Blanc, president of the Sierra-Panamint Chapter. Blanc and Byron Butler, the chapter's program chairman, are in charge of arranging the workshop, the first of its type to be offered locally.

The workshop will be given from 9 a.m. to 4 p.m. on Saturday, Jan. 30, in the conference room of the Kern County Library, 131 E. Las Flores Ave., Ridgecrest.

Workshop participants are encouraged to bring issues of their organizational newsletters for discussion. The workshop sessions will be presented by specialists in writing, publishing, and graphic arts, with plenty of time allowed for discussion and individual consultation with the session leaders.

Because of the limited space and the need for a workshop environment, enrollment will be limited. Signups will be taken on a first-come first-served basis, with an added incentive for early enrollment in the \$10 fee for pre-Jan. 23 signups. After Jan. 23, the cost will be \$12.50. Those interested in participating in the workshop may receive an enrollment application by calling Chet Creider, STC treasurer, at 375-5725.

Participants should bring their own brown bag lunches. Coffee, tea, and soft drinks will be provided, and workshop hands-on materials will also be supplied.

U.S. Government Printing Office: 1982 - No. 1007

From: _____

To: _____

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Sabretooth tiger subject of talk at Museum dinner on Jan. 29

The annual dinner meeting of the Maturango Museum of Indian Wells Valley will be held on Friday, Jan. 29, at the Enlisted Mess.

Featured speaker for the evening will be Dr. William A. Akerstein, curator of the George C. Page Museum at the famed Rancho La Brea tar pits in Los Angeles.

Dr. Akerstein, who is a member of the Maturango Museum, will discuss his revolutionary new theory on the natural



Dr. William A. Akerstein

history and habits of the sabretooth tiger, California's best-known prehistoric animal, during a talk entitled "Of Dragons and

Lunch meeting set Tuesday by High Desert Art Council

The High Desert Council for the Arts will hold an important sack-lunch meeting in the Sylvia Winslow Exhibit Gallery at the Maturango Museum on Tuesday at 11:30 a.m.

Mary Witcher, member of the Maturango Museum Board of Trustees, will discuss the results of her recent meeting with the California Arts Council in Sacramento.

All area arts and arts-related organizations and groups are invited to send representatives, and all interested individuals are invited to attend.

Anyone seeking more information may telephone the Maturango Museum, 446-6900.

Sabretooths.

The guest speaker is responsible for overall supervision of research and curatorial activities at the Page Museum, and has examined hundreds of skeletal remains of sabretooth tigers. His conclusions contradict the popular belief that these extinct predators were loners that slashed and stabbed their victims to death in bloody, primeval battles.

The evening's activities will begin with a social hour that will be followed at 7 p.m. by a buffet dinner of steamboat round of beef, ham and turkey. Dr. Akerstein's talk, which is scheduled to begin at 8 p.m., will be followed by a short business meeting during which awards will be presented and results will be announced of balloting held to elect three members of the museum's board of directors.

Price of the dinner is \$8.50 per person, and reservations (which are required) can be made by calling the museum at 446-6900 no later than Monday, Jan. 25.

NRS office to move to new location Monday

The Navy Relief Society office will move Monday from its present location on King Street into the Red Cross building, 1811 Lauritsen (next door to the Thrift Shop).

Anyone who needs to contact the Navy Relief Society because of an emergency on Monday should call Rosemary High at the All Faith Chapel, NWC ext. 3506.

The Navy Relief Society office is open Monday, Wednesday, and Friday from 11 a.m. until 2 p.m. The office telephone number is 446-4746.

BHS Children's Theater to present 'Cinderella'

The Burroughs High School Children's Theater will present "Cinderella of Loreland" on Friday and Saturday, Jan. 22 and 23, and Jan. 29 and 30 at 7:30 p.m. at the Burroughs lecture center. There will also be a matinee on Saturday, Jan. 30, at 2 p.m.

General admission for this family show is \$1.50, with children 12 and under being admitted for \$1. Tickets may be purchased at the door or, in advance, from members of the cast.

CNM Award for Productivity Excellence won by NWC

Adm. John G. Williams, Jr., Chief of Naval Material, announced that the Naval Weapons Center was one of seven winners of the 1981 CNM Productivity Excellence Awards.

This new award honors field activities that demonstrate highest levels of productivity and productivity growth during the fiscal year. Nominations were made by the next higher echelon command based on criteria tailored to the type of activity.

The Naval Weapons Center was nominated by Capt. David F. Parrish,

Assistant Deputy Chief of Naval Material for Laboratory Management.

The NWC initiatives supporting the nomination include: Lead Laboratory for the Navy's Interactive Graphics Program, leadership in the Base Operating Support (BOS) contracting effort, continued implementation of the Personnel Management Demonstration Project, and consistent quality support of the Productivity Investment Fund (PIF) Program.

NWC represented the Research and Development Laboratories. Other CNM

Productivity Excellence Award winners and the categories they represent include: Naval Air Systems Command, Naval Air Rework Facility, Jacksonville, Fla.; Naval Sea System Command, Naval Shipyard, Portsmouth, Va., and Naval Weapons Support Center, Crane, Ind.; Naval Supply Systems Command, Naval Regional Contracting Offices, Philadelphia, Pa.; Naval Facilities Engineering Command, Public Works Center, Subic Bay, Republic of the Philippines; and Naval Electronics Systems Command, Naval Electronic Systems Engineering Center, Vallejo, Calif.

Winning commands will be entitled to fly a specially designed flag during 1982 and will receive a plaque and citation for permanent retention. Every employee will receive a commendatory wallet-size card. Each winning command will also be able to designate recipients of "CNM Productivity Fellowships" to a very limited number of employees whose contribution to productivity excellence has been the most profound.

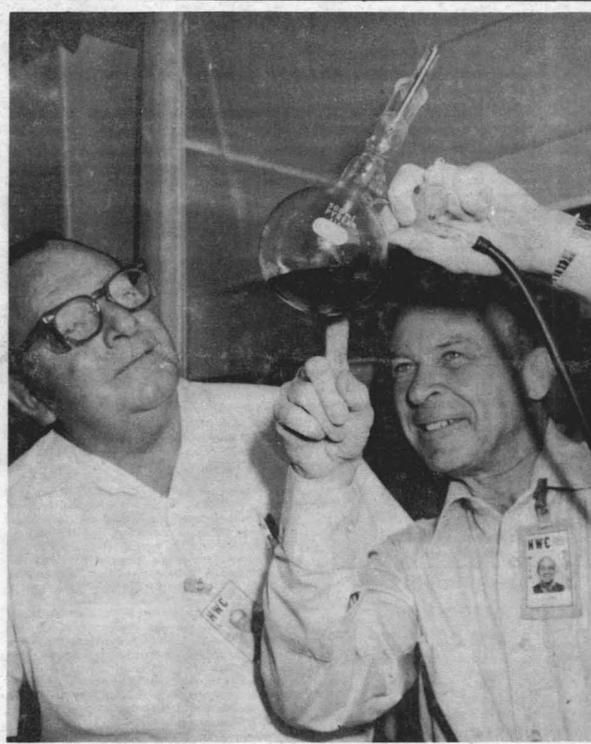
A date has not yet been announced when a formal presentation of the award will be made to the Center.



NAVAL WEAPONS CENTER
CHINA LAKE
CALIFORNIA

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Vol. XXXVII, No. 2



WORK IN PROGRESS - Dr. Eugene C. Martin listens as Dr. Martin Kaufman describes a characteristic of an adhesive with which he's working

Chemistry Division sticks with research on adhesive technology

The loss of heat-shielding tiles from the surface of the Space Shuttle recently brought worldwide public attention to the need for good adhesives — adhesives strong enough to bond the surfaces of two different materials together so securely that the bond will withstand the stresses of space flight.

And adhesives are vital for far more mundane uses than space flight. Rubber and cords in tires need to be joined securely for safety, for instance, as anyone who has the tread on a tire separate while driving down a freeway can testify.

Other adhesives are used for sealing envelopes, for bonding band-aids to the skin, and for the manufacture of plywood. These are but a few of the almost limitless applications of adhesive technology.

Military forces have prospered because they have had better adhesives than their enemies. In the Middle Ages, the Turks controlled a large part of the known world because of the superiority of their composite bow that enabled them to outshoot their opponents. The composite bow gained its strength from the union of sinew, horn and wood held together by an outstanding adhesive whose composition was kept a closely guarded secret.

Since an adhesive can be lighter and yet stronger than mechanical means of joining materials together, the value of adhesive technology to the Department of Defense grows each year.

Dr. Martin Kaufman, a senior research scientist in the Chemistry Division of the

Research Department, spends much of his time working with adhesives, and holds a number of patents for his work in that field.

An ideal adhesive, according to Dr. Kaufman, will join materials as dissimilar as metal, ceramic, plastic, glass, or wood in such a way that the bond will be as strong or stronger than the original materials.

The bond must be able to withstand environmental effects of moisture and temperature change. One difficulty with joining materials is that different materials have different coefficients of expansion. A large temperature change may cause the juncture to break when one material expands or contracts more rapidly and to a greater extent than the other.

In addition to moisture, any oil or grime or dirt on either substrate will prevent proper bonding of adhesives.

The best adhesives have high cohesive strength. They hold together like links of a chain. If an adhesive can react chemically with the two substrates to be joined, forming a new linkage, that covalent bond may actually be stronger than either of the original materials to such a degree that the original materials will fail before the bond does.

Dr. Kaufman and Dr. Eugene C. Martin, head of the Polymer Science Branch in the Chemistry Division, and other chemists are actively seeking economically feasible methods of altering the surfaces of different types of materials in such a novel way that they will join chemically with an adhesive to result in a permanent bond.

If such means of altering surfaces can be found, the resultant applications will extend well beyond just adhesive technology. Surfaces could then also be altered to achieve other desirable characteristics; for example, a relatively frictionless surface could be provided. If surfaces could be altered at will, protective paints could endure harsh environments for longer times.

No one adhesive will probably ever solve all problems, says Dr. Kaufman, because of the wide range of materials that need to be joined, but the search continues. In the meantime, less than perfect adhesives still have a myriad of practical uses, and fill the immediate needs of the Navy.

Two programs offer help, education on drugs

Adm. Thomas B. Hayward, the Chief of Naval Operations, said in his SITREP on drug abuse that "we're here to help you if you want help."

Two separate programs have long been available at the Naval Weapons Center to help not just those who have problems with substance abuse (either drug or alcohol) but also those who find that they've got other types of problems. The primary program for civilians is the Employee Assistance Program in the Personnel Department (located in the Training Center); for military, it is the Counseling and Assistance Center at 880 King Street.

Personal problems inevitably affect how an individual can function on the job. The underlying philosophy of both the EAP and the CAAC is to help restore any troubled person to full effectiveness again.

In response to the Navy's "get tough" policy on drugs and drug abuse, the EAP is sending an informational flyer to all NWC supervisors, aimed specifically at helping supervisors who are wondering what they

can or should be doing about the drug abuse problem.

EAP Manager Terry Mitchell emphasizes that preventing drug and alcohol abuse is the responsibility of each individual employee, either civilian or military.

"Anyone can have problems," says Ms. Mitchell, "and may need help to find more successful options for dealing with them. A counselor can help make those options visible to us."

Anyone seeking a counseling appointment can call Floyd Drake (NWC ext. 2480), a counselor from Desert Counseling Clinic, who is on board the Center 24 hours each week, or Ms. Mitchell (NWC ext. 2574) when Drake is unavailable. Any supervisor who wishes to refer an employee to EAP is requested to call Ms. Mitchell prior to doing so.

NWC will pay for up to six visits to a counselor at DCC or for an unlimited number of visits with Drake on Center. What an employee tells a counselor is confidential, and that the person is seeing a counselor through the EAP is not entered

PROJECT
COMMUNITY
PRIDE
Tomorrow, 9-12:30

(Continued on Page 4)



DEGREES CONFERRED—Requirements for a degree in computer science from California State University at Chico were completed recently by (l.-r.) Steve Beattie, Gene Schneider and Ray Martinusen. Beattie received a bachelor of science degree, while Ms. Schneider and Martinusen earned their master's degree as did Victor Stone, who was unable to be present for the photo.

Four NWC employees complete computer degree requirements

Four Naval Weapons Center employees recently completed the requirements for a degree in computer science from California State University at Chico.

Three of the Centerites — Ray Martinusen, Gene Schneider and Victor Stone — earned master's degrees, while Steven Beattie qualified for a bachelor's degree.

Martinusen is a computer scientist employed in the Software Engineering Branch of the Aircraft Weapons Integration Department; Ms. Schneider, a computer specialist, works in the Data Reduction Branch of the Range Department, and Stone is a supervisory physicist in the Engineering Department's Environmental Engineering Division.

Beattie, another computer scientist, also is employed in the Range Department's Data Reduction Branch.

NWC became involved with Cal-State Chico in a master's degree program in computer science in the fall of 1978. The program was so well received that it was expanded to include a bachelor's degree program in the fall of 1980.

Both are external degree programs, which means that the degree a student receives is identical to that awarded on campus, but there are no on-campus class requirements. Instead, all of the course work is available at NWC.

Both of these educational programs are of prime importance to the Center in helping to meet staffing and retraining needs in the computer science area. All levels of NWC employees are participating in this training, including a number of scientists and engineers (GS-13s through GS-15s) who are retraining themselves.

In addition, a sizable group of students in this program are currently in non-professional or sub-professional jobs (clerks, technicians, aids). Once any of them receive a computer science degree, it will serve as a powerful Upward Mobility

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 permanent 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 alternative 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 supervisory 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 Center is an Equal Opportunity Employer; selections are made without discrimination for any nonmerit reason.

Announcement No. 24-047, Firefighter, GS-081-3/4, PD Nos. 7824022N, 7924014N, Code 242 — Temporary position not to exceed one year. The purpose of this advertisement is to establish a register to fill temporary (not to exceed one year) Firefighter vacancies. NWC will accept applications from reinstatement eligibles, individuals not on registers who have skills necessary to qualify for this position, and VRA eligibles. This position is located in the Fire Division of the Safety & Security Department, incumbent will perform the basic tasks required to carry out the fire protection and fire prevention programs at this activity. Fire hazards which may be encountered include structural, aircraft, explosives, and fuels and propellants. This advertisement cancels all previous GS-3/4 registers for temporary positions. All previous applicants must reapply. **Job Relevant Criteria:** Ability to perform the duties of a Firefighter. **Supplemental Qualifications Statement** are required and may be obtained from the recipient in the Personnel Department.

Announcement No. 26-268, Secretary (Typing), GS-318-3/4, PD No. 8126017N, Code 242 — This position provides secretarial support in the Maintenance-Utilities Division, Public Works Department. Duties include: maintaining calendar; setting up regular and special meetings; receiving and directing visitors and phone calls; reviewing and preparing correspondence; receiving and screening incoming mail; maintaining files; preparing travel orders and itineraries, etc. **Job Relevant Criteria:** Ability to perform receptionist and telephone duties; ability to review, control, screen and distribute incoming mail; ability to review outgoing correspondence; ability to compose correspondence and/or to prepare non-technical reports; knowledge of filing systems and files management; ability to meet the administrative needs of the office; ability to train clerical personnel and organize workload of clerical staff; ability to plan and coordinate travel arrangements; ability to maintain and coordinate supervisor's calendar and to arrange conferences. **Supplemental Qualifications Statement** is required along with SF-171 and may be picked up at the Personnel Bldg. Rm. 100.

Announcement No. 26-269, Utilities Clerk, GS-303-4 PD No. 8226003N, Code 2435 — This position is in the Electrical Branch, Engineering Division, Public Works Department. Incumbent prepares and analyzes on and off-center reports for the energy function; reviews and processes for payment, utility invoices; maintains cumulative records of all utilities; and gathers energy reporting information and prepares energy consumption and cost budget estimates. **Job Relevant Criteria:** Knowledge of collecting, organizing and interpreting numerical data; ability to operate an electronic calculator; knowledge of Navy and Center energy conservation programs and regulations; ability to deal with employees of all levels; and ability to perform the duties of the position without more than normal supervision.

Announcement No. 26-270, Shop Planner (General), WD-355-5, JD No. 554N, Code 2603 — This position is located in the Maintenance-Utilities Division of the Public Works Department. The incumbent plans for the carpenter and painter functions; processes shop orders and job orders;

orders standard and non-standard equipment and writes inter-shop orders for prefabrication by other shops; checks that all necessary material to complete the work is in stock; orders materials; reviews prints, sketches, or other instructions with the shop or craft supervisor; keeps records of all labor charges and progress of work; performs related work as assigned. **Job Relevant Criteria:** Ability to facilitate production; technical practices; ability to interpret instructions, specifications, etc.; knowledge of different materials; knowledge of pertinent tools and equipment. **Supplemental Qualifications Statement** is required along with SF-171 and may be picked up at the Personnel Bldg., Rm. 100.

Announcement No. 26-271, Facilities Management Specialist, GS-1601-7/9/11, PD No. 8226004 (Promotion potential to GS-12) or Civil Engineer, DP-810-1/2, PAC No. 8226004 (Promotion potential to DP-3), Code 2603 — 2 vacancies. These positions are located in the office of the associate head, Public Works Department. Incumbent assists the directorate to which he/she is assigned in facilitating and tracking jobs in progress in Public Works. Assists customers in the preparation of required paperwork. **Job Relevant Criteria:** Ability to plan for future facilities requirements; knowledge of Public Works functions and capabilities; knowledge of construction trades; ability to gather, analyze and present data; ability to communicate clearly and concisely both in writing and orally; ability to communicate effectively with people at all organizational levels.

Announcement No. 31-039, Supervisory Mathematician, Physicist, General Engineer, Computer Scientist, Electronics Engineer, DP-3, PAC 8231501, Code 3195 — This position is that of head, Computer Systems Development Branch, Tactical Software Engineering Division, Aircraft Weapons Integration Department. This branch performs simulation and flight test data acquisition and analyses; software tools development for technical management, tactical software development, data reduction and analysis; and data communications planning and implementation for Code 31. **Job Relevant Criteria:** Background in physics, analysis of physical systems and avionics; overall knowledge of operational software development; familiarity with digital computer simulation and the system engineering process; knowledge of Center support functions; analytical ability; ability to deal effectively with personnel inside and outside government; interest in and potential to manage people problems (EEO). Applications from status eligibles accepted. Previous applicants need not reapply.

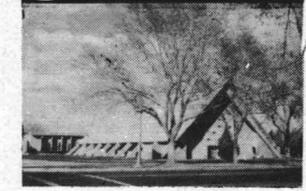
Announcement No. 31-040, Supervisory Mathematician/Physicist/General Engineer/Computer Scientist/Electronics Engineer, DP-3, PAC 8231502, Code 3191/3192/3193/3194 (4 vacancies) — Positions are heads of A4/AV-8B Project Branch, A-6E Project Branch, A-7E Project Branch, and F/A-18 Project Branch of the newly reorganized Tactical Software Engineering Division, Aircraft Weapons Integration Department. These branches provide tactical system design, algorithm development, functional analysis, tactical software design, and implementation on various airborne computers for respective projects. Note: Applicants should indicate on their SF-171 which position(s) they are applying for next to the announcement number. **Job Relevant Criteria:** Background in physics, analysis of physical systems and avionics; overall knowledge of operational software development; familiarity with digital computer simulation and the system engineering process; knowledge of Center support functions; analytical ability; ability to deal effectively with personnel inside and outside government; interest in and potential to manage people problems (EEO). Applications from status eligibles accepted. Previous applicants need not reapply.

Announcement No. 31-041, Administrative Officer, DA-341-3, PAC No. 8231509, Code 31 — This position is located on the Department Staff, Aircraft Weapons Integration Department. The incumbent directs comprehensive staff and managerial services, provides consultation and advice to the Assistant Department Head for Administration. Duties include the coordination of all resource management, organizational analysis, administrative policy, safety and security programs. Emphasis is placed on the provision of facilities/equipment planning and analysis for the department. **Job Relevant Criteria:** Knowledge of facilities/space management;

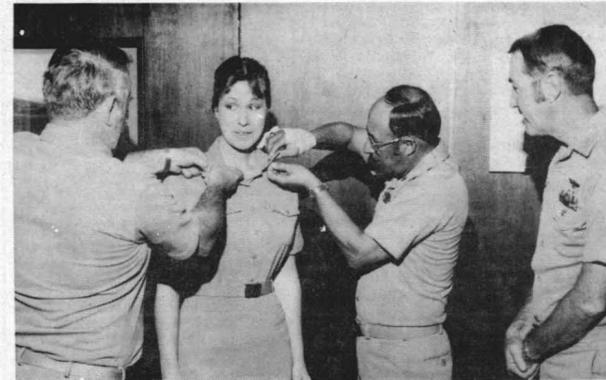
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Announcement No. B-448, Mechanical/Aerospace Engineer, DP-830/861-2, PAC No. 8144536E, Code 4412 — This position is located in the Product Support Branch, Parachute Engineering Division, Parachute Systems Department. The incumbent will perform engineering purposes of design/operational improvements to aircrew survival equipment such as parachutes and related components and personnel restraint systems for Navy aircraft. Other duties include product improvement analysis, technical liaison on contracts, technical validation of both design and procurement technical data packages, preparation of ECPs, ACCS, NORs. To apply for this position or for more information contact John Johnson, ext. 3449.

Announcement No. B-449, Mechanical/Aerospace Engineer, DP-830/861-3, PAC No. 8144536E, Code 4412 — This position is located in the Product Support Branch, Parachute Engineering Division, Parachute Systems Dept. The incumbent will be responsible for and perform complex engineering studies for design/operational improvements to aircrew survival equipment such as parachutes and related components and personnel restraint systems for Navy aircraft. Other responsibilities include product improvement analysis, technical liaison on contracts, technical validation and approval of both design and procurement technical data packages, preparation of ECPs, ACCS, NORs. To apply for this position or for more information contact John Johnson, ext. 3449.



PROTESTANT	
Sunday Worship Service	1000
Sunday School	0830
ROMAN CATHOLIC	
Sunday Mass (except Saturdays)	0830 & 1130
Daily Mass (except Saturday)	1135
Sunday Religious Education Classes	1000
JEWISH	
Friday in the East Wing	1930
UNITARIAN	
Sunday, Annex 95, as announced	1930



PINNED — Ltjg. Sharon Beck gets the insignia for her new rank pinned on by (l. to r.) RMC Lonnie D. Duggins and ETCH Norman R. Carroll, Jr., as Capt. Lahr watches. Ltjg. Beck's promotion ceremonies took place in the Skipper's office. Ltjg. Beck heads the Communication Division of the Military Administration Department. — Photo by Don Cornelius

Burros boys rack up 2 wins in basketball Golden League play

The Burroughs High School boys' varsity basketball team, which squeaked by Canyon 70-69 in the Golden League opener on Jan. 5, picked up two more league wins during the past week at the expense of Palmdale and Saugus.

Last Friday night in Palmdale, the Burros cruised past the Falcons with an easy 80-67 win. In their first home game of the 1981-82 season, it was a slightly different story, however. The worrisome Saugus Centurions featured a ball control, slow-down type of offense, but the Ridgecrest cagers finally prevailed by a score of 65-59.

It was the third straight league loss for the Centurions, compared to the third win in a row for the defending league champions from Burroughs.

Next Golden League action for the BHS boys' varsity will be on Tuesday at Hart High School in Newhall. Freshman and junior varsity games starting at 3:30 and 5 p.m. will precede the varsity contest at 6:30.

Cold hasn't stopped trout fishermen from scoring at Isabella

The temperature has edged up from its 18-degree low at Lake Isabella, but the catfish apparently still think that it's winter and are ignoring even the most tempting tidbits that fishermen are dangling in front of them. Several days of easterly winds haven't helped catfishing either.

Trout, on the other hand, find the temperature of the lake water delightful and are hungrily going after all the various offerings that fishermen are making all the way around the lake. Since most of the trout being caught are the stock planted late last fall, they are in the 10- to 14-inch range, and some nice ones up to three pounds have been caught.

Kincheloe elected by C/L Men's Golf Club to head new officers

With the end of the calendar year, the time came once more for members of the China Lake Men's Golf Club to elect its officers for the new year ahead.

Selected to serve during 1982 were Jim Kincheloe, president; Basil Legg, vice president; Ev Yelland, secretary, and Bob Young, treasurer.

Three new members of the board of directors were also chosen. These are John Emery, Ed Nelson, and Frank McElfish.

IWW Pony/Colt meeting

There will be an IWW Pony/Colt baseball league board of directors meeting tomorrow at 1 p.m. in Rm. 205 at the Training Center.

Anyone who is interested in serving on the board is invited to attend. All managers and coaches from last season are also welcome.

Six youth basketball games last weekend kick off new season for young players

Six games kicked off the 1982 season of Youth Basketball League action last Friday night and Saturday morning at the Center gym.

In the curtain raiser on Friday night, the Hawks defeated the Pacers 29-24 and the Spurs outscored the Bucks 14-11 in a pair of Junior Division contests for players 11 and 12 years old.

Paul Mane, of the Pacers, was the high point man with 8 in the Hawks vs. Pacers tilt. Other leading scorers were Randy Jones and Ann Zagala, both of Hawks, and Greg Boske, of the Pacers, all with 6 points each.

Jimmy Kight led the Bucks with 6 points in their losing effort against the Spurs, whose top scorer was Donald Ashton with 4.

On Saturday morning, the Nets led things off with a 19-12 win over the Bulls, and the Suns trounced the Spurs 27-6 in two Instructional Division contests for 7- and 8-year-olds.

Paul Ashton spearheaded the Nets' win over the Bulls with 10 points. He was backed up in the scoring department by a teammate, Steve Mills, who had 6. The Bulls' top scorers were Todd and Brian Mather, who tallied 6 and 5 points, respectively.

Two players made it into the double-figure scoring column for the Suns in their lopsided win over the Stars. They were Matt Plugge with 11 and Shawn Hamilton, who pumped in 10.

Wrapping things up on Saturday morning at the Center gym, the Nuggets blasted the Celtics 35-15 and the Rockets edged the Knicks 19-17 in two Intermediate Division tilts for 9- and 10-year-old players.

Troy Mather was the big gun for the Nuggets as he tallied 24 points to lead his team to its one-sided win over the Celtics.

Brian Fitzgerald was the game's high point man with 8 in the Rockets' narrow win over the Knicks, whose top scorer was Todd Stephens with 7.

Promotional opportunities

(Continued from Page 2)

ability to analyze complex and diverse processes; ability to communicate effectively, both orally and in writing; ability to deal effectively with all levels of personnel; knowledge of center-wide administrative processes; interest in and potential to handle people problems (EEO).

Announcement No. 33-003, This is an Interdisciplinary temporary Supervisory position for a period not to exceed one year. It may be filled by any of the following: Mechanical Engineer, DP-830-3/4; Electronics Engineer, DP-855-3/4; Mathematician, DP-1530-3/4; Physicist, DP-1210-3/4; Aerospace Engineer, DP-861-3/4; Operations Research Analyst, DP-1515-3/4, PAC No. 8033636, Code 33001 — This position is that of associate head, Survivability & Lethality Division of the Fuze and Sensors Department. The division provides design/development, analysis systems engineering and validation essential for increasing the survivability of naval air weapons systems. The division also has the responsibility for weapons lethality evaluation including weapon system characterization, weapon effects, terminal and game analysis and safe separation. To support activity in these areas the division is responsible for direct management and maintenance of the Weapons Survivability Laboratory. Note: position may become permanent at a later date without further competition. **Job Relevant Criteria:** Ability to supervise; knowledge of the engineering technology and safe separation. To support activity in these areas the division is responsible for direct management and maintenance of the Weapons Survivability Laboratory. Note: position may become permanent at a later date without further competition. **Job Relevant Criteria:** Ability to supervise; knowledge of the engineering technology and safe separation. To support activity in these areas the division is responsible for direct management and maintenance of the Weapons Survivability Laboratory. Note: position may become permanent at a later date without further competition. **Job Relevant Criteria:** Ability to supervise; knowledge of the engineering technology and safe separation. To support activity in these areas the division is responsible for direct management and maintenance of the Weapons Survivability Laboratory. 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Registration open for swim classes for tiny tots, youth

Registration is now being taken at the NWC gym office for a tiny tot swim class and a youth swimming class, both of which will begin in February and be taught by Adrienne Swinford.

There is a \$9 fee, payable prior to the first class session, for tiny tot swim classes that will be held on Tuesdays from Feb. 2 through March 9.

The first session, from 9 to 9:30 a.m., is for toddlers 4 through 18 months of age, and the second is scheduled from 9:30 to 10 a.m. for youngsters 19 months through 3 years of age.

As a prelude to the youth swimming class for children 4 years of age and up, there will be a screening session on Saturday, Feb. 6 from 10 to 11 a.m. at the indoor pool.

Based on each youngster's demonstrated ability, the instructor will place swimmers in an appropriate class. Regular instruction, for which there is a fee of \$12, will be held on Saturdays from Feb. 13 to March 20.

Plans being made for spring season of youth soccer

Signups for the Recreational Services Youth Soccer League's spring season begins Feb. 1 and lasts through Feb. 26. Registration will be at the Community Center from 8 a.m. until 1 p.m. and 2 to 4 p.m. Mondays through Fridays.

Each player must provide name, address, phone number, school grade, and the team or coach that he or she played with last spring if the player was previously involved with the spring soccer program. Boys and girls in grades 1 through 9 are eligible to play.

A fee of \$10 per player is payable at the time of registration to cover the cost of equipment and uniforms. Checks should be made out to the Navy Recreation Fund. In addition, players who do not have a current sports activity card on file will be required to pay the sports activity registration fee.

Those seeking additional information on the Youth Soccer Program may call the Community Center at NWC ext. 2010 or 2081.

Deposit fee increased on camping equipment

Because of the recent misuse and abuse of camping equipment that is offered for rent by the Recreational Services Department, the deposit assessed for use of such equipment, which formerly had been \$5, has been increased to \$25.

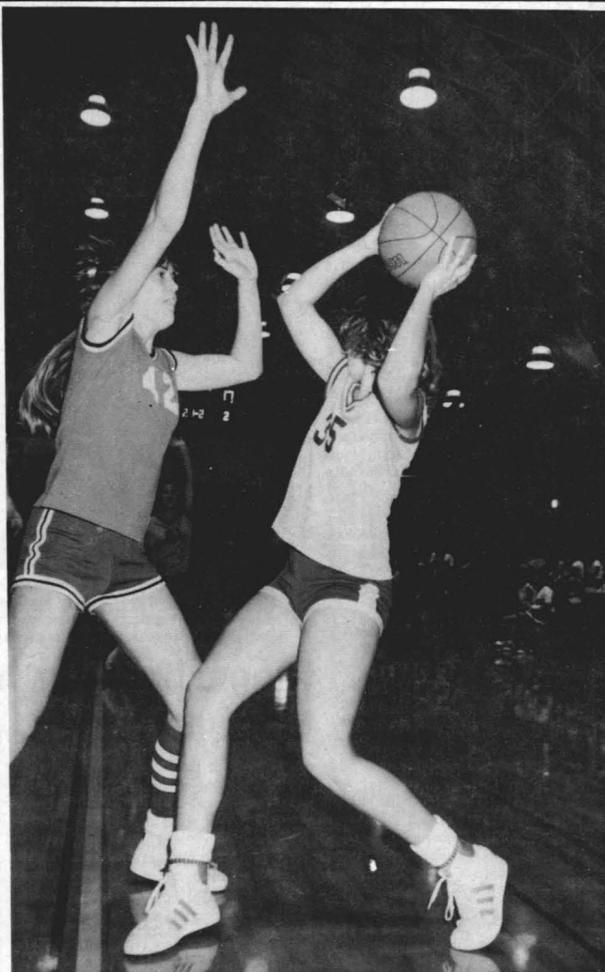
This deposit is required for the rental of tents, trailers, boats and motors, and horse trailers. Those who rent such equipment will be required to pay for any damages or cleaning problems that exceed the \$25 deposit.

The deposit will be returned within two days after this camping equipment is returned in good shape. Anyone having questions about this is asked to contact AOC J.L. Vick by calling NWC ext. 3387.

Ocean fishing rewarding

Fishermen willing to bundle up and brave cold winter temperatures off the Central California coast are getting a double reward these days: they are averaging a catch of 14 fish per day, and are also seeing the whales moving south to their breeding grounds off Baja California.

Anglers heading to sea from Morro Bay for one-day trips last week found that ling cod are moving in once more.



TOP FLIGHT GUARDING — Burros' Shelley Gravelle has her eye on the ball as Cheryl Kittliff, a player from the Palmdale Falcons, looks for a teammate who may be more free to shoot for a basket. The Burros girls won this game last Friday by a score of 48 to 39 against an unexpectedly strong Palmdale squad.

Burros girls defeat Palmdale, Saugus cagers in league tilts

Burroughs High School's girls' varsity basketball team continued the successful defense of its Golden League championship by defeating the visitors from Palmdale 48-39 last Friday night at the BHS gym, and then knocking off Saugus 52-39 in a game played Tuesday night at Saugus.

Leslie Krenznel and Shelley Gravelle combined their talents to get the BHS girls off to a 10-5 start in the first quarter of the Palmdale game last Friday, and the Ridgecrest team led by a comfortable margin of 23-12 at the half.

A pair of free throws by Regina Juniel of Palmdale cut the Burros' lead to 31-25 at the end of the third quarter, but a 6-point deficit was as close as the Palmdale girls could come to catching up with the Burros, who rattled the hoop for 17 points in the final

Entry list cut to 24 in Master's Bowling Tourney

An exciting first qualifying round of the Hall Memorial Lanes Men's Master's Tourney cut the entrants to 24, with five alternate bowlers standing by in case any of the qualifiers are unable to bowl in the semifinals tomorrow.

Top qualifier is Earle Roby, with a total of 2094 pins. Only 129 pins separate him from the lowest qualifying score, meaning that over a 10-line total, an average of less than 13 pins separated the kegglers.

The semifinal round begins at 1 p.m. tomorrow. The five bowlers with the highest cumulative total of pins following the semifinals will then gather on Sunday at 2 p.m. for a head-on-head final round.

period of play to win it 48-39.

Charlene Kessler, who was moved up from the jayvee squad, sparked the BHS girls' 17-point total in the fourth quarter with 7 points on two field goals and three free throws.

Juniel, of Palmdale, was the top scorer with six field goals and six free throws for a total of 18, while Ida Somero tallied 13 in a losing cause for the Falcons.

The Burros were led by Gravelle with 13 points; Kessler, who hit 12; and Krenznel with 11.

Picking up where they left off last Friday against Palmdale, the BHS girls dominated Tuesday night's game at Saugus, where they rolled up a 30-15 halftime lead enroute to a 52-39 victory.

In the third quarter, the Saugus team cut the Burros' lead to its smallest margin (10 points) thanks to a 16-point scoring effort, but the Centurions were unable to keep up the scoring pace in the final period and lost by a total of 13 points.

Charlene Kessler led the Burros with 14 points, including 8 in the second quarter. Other top scorers for the BHS girls were Shelley Gravelle with 13, and Mary McDonough, who tallied 11.

Milby, the center for Saugus, also scored 14, and Leonard, a guard, came through with 13 for the Saugus girls' varsity squad.

Next home game for the Burroughs High girls' varsity basketball team will take place on Tuesday, when the Burroettes will host their counterparts from Hart High School in Newhall. The varsity game at 6:30 p.m. will be preceded by freshman and junior contests that will get underway at 3:30 and 5 p.m. respectively.

Varsity hoopsters from NWC lose to Norton AFB 102-70

Not all things that start well finish equally well.

Take, for instance, the game between the NWC Varsity and Norton Air Force Base last Saturday.

Despite being able to field two fewer players than the Airmen and averaging about an inch per player less (the least height disadvantage so far this year of any team that they've played), the Varsity team nearly matched the visitors basket for basket in the first half. With a 3-2 passive zone defense, the local team was able to control from where the visitors shot until the final seconds before the whistle blew. In those final few seconds, Norton picked up three baskets, putting that team into a 43-37 lead at the half.

The second half was a different story. The Varsity team worked man on man. Unfortunately, there was some confusion about which man was on whom, however, and by the time that this confusion got worked out, the locals were down 30 points.

In the closing minutes of the game, the Varsity hoopsters went back to the zone strategy that had worked well for them earlier, but the damage was done. At the end of the game the score read 102-70, with China Lake on the short end.

Varsity players who had a good night personally were Ken Dorrell, with 25 points; Kent Daniels, 15; and Millard Bell, 12. Outstanding players for the visitors were Nettles, who looped in 32; Finney, 19 and Carter, 14.

The NWC Varsity goes up against a Navy team for the first time next week in Long Beach in the Area Southern Pacific Regional Basketball Tournament before heading back inland to compete in an MDSL tourney on Jan. 23 and 24.

Raytheon kegglers move up to third in Premier League

The Raytheon Sidewinders moved up a notch to third place in Monday night's Premier League action at Hall Memorial Lanes, but are still a solid distance behind the league-leading Sports of All Sorts Squad. In second place is the Hideaway Team, placed midway between the other two.

The Raytheon Sidewinders had a hot night, scoring both the high team game (1,005) and high team series (2,866).

The individual standout bowler Monday night was Ron Jackson, who rolled a triple 200 series of 204, 246, and 233, for a total of 683.

Other Premier League bowlers topping the 600 series mark were Vern McGuire (625), Ernie Lanterman (623), and Bob Branson (611).

In addition to Jackson, bowlers who had single game scores in excess of 220 were Lynn Potter (232), Lanterman and Will Levy (226), McGuire and Mark LaFon (224), Dale Bennett (222), and George Barker (221).

Hunters can still go after ducks; season ends Sunday

Sunday is the last day of duck season, and hunters who plan to take advantage of duck hunting can pot themselves a variety of ducks in the Lake Isabella area if they go over this weekend.

California State Fish and Game personnel say that hunters who are patient can find a small number of many different ducks as well as the common ruddy ducks.

More than 200 Canada geese have also settled in at Lake Isabella, probably driven south by the violent storms further up the state. Anyone planning to shoot a Canada goose should be very careful that this is what is in the sights of the gun, however, because three wild swans are also in residence. The swan is protected.

The Skipper sez



All China Lakers, including military personnel, civilian employees, and their dependents are invited to submit questions to this column. Such queries must be in good taste and pertain to matters of interest to a large segment of the China Lake community. Answers to these questions are directly from Capt. Lahr. Please call NWC ext. 2727 with your question and state whether you are a military member, civilian employee or dependent. No other identification is necessary. Since only three or four questions can be answered in the Rocketeer each week, anyone who would like to ensure getting an answer to a question may leave name and address for a direct contact, but this is not required otherwise. There is no intent that this column be used to subvert normal, established chain-of-command channels.

QUESTION

Military — This is in reference to the article in the Rocketeer that there would be a playground put in the barracks area and playground equipment. What I want to know is why can't there be a playground set up or something put in the Capehart B area? If it could be, there might be fewer children running around on the streets than there are right now. We think we should have a playground here out in the Capehart B area.

ANSWER

I think installation of playground equipment in the Capehart B area of housing is an excellent idea. The housing area needs more parks and playgrounds installed. I have directed the Housing Manager to identify areas and decide on the type of equipment by using the self-help approach. That is, we furnish the equipment and the community furnishes the labor. This work will be accomplished on weekends. We have an excellent Self-Help program at NWC, but I want to expand the program to accommodate these types of projects. If you are interested in assisting this effort or have ideas or comments, please contact Bill Hatfield, NWC Housing, by calling 3411, ext. 318.

QUESTION

Civilian dependent — Large amounts of money come into the base in lump sums to fund projects. Not all of this money is needed immediately to fund particular projects. For instance — money may come in for a year, but you only need to fund a particular quarter. Is there any effort made of invest part of this money in interest-bearing accounts?

If the investment is made, where does the interest returned go? In a period of tight funding, it would seem to me to be a distinct advantage to have the additional money that the interest bearing accounts would give.

ANSWER

"Funds" received for projects are not actually money. NWC people refer to funding received from sponsors, when in fact, what NWC receives from sponsors are contracts. These authorize us to perform work using our own funds to pay for labor, materials etc., and to bill the sponsors for costs incurred. When our sponsors pay the billings, NWC receives funds, which replenish our cash. Therefore, NWC does not have large amounts of funds to be invested. If we did, we could not invest them locally. The United States Treasury is the only federal agency that is authorized to borrow, loan, and invest federal monies.

QUESTION

Military — Why, whenever I go to the gym to shoot basketball, a lot of times there are teams from Cerro Coso and they tell me to get lost. That gym is supposed to be for us, and I'm wondering why they have more privileges over it than I do?

ANSWER

I sincerely hope that no one actually tells you to "get lost." Cerro Coso Community College has a rental contract with the Recreational Services Department for use of the NWC gymnasium. With the exception of home games, Cerro Coso uses the gym in the early afternoons, a time frame that experiences very little use by normal patrons. The fees collected from rental agreements help offset the cost of operating the NWC athletic program and in turn benefit active duty military personnel, who are not presently charged for gym facility usage or sports participation. Also it provides a community service because the college does not have a gym. Additionally, military personnel are admitted to Cerro Coso home games for \$1, which is half the lowest student rate.

QUESTION

I was just wondering if there were any plans to reupholster the seats at the Base Theater, and, if so, when might that happen?

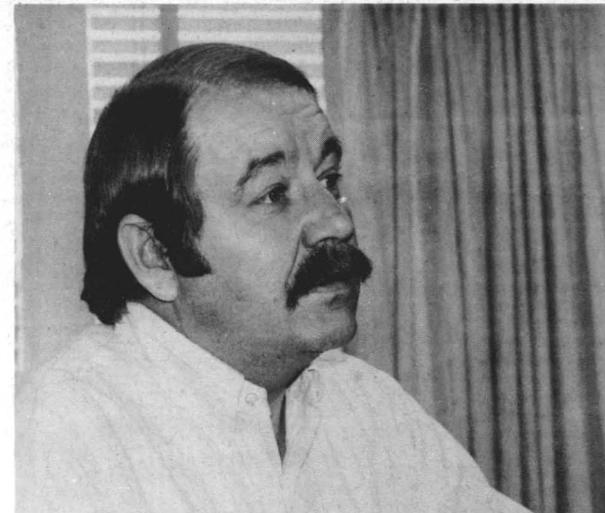
ANSWER

We do have plans to reupholster the seats in the theater. Public Works has provided a cost estimate for the job, and I have directed that funds be set aside to accomplish the work. I expect the work to be completed this fiscal year.



SCOUTING THE ENEMY — Ens. Ken Dorrell, who is the NWC coordinator for Project Community Pride, views some of the targets for tomorrow's "People Power vs. Trash" campaign.

— Photo by Don Cornelius



NEW DEPARTMENT HEAD — Steve Sanders has been selected as the new head of the Technical Information Department, replacing Bernard Connolly, who is leaving government employment.

Steve Sanders accepts post as TID's new department head

Steve Sanders has been selected as head of the Technical Information Department, replacing Bernard Connolly, who leaves the Center this week to head a private business venture.

"I've always been very impressed with the work that TID has done, so I'm excited about this assignment," says Sanders. "It's a healthy department with a lot of good people who have the expertise to continue to do a superb job."

Sanders leaves a position as Associate Head of the Personnel Department to take over his new duties. The basic function of both departments, he feels, is the same in that "We assist the Center to perform its job. TID will continue to provide maximum support to the rest of the Center."

In one way, Sanders notes, a TID product helped bring him to China Lake when he graduated from the University of Nevada at Reno in 1967, because the recruiting brochure and recruiting package were so much better than those of other establishments.

Another consideration in his coming to China Lake was the management intern program, which actively recruited graduates with degrees in liberal arts subjects (his is in history), and then provided training in an assortment of management areas.

Sanders selected the Personnel Department on completing his training because he likes people and working with people. "Management at China Lake has an outstanding reputation for its concerned care for its employees," he says.

At Personnel he's held an assortment of jobs such as EEO Coordinator; Personnel Management Advisor — he was PMA for TID for a while; Head, Employee-Management Relations Division; Associate

Department Head and Acting Department Head while Eva Bien was on a leave of absence.

Currently he has been double-hatted as Coordinator of the Demonstration Project as well as his other Personnel Department roles. Sanders' involvement with the Demo Project began early: he, Dr. Ed Alden, and Randy Riley from the Naval Ocean Systems Center in San Diego put the project together, and nursed it through Office of Personnel Management, Department of Navy, and Congressional briefings.

Other Washington experience has been more recent. Sanders spent from April through September of last year as a Legis Fellow, working in the office of Senator Ted Stevens of Alaska, who is on the Government Affairs Committee, the Defense Appropriations Subcommittee, and is Majority Whip.

Being able to be on the staff of a Senator without having to come up through the political environment was fun, he says, adding that it was particularly interesting to see how legislation got passed.

His wife, Bonnie, and children (Stephen, 12; Brandie, 10; and Susan, 4) joined Sanders in Washington for the four-month period. On their way back to China Lake they not only went sightseeing, but were able to do a spot of fishing in Yellowstone Lake.

"I caught the biggest fish of my life there," Sanders, who is a dedicated trout fisherman, said, "and I had to throw him back because you could only keep those under 13 inches since the bigger fish clear the suckers out of the lake."

He'll be happily indulging in his other hobby next weekend because he lists that as "Cheering the 49ers to a Superbowl victory."

NWC/Ridgecrest to hold 'people vs. trash' campaign on Saturday

The "People Power vs. Trash" campaign entered high gear this week in anticipation of the massive cleanup under Project Community Pride scheduled to take place tomorrow.

By press time, more than 650 public spirited volunteers had signed up with Natalie Harrison (NWC ext. 3481), representing groups both from the Naval Weapons Center and from the City of Ridgecrest, which are combining in a concerted attack to rid the area of litter.

All volunteers will gather at Schoeffel Field on the Center from 9 to 9:30 a.m. to register. Navy buses driven by Seabees will then take these volunteers to their assigned areas, and will pick them up again between

noon and 12:30 p.m. to bring them back to Schoeffel Field for a free lunch of barbecued hot dogs and soft drinks before they disperse.

Volunteers are asked to wear long pants and sturdy shoes to protect legs and feet from bushes and brambles, and to bring gardening gloves to protect their hands.

Each volunteer will be given sacks for gathering the trash; these sacks will be collected by the Seabees and transported to the Kern County dump.

Ens. Ken Dorrell, Coordinator of Project Community Pride from the Center, and Roger Ward from the City of Ridgecrest welcome all volunteers to the war against litter.



HAPPY TO BE HERE — Dr. Edward K. Kutchna, who was selected as head of the Aircraft Weapons Integration Department last October, has completed a training program for senior Air Force executives at the Harvard Business School and has assumed his duties as department head at the Center. Dr. Kutchna comes to NWC from a position as Director of Data Automation at the Tactical Fighter Weapons Center, Nellis Air Force Base, Las Vegas, Nev. His wife, Barbara, and daughters Christy, 18, Julie, 16, and Sandy, 8, will join him later.

Two CAP members honored at annual Nevada Wing banquet

Two members of the China Lake Civil Air Patrol Squadron were honored recently at the annual Nevada Wing banquet late last month.

C.A.P. Col. RLee Peters, communications officer for the local unit, won the Paul E. Garber Award for completing level IV training — which included Air Force Squadron Officers School and Air Command and Staff College (by correspondence). The award was presented to him by Col. Glen Walders, national vice commander of the Civil Air Patrol.

The other local man honored was C.A.P. Capt. Phelps TerHuen, commander of the China Lake unit, who received the Exceptional Service Award for his successful development of a quick-response search and rescue support unit at China Lake.

The China Lake C.A.P. Squadron took part in one search during December when Leon Ammerman and George Turner flew to Elko, Nev., to look for a Los Angeles man who was missing on a flight.

Anyone who is interested in joining the China Lake Squadron can get more information about the C.A.P. and what membership entails by telephoning Rowland McNeil at NWC ext. 2237.



Banks selected coordinator for Handicapped Employment Program

Most of the severely disabled personnel on the Center — slightly less than one percent of the Center's workforce — were hired competitively through normal channels, says Dan Banks, who has just been appointed as half-time coordinator for the Handicapped Employment Program, rather than through affirmative action and active recruiting of the handicapped.

In fact, so well have the handicapped blended with the Center's workforce that many have only recently been identified through the Office of Personnel Management "self-identification" questionnaire. This questionnaire showed that 500 persons (about 13 percent of the workforce) are at least mildly disabled.

The position of collateral duty half-time coordinator for the Handicapped Employment Program signifies that the Center is entering a phase of affirmative action to actively recruit more of the nation's employable severely physically or mentally impaired persons — roughly six percent of the population.

Banks and his mentor in the Personnel Department, Don Summer, are still formulating the goals of the new office to determine what it makes sense to do, what priorities to establish, what affirmative action to take, and how to accomplish such action and meet such goals.

The work is not new to Banks since he was one of the first members of the Handicapped Employment Committee that had existed under the Equal Employment Opportunity Office at the Center.

While serving there, he says, he was

delighted to find that interest and commitment to the program did not exist just in the Office of the Commander, but throughout the Command structure to the branch level.

Banks will be available each morning in his office, Rm. 101A of the Personnel Building, NWC ext. 2069, to interface with applicants for work under the Center's recruiting program and to work with those who are already on board. He also will assist in identifying what work spaces might need to be modified to meet the safety needs of handicapped employees.

Such reasonable modifications, he adds, actually also make the buildings safer and more functional for other employees as well.

The third role of his office will be to develop awareness of Center personnel to the abilities and roles of the handicapped.

"We need to consider their abilities, not their disabilities," he says. "The disabled are people first. We need to see them as people, and we'll soon lose track of their disabilities."

Seeking qualified disabled people involves contacts with trade and technical schools and colleges — since the majority of NWC jobs require a technical background — and also close coordination with the California State Rehabilitation Department (for certification and assistance), as well as groups and organizations of disabled citizens.

Even though Banks spends half his time as an electronics mechanic in the Design and Fabrication Branch of the Fuze and

9 more photovoltaic systems to be installed by end of month

Currently 28 photovoltaic power systems are operating at remote locations on the Naval Weapons Center, nine more systems will be installed by the end of this month, and procurement procedures are being initiated by the Energy Program Office in the Public Works Department to procure an additional seven systems at a combined cost of \$1,700,000.

A photovoltaic power system takes sunlight and converts it directly to electricity. This electricity is stored in batteries for use at night or on cloudy days when there is insufficient sunlight to run the system directly.

Since the sun is the energy source for the systems, they do not need to be refueled and can be left unattended for up to a year, making their use at remote locations ideal. As a consequence, considerable money is saved on operating and maintenance costs.

The nine new systems being installed this

month are being manufactured and installed by the Hughes Aircraft Company.

The NWC Energy Program Office is responsible for photovoltaic utilization Navy-wide, and has overseen procurement of 32 photovoltaic systems at other Navy activities throughout the world.

Blue Cross/Blue Shield rep. to visit on Jan. 25

Subscribers to the federal employee health benefits program provided by Blue Cross/Blue Shield are reminded that a Blue Cross mobile unit will pay a visit to China Lake on Monday, Jan. 25.

The Blue Cross van will be set up in the parking lot behind the Personnel Building at the corner of Knox Road and Blandy Avenue from 10 a.m. to 3 p.m.

A field representative will be present to answer questions and provide assistance regarding the handling of claims.

Two programs offer help . . .

(Continued from Page 1)

therefore, all cases are handled on an individual basis."

The EAP is also preparing information for a major drug education program for both supervisors and other employees.

A variety of training programs is being examined to see what will best meet the needs of civilian personnel in recognizing the problem of drug abuse, its effects, and how to refer someone for help. The material will also deal with broader family issues — how to help a family member who has become involved with drugs or drug abuse. As soon as training material is available, briefings will be set up.

The Counseling and Assistance Center (NWC ext. 3609) is geared for active duty military, retired military, civilians and their dependents. Esther O'Neill-Harden and Chief Martin Carr are willing to talk to anyone seeking information.

CAAC forms an important part of Navy-wide alcohol and drug abuse awareness education. "Out task is to educate, screen, and refer people to the proper places, and also to help them whenever possible," says Mrs. O'Neill-Harden.

Those seeking help can either come in

themselves or talk to their supervisors. Anyone in the service who gets apprehended for possession or use of an illegal controlled substance is also sent to the CAAC for screening and followup.

"If you have a problem, let us know and we'll see what we can do," is the CAAC philosophy.

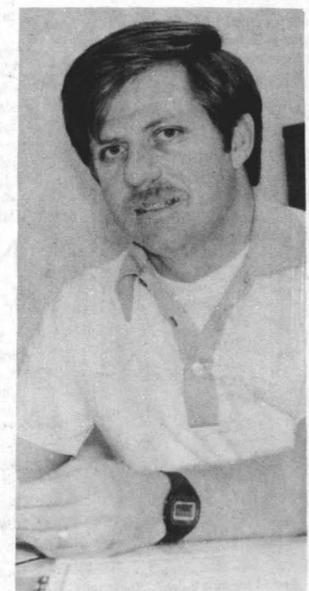
The search for help must be genuine, however, Mrs. O'Neill-Harden emphasizes. "If you are going through the program to get off drugs, it is considered imperative that you stay with the program all the way through."

She says that the main illegal drugs in use here are marijuana and cocaine, as well as amphetamines and barbiturates. Cocaine is a relatively recent addition to the local scene.

Mrs. O'Neill-Harden also notes that "some people still haven't gotten the word on how dangerous acid (LSD) and PCP can be and are still using them. Use of angel dust (PCP) has caused a number of drug tragedies in Southern California."

The CAAC will be open every Thursday night from 7:30 to 9:30 for anyone wanting drug information or seeking help. Everyone is invited to drop in to the office at 880 King Street.

Sensors Department, he will be continuing to put in more than a 40-hour week of dealing with handicapped persons when the combination of job time and his volunteer ac-



Dan Banks

tivities are considered. For instance, he chairs a state recreation committee for sports for the disabled, and is also one of 80 persons in the state who form the Community Access Network (CAN) to provide community facilities for disabled persons.

In addition, for several years he has been an associate member of the Governor's Committee for Employment of the Handicapped, a member of the board of governors of the California Association of the Physically Handicapped, and president of the Committee on the Handicapped of the Federal Executive Board in Los Angeles.

Banks first came to China Lake in 1969, when he was stationed here in the Navy. On separation from the service in 1972, he went back to his home town of Phoenix, Ariz., where he had some difficulty in obtaining employment because of a slight though not visible physical disability.

"This made me aware that somebody was getting a bad deal," he says, "and I became interested in the employment problems of handicapped persons."

After a couple of years of working for the post office in Phoenix, Banks and his wife, Catherine, whom he had met and married while at China Lake, decided that they preferred the small town life style here and moved back to this area when he accepted a job as an electronics mechanic helper in the branch where he is still employed.

Catherine, a registered nurse at the Ridgecrest Community Hospital, and their daughter Christine, 5, are both very supportive of his activities, both off the job and on, says Banks.

Physicist June Rooks sets good example for girls in high school

Nearly everyone sets an example for better or for worse for others younger than themselves, but only a few have the opportunity to be a beneficial role model for a large segment of young people with whom (most likely) they may never come in contact.

One of the exceptions to this is June Rooks, a physicist employed in the Tactical Software Branch of the NWC Aircraft Weapons Integration Department.

Information about Miss Rooks and her career in a field that is dominated by men will be included in a career booklet for junior and senior high school girls that is being prepared by the American Physical Society.

Why? Because this organization feels it is essential that young girls gain the assurance that career opportunities are indeed boundless for them, provided that they determine what their goals will be, and then set about achieving them by bearing down in their studies or the training necessary to accomplish what they set out to do.

While attending high school in her home



June Rooks

town of Vicksburg, Miss., physics was a challenge to her because it was one subject she really had to work at to grasp, Miss Rooks recalls.

She not only mastered this subject at the high school level, but went on to attend Jackson State University in Jackson, Miss., where she received a bachelor's degree in physics in 1973. This was followed by her completion of graduate work for a master's

Error in listing of rental rates shocks some, pleases rest

The gremlins that plague typists setting long columns of figures struck again.

NWC civilians who live in the Joshua-type Capehart will be shocked to find that their shelter rent will be \$360.00, and their utilities \$116.40, for a total of \$476.40 instead of the lower amount listed in last week's Rocketeer article on new housing unit rental rates.

However, those who live in the Yucca-type Capeharts will experience relief. Their cost for quarters will be \$347.40 for shelter rent and \$108.60 for utilities, for a total of \$456 instead of the higher amount listed.

The Housing Office and Rocketeer apologize for any inconvenience that this transposition of costs on the list may have caused.

Optician not available

The dispensing optician at the Navy Exchange personalized services store will not be available from Thursday, Jan. 21, through Saturday, Jan. 23.

He will resume regular hours thereafter.

degree in physics in 1978 at Southern Illinois University (SIU) in Carbondale.

At SIU, Miss Rooks worked part-time as a teaching assistant in general physics to help pay for her education.

She joined the work force at the Naval Weapons Center three years ago — being assigned initially to the Junior Professional Program for a year. During her JP tour, Miss Rooks spent a period of time with the Environmental Analysis Branch and the Sensors and Platforms Branch, both in the Weapons Department; and the Terrain Denial Weapons Branch and the Propulsion Analysis Branch, both in the Ordnance Systems Department.

Since coming to China Lake, Miss Rooks has purchased an automobile with special hand controls that she is able to operate, and greatly enjoys the added mobility and sense of freedom that this gives to her.

Last summer she started to learn how to swim — taking private lessons from Adrienne Swinford. After working hours, she also enjoys sewing and reading. Her taste in printed materials runs the gamut from Forbes and Business Week to books written by Taylor Caldwell, whom she likes because "she writes about struggles and I find this very encouraging."

About her particular career field, Miss Rooks states that it was a subject in which her interest increased the more she learned about it. "I'm really satisfied with the choice," she concluded.

Cost changes in FEHB program to show up on Jan. 29 paycheck

In a major reversal from prior policy, government workers were given no opportunity to change the type of health insurance plan to which they subscribed at the end of last year.

Major changes in both benefits and cost of the various plans did occur. While word has not yet been received from Washington



READY FOR TAKEOFF — James F. Goodrich, Undersecretary of the Navy, is about to get a bird's eye view of the Center in a Navy helicopter during the visit that he made to the local area Monday. He received a briefing on NWC projects and programs as well as getting an aerial tour of the range areas.

Suggestions for helping to fight flu/cold bug offered by doctor

If that cold or flu bug has descended, Lt. F. C. Robinson, a doctor at the NRMCC Branch Medical Clinic, has a few suggestions and some assurances to help victims.

He reminds people that the average cold or flu is caused by a virus, and that

penicillin or any other antibiotic won't help. In fact, bed rest, extra sleep, good nutrition, and lots of water will do more good than any other treatment for a plain cold because the body will cure itself.

Some symptoms do call for going to see a doctor. These include a cough if the cough is associated with fever over 101 degrees for more than 24 hours or if shaking chills are associated with the cough.

Shaking chills associated with fever are possible indications of pneumonia — and should head the patient in to see a doctor, as should chest pain that increases with deep breath.

Anyone who has a history of debilitating medical problems such as alcoholism, chronic disease, asthma, diabetes or a history of heavy cigarette smoking should also seek medical attention earlier than any normally healthy persons, Dr. Robinson notes.

Tender, enlarged lymph glands in the neck can also indicate the development of a secondary infection that calls for medical attention, and so due yellowish or whitish spots in the throat that can be seen by someone peering into the patient's throat with a flashlight.

The average person is apt to catch a cold or flu two to three times a year, and the illness usually lasts 7 to 10 days, although discomfort may last longer.

Meeting slated for potential volunteers

at Children's Center

The Recreational Services Children's Centers will hold an orientation meeting on Monday, Jan. 25, for all persons interested in volunteering to work with the children in the Centers. The meeting will be held in the Joshua Room of the Community Center at 9 a.m.

The volunteer program is an alternative to the cost of child care. Volunteers earn two hours of free child care for each hour they work. In addition, they get on-the-job training that is documented and can be used as an experience factor on future job applications either at the Children's Center or elsewhere.

Free child care is available for the two-hour orientation meeting. Those who need this may telephone NWC ext. 2653 for reservations for their children to be cared for at the Children's Center-Annex I.

Anyone seeking further information may telephone Polly Ferraro at NWC ext. 2735.

FEDERAL EMPLOYEES HEALTH BENEFITS PROGRAM 1982 BI-WEEKLY CONTRIBUTION

PLAN	OPTIONS	BI-WEEKLY RATE
BLUE CROSS/BLUE SHIELD	High Option - Self Only	\$19.74
	High Option - Self & Family	\$41.77
	Low Option - Self Only	\$ 3.82
	Low Option - Self & Family	\$10.53
AETNA	High Option - Self Only	\$12.42
	High Option - Self & Family	\$15.44
	Low Option - Self Only	\$ 4.74
	Low Option - Self & Family	\$11.38
AMERICAN FEDERATION OF GOVERNMENT EMPLOYEES (AFGE)	High Option - Self Only	\$11.57
	High Option - Self & Family	\$22.26
ALLIANCE HEALTH BENEFIT PLAN	High Option - Self Only	\$13.52
	High Option - Self & Family	\$26.20
AMERICAN POSTAL WORKERS UNION (APWU)	High Option - Self Only	\$12.17
	High Option - Self & Family	\$31.44
GOVERNMENT EMPLOYEES HOSPITAL ASSOCIATION (GEHA)	High Option - Self Only	\$ 7.34
	High Option - Self & Family	\$13.00
MAIL HANDLERS BENEFIT PLAN (MHBPP)	High Option - Self Only	\$ 5.09
	High Option - Self & Family	\$13.45
	Low Option - Self Only	\$ 4.16
	Low Option - Self & Family	\$10.93
NATIONAL ASSOCIATION OF GOVERNMENT EMPLOYEES (NAGE)	High Option - Self Only	\$11.87
	High Option - Self & Family	\$29.77
NATIONAL ASSOCIATION OF LETTER CARRIERS (NALC)	High Option - Self Only	\$11.70
	High Option - Self & Family	\$28.45
NATIONAL FEDERATION OF FEDERAL EMPLOYEES (NFFE)	High Option - Self Only	\$ 9.52
	High Option - Self & Family	\$21.88
NATIONAL TREASURY EMPLOYEES UNION (NTEU)	High Option - Self Only	\$ 9.83
	High Option - Self & Family	\$21.22
POSTMASTERS BENEFIT PLAN (PBP)	High Option - Self Only	\$25.42
	High Option - Self & Family	\$52.44
	Low Option - Self Only	\$ 2.37
	Low Option - Self & Family	\$ 5.74
KAISER SOUTHERN CALIFORNIA *	High Option - Self Only	\$ 9.84
	High Option - Self & Family	\$29.20

* This information is furnished for those NWC employees enrolled in the Kaiser Plan.