

APRIL FOOL'S DAY SALE-ABRATION!

# VANDY'S GONE MAD! DURING HIS MAD, MAD, GRAND OPENING!

March 31  
Thru  
April 2nd

You'd Be A  
FOOL  
To Miss It!

PRICES TOO LOW TO LIST

Some Dealers Have  
Wholesale Book Price.  
Some Have  
Retail Book Price.  
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A CAR!

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TO KICK OFF  
OUR

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& Saturday 4 pm - 8 pm  
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IT'S ALL STARTING  
**FRIDAY AT 9am**

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MADNESS  
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Car Washes All Day  
Saturday

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**VANDY'S**

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# NWC Rocketeer

Naval Weapons Center, China Lake, California 93555-6001

Vol. XLIV, No. 13/March 31, 1989

## Supercomputer to improve problem solving processes

Installation of NWC's new Cray Z-MP/116 EA was completed March 23, and as users began to 'log on,' the Center entered what has been called 'The Supercomputer Era.'

With this machine, new applications, advanced computing approaches and sophisticated analysis techniques are now available to NWC scientists and engineers on Center.

The new scientific computer can process information many times faster than any computer NWC has had before. In acceptance test this week, the NWC Cray was clocked at 137 MFLOPS (Million Floating Point Operations Per Second), making it over 800 times faster than a DEC Vax 780 running the same NWC workload-based benchmark.

The Cray opens new ways to better solve NWC problems. Major functional areas expected to derive significant benefit from the Cray include structural analysis, computational

fluid dynamics, aircraft simulation, six degree-of-freedom trajectories, and aerothermal analysis. For example, six degree-of-freedom problems will now run in minutes, instead of hours. Complex simulations that could only be done on a wing can now be expanded to the entire airplane. Computations sacrificing algorithmic accuracy for computational speed can now improve the quality of the answers.

Accounts are now available through Michele Polf, system manager, NWC ext. 3169. Initially there will be no charge to NWC users. After June 1, rates will be set at \$700/hour prime time and \$560/hour deferred queue. For almost all programs, these costs represent substantial savings over running on a DEC Vax or other NWC scientific computer. For example, a typical job requiring one hour of computational time (Continued on Page 8)



**HAPPY BIRTHDAY**—Jo-Jo the Clown (played by Joe Chesney) entertains the children at the NWC Children's Center during a birthday party for Anthony Celestine. The Children's Centers are gearing up for April, *The Month of the Young Child*. Lots of activities are being planned to recognize the nation's greatest resource, children. See article on Page 8. Photo by PHAA Cary Brady



**TEAMWORK WORKS**—NWC's helicopter team joined up with a member of the British Aerospace team to retrieve valued missile components from a narrow canyon on a Center range. From l to r, the team members are ADAN Sherrill Mitchell, Lt. Jim Krise, Ian Haynes (British Aerospace), and Lt. John Brookes. The team located the missile using a standard search pattern. Photo by PHAA Cary Brady.

## Search skills used by helicopter crew

Successful recovery of missile components belonging to British Aerospace (BAe) was accomplished recently by the helicopter team of Lt. John Brookes, Lt. Jim Krise and ADAN Sherrill Mitchell and a BAe recovery team.

"We were told to look for a yellow missile somewhere on one of the northern ranges," said Brookes. "We were given vectors to an approximate location.

Using the vectors, the team used a standard search pattern and found the missile within 20 minutes.

"Once we found it, the hard work began," recounted Brookes. "When I located it, it was in the bottom of a deep ravine with steep sides. It was also a very windy day."

The American/British team arrived at a situational solution, though. The

TH1-L copter landed near the top of the canyon and Ian Haynes, a BAe engineer, climbed to the bottom near the valuable missile. The copter then found a practical place to land and flew Haynes and the missile components back to the Center.

"We were able to recover valuable missile components," said Squadron Leader Roger Wilson, Royal Air Force. "This is a difficult rescue operation and not always successful. We are grateful to the NWC team for their professionalism in a difficult and potentially dangerous situation."

By saving these components, BAe can analyze them.

The NWC helicopter team provides a needed search and rescue (SAR) function, supports range operations and provides range tours for

(Continued on Page 11)

### Inside the Rocketeer

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# NWC's Wellness Corner

This month, those of you who participated in the blood assessments will be receiving your results. A number of individuals have asked for a more in-depth interpretation of the blood chemistry. Therefore, in the next few *Rocketeer* articles, I will try to address these concerns.

**Blood glucose**, commonly referred to as blood sugar, is the major source of energy for the body. The source of this sugar is the foods we eat, including proteins, fats and carbohydrates. Along with providing fuel for your muscles, glucose is vital for the functioning of the nervous system. Our bodies are equipped with a number of elaborate mechanisms to keep our blood sugar levels constant. A fasting blood sugar level should be between 65-115 mg/dl. If you ate breakfast or drank coffee or tea before your blood was taken, your blood sugar level will not reflect a true fasting level and this data is meaningless. Chemicals such as caffeine and theobromine contained in coffee and tea, respectively, interact through the adrenal glands to

raise one's blood sugar.

If you did fast and your value was <60 mg/dl, it is recommended that you consult your physician and request a 5-hour blood glucose testing procedure. There are many reasons why your blood sugar may be low and it would be wise to determine your particular physiological reason. Simple low blood sugar (*hypoglycemia*) can be treated with a diet modification which includes limiting the amounts of refined or simple sugars and complex carbohydrates you eat as well as eating adequate protein at regular intervals.

It is recommended that individuals, who did indeed fast, and had blood glucose values >115 mg/dl, be evaluated further by their physicians using a 3-hour glucose tolerance test. There are also several reasons why one may display high blood sugar (*hyperglycemia*), one of which is diabetes mellitus.

Pam Harris  
Wellness Program



VISITOR FROM SAN DIEGO—Rear Admiral Joseph C. Strasser, commander, Cruiser Destroyer Group 3, receives a briefing from Jim McCalester, head, Side-winder Technical Office, Intercept Weapons Department, during a recent Center visit. Assisted by the NWC Protocol Office, visiting VIPs are given informative tours and overviews of Center programs. Photo by PHAA Cary Brady.

## Schedule wellness assessments now

Wellness Assessments are available, free of charge this year, to all currently employed NWC employees, as well as active duty military and attached activities personnel.

The physical fitness assessment includes height, weight, body composition, blood pressure, pulmonary function, aerobic capacity, grip strength, abdominal endurance, spine and hamstring flexibility.

Results will be electronically scanned and participants will immediately receive an 11-page status report, which will also include blood and lifestyle inventory results. At this time, participants will also receive a LIFE Guide which will outline

recommendations to improve the wellness aspects of their lifestyles. Individual fitness assessments take approximately 45 to 60 minutes.

Briefings are not mandatory. They are only for those individuals who did not attend one last year and wish to know specifically what the blood and fitness assessments will evaluate. Appointments are not necessary. Just pick one out and show up.

Times are filling up fast for the blood and fitness assessments. Do your body a favor and sign up today. To schedule an appointment via the VAX, go to any computer or terminal that will connect to the SEF VAX (SEFF, SEFB, SEFC). An account

number is not needed. When "user name" appears on the screen, type in WELLNESS. Options will appear for scheduling or deleting appointments for the physical fitness assessments.

If accessing the SEF VAX terminal is not possible, call NWC ext. 3162. Employees at EWTEs should call Tammi Johnson, NWC ext. 3571/314, to schedule their blood draws and fitness assessments.

Employees east of the CLPL gate should schedule their appointments through Judy Schoepflin, NWC ext. 7586 or 7322.

Listed below is the schedule for the Second Annual Physical Fitness Assessment.

**NWC Rocketeer**

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## April 30 is deadline for refund of O'Club dues

With the closure of the Officers' Club on April 1, O'Club members are entitled to a prorated refund of dues paid. Members will have until April 30 to request a prorated refund.

Members wishing the refund need to visit the Morale, Welfare and Recreation (MWR) Division Office to complete the refund voucher from 8 a.m. to 4 p.m., Monday through Friday. The office, Building 21, is located just east of the Center's gymnasium in Bennington Plaza. Members may elect to have the refund mailed to their home address or may pick up the refund a few days later at the MWR office.

"We are pleased to say that several O'Club members have already told us to keep their refund to help support the Barefoot Bar operations," said Bob Peoples, acting manager, Officers' Club. "We are very appreciative for this gesture of generosity and assistance."

# UP TO \$1,500 BACK

On Selected '89 Subaru Models

\$5,040.50 OFF

\$4,040.50 Grubl Discount \$1,000 Manufacturer Rebate (#004905)

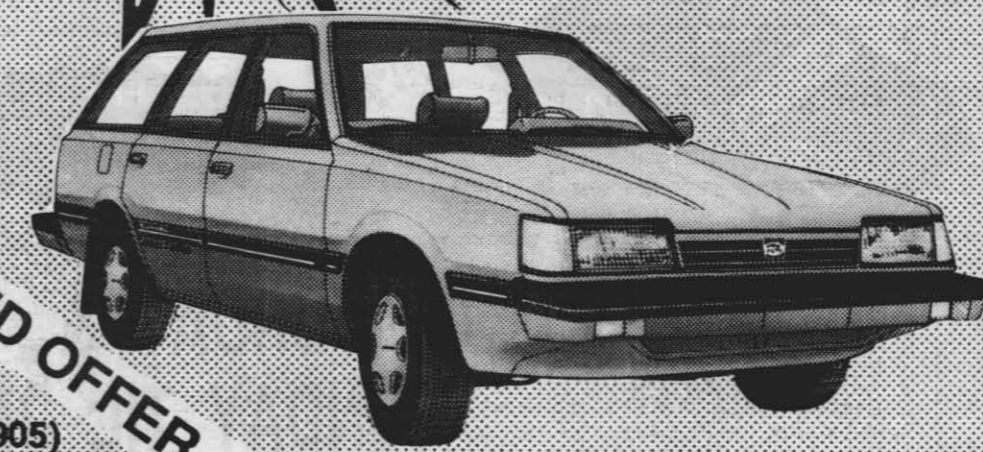
\$500 Manufacturer's Rebate On the '89 Justy & Hatchback

\$1,000 Manufacturer's Rebate On All Wagons and Sedans (GL Turbos Excluded)

\$1,500 Manufacturer's Rebate On All Subaru XT's

Or... 4.9% financing on 24 months

## GL 10 Turbo Wagon



LIMITED OFFER (#004905)

Manufacturer List	.....\$17,498.00
Desert Protection.Pkg	.....361.00
Tinted Windows	.....235.00
Custom Pinstripes	.....109.00
Roof Rack	.....230.50
Retail Price	.....\$18,433.50
GRUBL Discount	.....4,040.50
Manufacturer's Rebate	1,000.00
Total Sale Package	...\$13,393.00

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### Dates and locations for blood draws

Mar. 31	Main Site — Branch Medical Clinic
Apr. 4	Main Site — Branch Medical Clinic
	CLPL (Salt Wells Aid Station)
Apr. 5	Main Site — Branch Medical Clinic
Apr. 6	Main Site — Branch Medical Clinic
Apr. 7	Main Site — Branch Medical Clinic
Apr. 11	Engineering Lab (Conference Rm.)
Apr. 12	Engineering Lab (Conference Rm.)
Apr. 13	Lauritsen Lab (Conference Rm.)
Apr. 14	Mich Lab (Conference Rm "d")
Apr. 18	Mich Lab (Conference Rm "d")
Apr. 19	Mich Lab (Conference Rm "d")
Apr. 20	Mich Lab (Conference Rm "d")
Apr. 21	Mich Lab (Conference Rm "d")

### Schedule for Second Annual Physical Fitness Assessment

April 10	Conference Room
April 11	Hangar 3 (Pilot's Lounge)
April 12	Hangar 3 (Pilot's Lounge)
April 13	Data Reduction Facility
April 14	Conference Room
April 17	A/C Shop Lunch Room
April 18	Building 115
April 19	Fire Station
April 20	Officers' Mess
April 21	Officers' Mess
April 24	Room 1000J
April 25	Room 1000J
April 26	Room 1000J
April 27	Room 1000J
April 28	Room 1000J
May 1	Room 1000J
May 2	Room 1000J
May 8-12	Branch Medical Clinic

### Dates, times and locations for Briefings

Mar. 31	1 p.m. Lauritsen Lab (Conference Rm. 2)
	2:30 p.m. Michelson Lab (Rm. 1000D)
Apr. 3	1 p.m. Lauritsen Lab (Conference Rm. 2)
Apr. 4	1 p.m. Michelson Lab (Rm. 1000D)
Apr. 5	1 p.m. Michelson Lab (Rm. 1000D)
Apr. 6	1 p.m. Michelson Lab (Rm. 1000D)
Apr. 11	1 p.m. Michelson Lab (Rm. 1000D)
Apr. 12	1 p.m. Michelson Lab (Rm. 1000D)





# CLASSIFIEDS

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**\$72,700-\$93,900**

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**Special Financing**

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 375-3880

**Better Homes and Gardens**

SOLD	SOLD	SOLD	SOLD	SOLD
SOLD	SOLD	SOLD	29	SOLD
SOLD	SOLD	SOLD	28	33
SOLD	7	SOLD	Sold	34
SOLD	SOLD	SOLD	26	35
SOLD	SOLD	SOLD	25	36
SOLD	4	SOLD	24	37
SOLD	3	SOLD	23	38
SOLD	Sold	SOLD	22	39
SOLD	1	SOLD	21	40

S. GORDON  
 WEST RADER

**381 Condos for Sale**

"A CHARMER" Deeter condo, one story, 2 bedroom, 1 1/2 bath, fireplace, patio, garage & pool, \$66,500. 446-6228.  
 DEETER CONDO, 1 story, 2 bedroom, 1 1/2 bath, F/P, enclosed patio, double car garage, pool, \$63,500. 446-6228.

**385 Mobile Homes For Sale**

1976 Fleetwood 12x62 mobile home. Three bedroom, 1 1/2 baths, carpets, drapes, refrigerator, stove, air conditioner, and a foamed roof. Asking \$12,000. (805) 949-1479.  
 ONLY 7 YEARS left on assumable loan on nice 24x48 mobile in park, 2BR,2BA, fireplace, no reasonable offer refused. 375-4293.

**389 Business Prop. for Sale**

212 S. GOLD CANYON - Duplex in like new condition. Each 2BR, 1BA unit includes a large yard, patio, fireplace, 2 car garages, mini-blinds, washer/dryer hook-ups. Assumable adjustable loan. \$89,900. \*Help-U-Sell RE. 371-1005\*  
 212 S. RICHMOND RD - 6000 sq. ft. of office space, zoned general commercial, \$395,000. Owner financing available. \*Help-U-Sell RE. 371-1005\*

712 N. FLORENCE - Triplex in quiet residential area. Excellent condition. 2 & 3 BR units, one with fireplace. Good rental history. Assumable adjustable rate loan. \$149,000. \*Help-U-Sell RE. 371-1005\*

714-730 N. SANDERS - well established 31 unit apartment complex. Fully rented with excellent rental history, located in quiet residential area. \$975,000. \*Help-U-Sell RE. 371-1005\*

716 N. FLORENCE - Triplex in excellent condition. Newer building, 2 & 3 BR units, 3BR includes fireplace. Very good rental history, located in residential area on cul-de-sac. Assumable 10% loan. \$151,500. \*Help-U-Sell RE. 371-1005\*

833-835 N. SANDERS - Great downtown location for a 4-plex. 2BR units and carports. Good monthly income. \$152,500. \*Help-U-Sell RE. 371-1005\*

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FULL SERVICE SALON

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**Have You Been Denied Credit By Other Car Dealers**

- Because:
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  - Slow Pay
  - Collection Accounts
  - Repossessions
  - Bankrupt

**I MAY BE ABLE TO HELP YOU. call STEVE CULLINAN only!**  
 "THE CREDIT SPECIALIST"  
 at Vandy's - 375-1331

**425 Apartment for Rent-Furn.**

AVAILABLE APRIL 1st, completely furnished spacious 2 bedroom duplex home in quiet location. Dishwasher, refrigerator and upgraded stove. Landlord pays water, trash pick up and basic cable, only \$525/mo., unfurnished, \$425/mo. No pets. 446-4810.

**429 Apartment for Rent-Unfurn.**

FOR RENT: 2 bedroom apartment for \$390 a month, 1st and last required, security, \$200. Call Larry at 375-9109.

NEAR BACK GATE. Quiet location, freshly painted. Two bedroom duplex home. Dishwasher, stove, laundry hook-ups, drapes, water & trash paid. No pets. Garage. \$425/mo. 446-4810.

**441 House for Rent Unfurnished**

3 BEDROOM, 2 bath, spacious rooms, fireplace, decorated, mini-blinds, laundry hook-ups, auto sprinklers, nice neighborhood, double car garage, dual cooling, near Las Flores & Norma. Available April 1st, \$650 plus security. Call 377-5244 after 4:30 p.m. 375-1963 7 a.m. & 4:30 p.m.

IMPRESSIVE double door entry leads you into a vast silver-carpeted living room with fireplace and dining area. This comfortable 3 bedroom home with 2 baths is located in a nice, quiet area and features many extras including double car garage for only \$625/mo. 446-4810.

OVER 1600 sq. ft. of comfortable living in this large country home in the city on large green estate. Two bedrooms, family room, huge living room w/infinite rock fireplace, carpets & drapes, 2 baths, \$525/mo. 446-4810.

**445 Room for Rent**

EL RANCHITO MOTEL is a refreshingly different place, close to base, offering clean and quiet, attractively furnished units with color T.V., refrigerator and maid service \$120 per week for one person, 2 people per week \$150. 446-6209.

**457 Condos for Rent**

MAMMOTH CONDO rental. Summit #275, sleeps 6. Walk to lifts, super location. Midweek specials 1-(800) 227-7669.

**469 Motorcycles**

HONDA GL650 Silverwing, 1983. Windjammer fairing, rack factory trunk, \$1075. 375-7343

HONDA motorcycle XL350R, like new, \$1,200. Call Jon at 446-4700 or 371-2420.

MOTORCYCLE Re-upholstered, same day service. Reber Upholstery. 375-6446.

NINJA 1988, 600R, red & grey. Many extras. \$3,000. 446-2585

SUZUKI CAVALADE LX 1986, has everything. Excellent condition. \$5000 firm. 446-7196

YZ 125 1988, \$1750. 1985 KX 125, \$350. 1985 TRX 4 Wheeler \$600. 446-7563

**473 Motorhomes & Campers**

\*For the LARGEST selection of AFFORDABLE used cars, trucks, vans and motor homes, call Jim or Bev at VANDY'S!! 371-1331.

USED CAMPER SHELLS 375-4405, Ask for Max

**485 Autos for Sale**

280 ZX 1981 T-top, blue book \$4000, \$5500 extras. A/C, cruise, louvers, bra, seat covers. \$4500. 375-5934

CHEVROLET 1984 Cavalier, new tires, excellent condition, am/fm cassette radio, \$3,200. 375-3611.

CHEVY 1949 1/2 pick-up, rebuilt 235. New electrical wire harness. 85% resuraction complete, \$2500. 1951 Chevy 2 door special deluxe completely restored. Driven daily \$4800 or best offer. 446-7040

FORD 1973 Pinto, good condition, high performance engine. Too much to list, only 500 miles on engine, \$700 or best offer. 446-2696.

FORD, 1976 F150 Pick Up. \$2300 or best offer. 377-5015 after 5:00 p.m.

FORD 1978 Granada, power steering, power brakes, stereo am/fm cassette, new tires, rebuilt 289. Body excellent condition, engine good condition, \$900 or best offer. 446-2353.

\*For the LARGEST selection of AFFORDABLE used cars, trucks, vans and motor homes, call Jim or Bev at VANDY'S!! 371-1331.

\*LARGEST selection of AFFORDABLE used cars, trucks, vans and motor homes, call Jim or Bev at VANDY'S!! 371-1331.

HONDA ACCORD LX 1985. Loaded, excellent condition. \$8000. 375-8992

PONTIAC 1986 T-1000, 4 door, hatchback, automatic transmission, power steering, air conditioning, roof rack, low miles, top condition (similar to a Chevette), \$3,900. 446-2407.

**489 Trucks and Vans**

\*For the LARGEST selection of AFFORDABLE used cars, trucks, vans and motor homes, call Jim or Bev at VANDY'S!! 371-1331.

**493 Four Wheel Drive**

\*For the LARGEST selection of AFFORDABLE used cars, trucks, vans and motor homes, call Jim or Bev at VANDY'S!! 371-1331.

**497 Auto Repair**

CUSTOM Auto Upholstery, satisfaction guaranteed. Reber Upholstery. 375-6446.

**501 Parts & Accessories**

USED CAMPER SHELLS 375-4405, Ask for Max



**CONGRATULATIONS!**—HM1 Murray J. Graveline receives his second Navy Achievement Medal from Capt. C.W. Cote', commanding officer at Long Beach Naval Hospital. He earned his medal for outstanding performance as head, Medical Records Section at the Branch Clinic. Lcdr. Richard Titi, officer-in-charge, Branch Clinic, assists Capt. Cote'. Photo by PHAA Cary Brady.



**The Skipper Sez...**

**COMMENT**

Captain, I just wanted to ask you if there was some way that someone could let the chaplain know how much his article, Chapel Call, is appreciated. I read it every week and enjoy it very much.

Editor's Note: The Skipper Sez line has received several calls recently to express appreciation for the Chapel Call column. All calls have been duly forwarded to the Chaplain's Office.

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. John Burt. 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.



**WELL-DESERVED SMILE!**—HM2 Mark Mahone receives a Navy Achievement Medal from Capt. C.W. Cote', commanding officer at Long Beach Naval Hospital and Lcdr. Richard Titi, officer-in-charge, Branch Clinic. Mahone is the petty officer in charge of the X-ray section at the Branch Clinic. Photo by PHAA Cary Brady.

## IWV ARC contributes to community in many ways

By Peggy Shoaf

Founded in 1961, Indian Wells Valley Association for Retarded Citizens (IWVARC) has grown from a parent operated preschool program to a corporation governed by a 10 member board of directors. It operates several programs with over 40 full-time and part-time staff.

IWVARC's mission is to assist individuals with developmental disabilities to achieve their maximum potential by providing quality services, programs, advocacy and education to clients, family and the community.

"We are also a referral source," said Therese M. Hall, executive director, IWVARC. "People new to the area who have disabled children or are disabled themselves often don't know where to look for doctors, schools, or emotional support. We can either help them or refer them to the people or agencies that will best help them."

The programs offered by IWVARC are:

The Infant Development Program provides early intervention and stimulation to infants, from birth to three years, who have or are at risk of developing developmental delays. Parents participate in this program and are an integral part of their child's progress. The parents and IWVARC staff develop a program plan setting goals for the child after he or she is evaluated. Activities are structured to develop fine and gross motor skills. Services are provided for the children in their homes

through the age of two. A pre-school group socialization program is available for children over two.

"The Recreation and Socialization Program," noted Hall, "is the one program funded by the United Way of Indian Wells Valley and is supported through the Combined Federal Campaign." This program provides activities that contribute to the development of self-esteem and confidence through recreation and leisure time programs. These programs are Special Olympics, ARC California bowling, camping trips, field trips, parties and dances, Social Club, participation in community events and arts.

The Work Activity Center/High Desert Production Ltd. (HDP) provides multi-level programs to meet individual needs in vocational training. These include assessment, work evaluation, work experience, job placement and on-the-job training at various sites throughout the Indian Wells Valley.

Work services offered include: National Industries for Severely Handicapped (NISH) contracts with NWC, landscape subcontracts with NWC and United Services Corporation; residential and commercial yard maintenance; commercial janitorial; subcontract car wash; commercial steam cleaning and paper shredding.

IWVARC did the landscaping in front of the Administration Building this past summer. According to Richard Senn, work services director, IWVARC is also on the NWC

Housing approved list for people needing janitorial services prior to checking out of base housing.

Desert Area Independent Living offers a wide variety of training to acquire skills for self-sufficiency to live in the community independently. Residents learn to budget, shop, prepare meals, use public transportation and interact with peers and the community.

Two other IWVARC programs are the Transportation Program and the Discovery Thrift Shop Program. The Transportation Program provides rides to and from services provided by IWVARC.

The Discovery Thrift Shop Program is a component of High Desert Productions, Ltd. The shop employs and trains about 24 persons in processing, sorting, pricing and stocking a wide variety of merchandise. According to Hall and Senn, IWVARC work groups are reliable and previous employers often ask them back.

"We offer a wide variety of services because we are a parent-type organization," said Hall. "Not only do we work with infants with disabilities, but we work with their parents. We want disabled individuals and their parents to learn how to fight for their own rights. They need to learn the system so they can help change it, when necessary, so their rights aren't abused."

For more information on the association and its services, call 375-9787.

## CMAC banquet honors military

This year's Military Person of the Year Awards Banquet, sponsored by the High Desert Civilian/Military Affairs Council (CMAC), is set for April 22.

CMAC has honored military personnel for the past eight years to recognize the military's contributions to the high desert area. NWC's nominee, AG3 Kimberly Ellis, will vie for the title with nominees from Edwards AFB, Ft. Irwin, George AFB, and Marine Corps Logistic Base.

Guest speaker of the evening is Lt. Gen. Steven Olmstead, USMC, Deputy Assistant to the Secretary of Defense on Drug Policies and Enforcement. The City of Palmdale's first mayor, Mr. Larry Chimbole, will emcee.

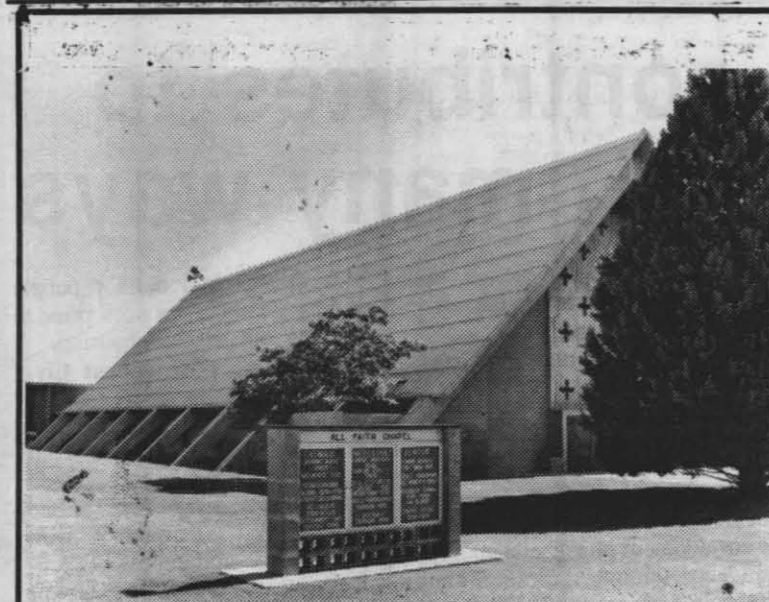
Held at the Essex House in Lancaster, the evening will begin at 6:30 p.m. with a no-host cocktail hour. Dinner will be served at 7:30 with presentations immediately following.

Cost of the dinner is \$25 a person. To make reservations, contact the Public Affairs Office at NWC ext. 3511.



**GETTING CLEAN!**—This NWC police car is getting washed by members of the High Desert Production Ltd. (HDP). HDP is just one of the programs of the Indian Wells Valley Association for Retarded Citizens. HDP has a contract with NWC to wash cars belonging to NWC. Members of the (from left to right in front of the car) Frank Riske, Rod Cochran and David Phillips. Kasey Reish is washing the other side of the car. Members not shown are Larry Ritchie, Corrine Hoxea and Fred Foster, supervisor. Photo by PHAA Cary Brady.





### Divine Services

Protestant	
Sunday Worship Service, Main Chapel	10:30 a.m.
Sunday School, Annexes 1,2 & 4	9:00 a.m.
Bible Study (East Wing), Wednesday (September thru June)	11:30 a.m.
Men's Prayer Breakfast, East Wing, Thursday	6:15 a.m.
Officers' Christian Fellowship/Christian Military Fellowship, Annex 4, Thursday	7:00 p.m.
Islamic	
Jumaa Prayer (Friday in Annex 4)	12:00 p.m.
Roman Catholic	
Sunday Mass, Main Chapel	9:00 a.m.
Daily Mass, Small Chapel	11:35 a.m.
Confession (Sunday), Command Chaplain's Office	8:15-8:45 a.m.
Confession By Appointment	Anytime
Religious Education Classes (Sunday) (September thru May), Annexes 1, 2 & 4	10:30 a.m.
Jewish	
Weekly Services (Friday - East Wing)	7:30 p.m.
Adult Hebrew Lessons (Saturday in Annex 4)	9:00-10:00 a.m.
Sabbath School (Saturday in Annex 4)	1:00-4:00 p.m.

Chaplain S. A. Casimano, LCDR, CHC, USN  
 Chaplain Claude R. Boede, LT, CHC, USNR  
 Chaplain G. E. Williams, LT, CHC, USNR  
 Student Rabbi Lisa L. Goldstein  
 Hearing Impaired Equipment, Nursery Available  
 Phone NWC ext. 3506, 2773, 2873



## Chapel

### "All by myself alone?" Part 3

In my last two articles for this column, I wrote that I frequently hear this statement: "I don't have to go to church in order to worship God. I can worship Him alone at home." I want us to give still more consideration to this statement. Implicit in this statement is the belief that we can do the work of God in the world by ourselves as individuals.

It is the community of worship which can impact the world for good. It can effectively work for mercy, righteousness and justice. An individual working without the support of a community of worship can and perhaps will be dismissed. A community of worship marshalled for action can be criticized but not dismissed without consequences.

In the Christian community, in which I serve as a minister, we believe God established the church in Jesus Christ to be active in the world. "For we are God's workmanship, created in Christ Jesus to do good works, which God prepared in advance for us to do." (Ephesians 2:10, NIV). God calls us as a community to give a cup of cold water to the thirsty. He calls us as a community to feed the hungry, to clothe the naked and to provide shelter for the homeless.

Am I asserting that an individual cannot do these acts by him or herself? By no means. I am only stating

that an individual cannot be very effective working alone at these noble causes. I am merely contending that a person is more effective working in a community of worship with others committed to God's will. An individual working on a lone crusade eventually gives in to discouragement and becomes cynical.

The community of worship stands a better chance of resisting discouragement and maintaining hope. The individuals who are a part of the community have a protective wall against discouragement and cynicism. Their strength comes from God Himself and one another.

History documents that communities of worship and/or organizations which they launched brought about significant social change. In Great Britain, churches and para-church organizations stood for justice for the poor during the Industrial Revolution. They also were a force for ending the African slave trade in that country. In America, Christians united together in churches, para-church organizations and with other people of good will worked to eliminate the enslavement of African-Americans.

The Bible teaches: "Act justly and...love mercy and...walk humbly with your God." (Micah 6:8; NIV). All by myself alone? As for me, I acknowledge I cannot do God's work alone.

By Lt. G. E. Williams, CHC, USNR  
 Airfield Chaplain



### E.M. club now has breakfast!

Too busy for breakfast at home? Hunger pangs at mid-morning? Then check out the new breakfast buffet at the Enlisted Mess. Located on Blandly Ave., it's a convenient stop on the way to work.

Beginning April 4, the mess will serve breakfast Tuesday through Friday from 6 to 10 a.m. A full selection of pancakes, french toast, omelets and eggs to order, sausage and bacon, even steak will be offered. Or choose cold cereal, a muffin, or hot cereal (alternating between grits, cream of wheat and oatmeal). Juices, milk, coffee and teas will be available.

Prices for full breakfasts will range from \$2.50 to \$6.00 with a la carte items also being offered.

The mess has a new donut machine.....stop by and see how fresh they are. Anyone working at or visiting NWC may dine at the club.



### Spring into lawn care

Housing says...Grass seed and fertilizer will be available at the Self-Help store tomorrow, Saturday, from 10 a.m. until 2 p.m. A one-pound box of grass seed will be issued for reseeding base housing lawns. For additional grass seed, please contact Lorena or Ann at NWC ext. 3411, ext. 326 or 329.

Now that warm weather is here, water lawns and grounds only in the evening or in the early morning. Evening watering is recommended for least evaporation. Lawns that are watered for hours result in heavy runoff and little benefit. Grounds should be completely saturated in 20 to 30 minutes. Another watering tip is to water slowly and don't water during high winds. The Housing staff and Command thank you for doing your part for water conservation.



ACCEPTING ON BEHALF—Airman Kelly Kingsley, Air Test and Evaluation Squadron Five, accepts the FOD (Foreign Object Damage) Award from Capt. Rex Rackiewicz, COMLATWINGPAC, headquartered in Lemoore. Kingsley, a member of VX-5's line division, accepted the award on behalf of the whole squadron on Wednesday. Capt. Rackiewicz credited all hands for contributing to earning this award. "Your diligence in preventing FOD damage to our aircraft keeps our planes flying and our people safe," he said. VX-5 also earned the LATWINGPAC FOD award for 1987.



GREATLY APPRECIATED—Jim Bowen; head, Morale, Welfare, and Recreation Division; gladly accepts a donation from Employee Services Board (ESB) member, Eric Kajiwara. Profits represented by the check are gained from such ESB-sponsored activities as the recycling center, catering trucks and barber shop. Photo by PHAA Cary Brady

### 353 Miscellaneous For Sale

KING SIZE waterbed with bookcase headboard, padded rails, heater and liner, \$150. Lv. message 375-1176.

NEW POLYESTER YARDAGE. Various prints. Shirts, drapes & women's denim jeans, large sizes. 375-9528

OLDER PICK UP bed trailer, 4 ft. x 6 ft. box, \$150. 375-9470.

SCIENCE DIET Canine & Feline maintenance pet food are now available at Brown Road Hay & Grain. 377-4316

SKATEBOARD ramp, 10' x 16' x 36' Sports Oasis demo ramp, used 1 day! Make Offer. 371-2420.

SOFA \$30; Coffee/end tables, \$20/ea.; bookcases, \$5. 377-5684.

SOFA, \$95; wash stand/cabinet, \$45. Call 446-4712 leave message.

TIME TO WORM your horses. Zimmetrin \$9.99 at Brown Road Hay & Grain 377-4316.

USED CAMPER SHELLS 375-4405, Ask for Max

### 357 Pets

AKC male Sheltie, three years old, \$150 or best offer. Call to see 446-5968.

BEAUTIFUL 6 yr. old purebred Arabian gelding "no papers", experienced rider, \$500 or best offer. 375-9694 after 5 p.m.

BRITANNY spaniels, AKC, three puppies left. Parents were excellent hunters. 375-9580.

PEMBROKE Welsh Corgi pups - small, sturdy, great with kids. 873-7653 or 872-1677 after 5:15 p.m.

### 361 Wanted to Buy

BOLT-ON TOW hitch for hauling a small car. Leave message, 375-1176.

### 373 Lots and Acreage

E. RIDGECREST BLVD & Lumill Street - 3 parcels for sale. All offer owner financing. Terms. Some utilities in. Parcel 1 - 4.376 acres, zoned CS, corner lot, \$155,000. Parcel 2 - 4.736 acres, zoned CA, \$145,000. Parcel 3 - 6.5 acres, zoned RM3, \$125,000. \*Help-U-Sell RE. 371-1005\*

HAZEN STREET - 5 acres north of Inyokern, water close, close to paved road. \$10,000. \*Help-U-Sell RE. 371-1005\*

LUMILL STREET - 4 lots for sale, utilities in, ready to build. All zoned for multiple family residential. All offers owner financing, easy terms. Lot 1 - sq. ft. - 8,064, price \$13,950. Lot 2 - sq. ft. - 12,726, price \$17,950. Lot 3 - sq. ft. - 9,510, price \$11,950. Lot 4 - 5.59 acres, price \$125,000. \*Help-U-Sell RE. 371-1005\*

MERCURY STREET - Two 2.5 acre parcels in Inyokern, 1/4 interest in well, electricity in, phone service near. \$15,500 each. \*Help-U-Sell RE. 371-1005\*

RICHMOND ROAD at Church Street (North side) - 4 parcels for sale. All utilities in, terms and owner financing available on all parcels. Parcels 1, 2 & 3 - each of these parcels is 17,250 sq. ft., each is priced at \$35,000. Parcel 4 - 17,250 corner lot, \$45,000. \*Help-U-Sell RE. 371-1005\*

RICHMOND ROAD at Church Street/southside - 4 parcels for sale. Utilities in, owner financing available on all. Zoned for general commercial. Directly outside back gate of NWC China Lake. Parcel 1 - 84,480 sq. ft., corner lot, \$120,000. Parcel 2 - 102,225 sq. ft., \$120,000. Parcel 3 - 89,317 sq. ft., \$111,500. Parcel 4 - 170,359 sq. ft., \$205,000. \*Help-U-Sell RE. 371-1005\*

S. CHINA LAKE BLVD at Parkview - 2 lots, frontage on busy main street, prime commercial land. 2 lots, total sq. ft., 29,250. All utilities, zoned general commercial. \$270,000. \*Help-U-Sell RE. 371-1005\*

S. CHINA LAKE BLVD. - 4 acres of prime commercial acreage, zoned general commercial, all utilities in. Located adjacent to the new Naval Weapons Center Credit Union now under construction. \$650,000. \*Help-U-Sell RE. 371-1005\*

SYDNOR AT LEROY - Two 1 acre parcels, water close, each parcel is priced at \$4,500. \*Help-U-Sell RE. 371-1005\*

WEST OF INYOKERN - 4 parcels for sale, each is 2.5 acres. Zoned for mobiles or home. All utilities to each parcel. Very nice view. \$17,500/parcel. \*Help-U-Sell RE. 371-1005\*

### 377 Homes for Sale

GREEN ACRES Townhome Triol Beautiful condition, one 2 BR, two 3 BR, dbl. garages w/openers, built-in appliances, full association privileges. Move in on credit approval!! Priced from \$59,750. \*Help-U-Sell RE. 371-1005\*

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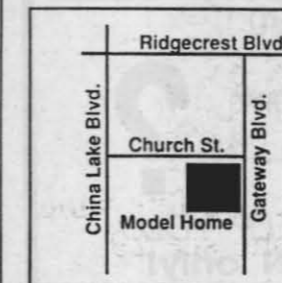
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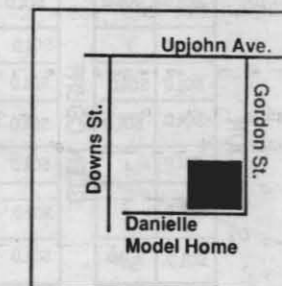


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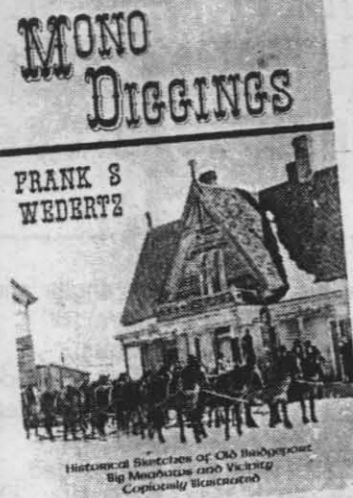
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The book is profusely illustrated with historic photos plus pen and ink sketches by Lee Symonds, and packed with details that will interest the casual reader as well as the historian.

Only an author from a pioneer Mono County family could have gathered such a wealth of photos and information. Frank Wedertz was born in 1939, graduated from San Francisco State in 1963, summered in Bridgeport, and taught English at Arvin High School.

Available at Chalfant Press and local bookstores for \$12.95 or use coupon below. 245 pages; 5 1/2" x 8 1/2"; paperback, \$16.04 including tax and postage.

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### 353 Miscellaneous For Sale

1980 SUZUKI GS750L (needs stator), 13,000 original miles, \$500, or best offer; Nolan helmet, \$45, \$25 w/motorcycle; second chance vest, \$45; twin bed, \$30 (mattress & box spring); new swag lamp, \$25; brass lamp, \$10; 150 records \$1-\$2.50 each; Goodyear tire, P225/70R15, \$8. Call 375-3185.

20FT SAILBOAT trailer, sleeps 4, 4 hp motor, swing keel, 375-4342 \$2,700.

AVON - to buy or sell, call Debbie at 375-1138.  
BED LINER for a Mazda truck; 2 Z-28 Camaro rims; concord car stereo and assorted camping gear. 446-2058 after 5 p.m.

COMPLETE SET of 1982 Fleer baseball cards, hardbound albums. Also including book of baseball cards 35 yrs. 1951-1985 for \$80 or best offer. 446-4397.

COMPUTER IBM AT Compatible 8/12 Mhz, 512K Ram, 20 MB hard drive, 200 watt power supply. Monochrome (hercules compatible) video card & display, 1.2 MB floppy drive, enhanced 101 keyboard, citizen 120 D Printer, all cables included. Being sold as new. Price, \$1400 firm. Call 446-3137

COMPUTER IBM XT Compatible 8/12 Mhz, 640 K Ram, 10 MB hard drive, mono chrome (H compatible) video card and display, 2.360 K floppy drive, serial printer ports, keyboard, citizen 120 D printer. All cables included. Being sold as new. Price \$975 firm. Call 446-3137

COMPUTER STUFF: COMPUTER: Amstrad 1512 Color, IBM XT CLONE. SOFTWARE: For amiga, Apple II, E.C, Mac. (all software is unused) HARDWARE: for Atari, Apple II, IIC, III, Mac, IBM. ACCESSORIES for all systems (floppies, diskette, etc.) Pioneer Video disc player, Sears Beta stereo VTR, GE, VHS, VTR. Call Dal 446-3364.

COUCH & LOVESEAT, \$150. Call 446-3154.  
COUCH & loveseat. Good condition, \$200 or best offer. 446-2827.

"FREDDY THE FIREFLY", new book written by Dewanye C. Davis. The first 100 numbered autographed copies available at the Booklet, 130 Balsam St.

HAVE AN OLD baseball card collection you want to get rid of? I buy baseball cards. Call 446-6769 after 5 p.m.

HUNTERS PRIDE pelleted dog food. 50lbs. \$10.99 at Brown Road Hay & Grain 377-4316.

SOFA \$65, end table, \$30 each. Stereo rack stand, \$30. 446-7044 after 5:00 p.m.

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This is the quickest means of reaching people in the NWC Model Installation Program Office. They are there to assist China Lakers with the MIP process.



## Propane is now here!

## Police still use radar

Motorists on board the Naval Weapons Center (NWC) are reminded that China Lake Police Division (CLPD) officers enforce state and NWC traffic regulations.

According to Kerry B. Swiggum, traffic manager, CLPD Operations Branch, areas of concentration for radar traffic enforcement for next week are listed below.

•Monday — Randsburg Wash Road.

•Tuesday — CLPL Road.  
•Wednesday — Richmond Road.  
•Thursday — Lauritsen Road.  
•Friday — Knox Road.

Violations may be cited at anytime as well as in areas other than the ones mentioned above.

Propane is now available at the Naval Weapons Center's Navy Exchange Service Station. As an introductory bonus, there is 10 percent savings off the regular price from today (March 31) through April 7. The Navy Exchange Service Station is open Monday thru Friday from 8 a.m. to 4:30 p.m. and on Saturday from 8 a.m. to 2 p.m. The station is closed on Sundays.



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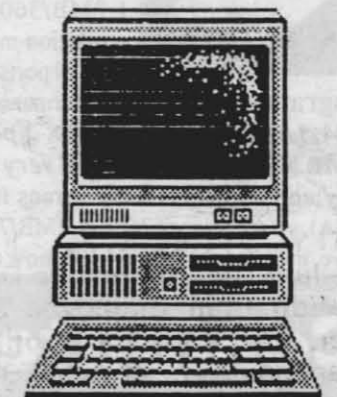
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**NETWORKING**—Representatives from IMS gather with China Lakers to discuss the NESS contract and how it could assist with wider dissemination of training videotapes. From left to right, standing are George Moss, IMS contract manager; Dr. Howell Mei, IMS vice president; John LeMarr, Code 271; James Murphy, IMS; Clara Erickson, head, Human Resources Development division; Vicki Munro, code 224 and Jeanie Donaldson, Code 356. Seated, left to right, are Ruth Post, contract specialist; John Yeh, IMS president; and Linda Dittmeier, NISS COTR. Donaldson is providing sign language interpretation for Yeh, who is deaf. Photo by PHAA Cary Brady.

**IMS awarded contract**

**NESS now available for NWC networkers**

Network engineering support services (NESS) are now available to all Center codes through Contract number N00123-89-D-0406 with Integrated Microcomputer Systems, Inc. (IMS).

The three year contract, which was awarded January 11, will provide a means for individual codes to obtain data and video networking-related equipment and services, including network requirements analysis; network designs; equipment implementation and integration; networking equipment; site preparation; testing; operations and maintenance; configuration management and quality assurance; and documentation services.

"The contract will be monitored by the Information Systems (IS) Group (Code 27). Formerly the IS group was responsible for providing some of these services," explained Linda Dittmeier, Contracting Officer's Techni-

cal Representative (COTR) for the contract, "but the Center-wide need for video and data communications and the technology both increased to necessitate a dedicated contractor." Representatives from the contractor, based in Rockville, Maryland, visited the Center recently. "They were impressed with our current state-of-the-art communications networks," said Dittmeier. "We showed them our nearly completed video teleconferencing center and our fiber optic trunk system (FOTS) hub, which is an integral part of the Center's integrated communications system (ICS)."

"We have a lot of confidence in IMS," said Dittmeier. "They have done some communications work on-Center in the past few years and specialize in providing these services to the federal government. As a small disadvantaged business, their ability to win this contract by successfully competing against contractors classified as large business is noteworthy."

Dittmeier's office, together with NESS contracting officer, Ken Zessin, and the Contract Specialist, Ruth Post (Code 257), are ready to accept delivery orders from Center organizations for IMS services. "Ken and Ruth are responsible for all the contractual aspects. I'm here to help the codes get their technical requirements into the proper form," explained Dittmeier. "The help I provide can range from simply providing potential users with a copy of the NESS User's Manual to helping them formulate an acceptable statement of work or determine which forms need to be submitted in their request packages."

In explaining the range of NESS services available from IMS, Dittmeier noted that "they even take a code's perceived need and analyze how a data or video communication system can help meet that need."

One 'need' currently being analyzed is channeling four video channels from the Training Center for Center-wide distribution via the ICS. After the analysis is completed and approved, the contractor will install and test the equipment that allows codes to receive video transmissions of technical courses originating live from Training Center classrooms, from prerecorded media, or from satellite earth station courses such as those from Cal State Chico.

"What really makes this contract different from many other service contracts is that any hardware required by the delivery order can be competitively acquired through the contractor," said Dittmeier. "This capability will speed up the installation of the service and provide better total service to the codes."

For more information on the NESS contract's services or to place a delivery order, call Linda Dittmeier, NWC ext. 2474.

**Japanese influence our heritage**

**Editor's Note:** This is the seventh in a series of articles by the NWC American Heritage Committee. Each vignette will illustrate the 1989 American Heritage theme: **Pride in Diversity** and reflect upon NWC's mission.

In the high desert of Owens Valley stands a simple stone monument bearing two words in calligraphy: **Ire To (Soul Tower)**.

This monument is a tribute to the Japanese community in California.

The Japanese government legalized immigration in 1885. The Japane-

se began to arrive in California in the late 1880's and according to immigration figures, about 25,000 immigrants arrived in the 1890's. The first generation of Japanese, called Issei, contributed a great deal to California's economy, especially in agriculture.

George Shima (Americanized first name) was one such contributor. Shima came to the United States in 1889 at age 26 with less than \$1,000 in assets. He worked as a common laborer and became a contractor specializing in marketing the agricultural

services of Japan to California farmers.

He invested his earnings and, with the help of other Issei, began his own farm. Shima specialized in potatoes which was then a new crop in California.

In 1909, the press dubbed him the "Potato King" of California. Shima controlled about 85 percent of California's potato crop by 1920.

He bought a house in one of Berkeley's most exclusive neighborhoods. A subsequent protest movement demanded that he move to an Oriental neighborhood, but he remained in his home and died in 1926 leaving a \$15

million estate. George Shima was one of the Issei generation who "helped to reclaim and improve thousands of acres of

worthless lands throughout the state...and were undeniably a significant factor in making California one of the greatest farming states in the nation..."

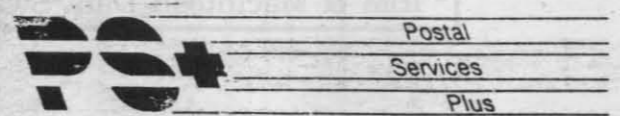
American Heritage Week will be celebrated at NWC during June 5-9. The week will feature daily entertainment celebrating **Pride in Diversity**. Food booths will be hosted on Tuesday and Wednesday.

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**NWC Training Center holds preretirement seminar April 18-20**

**Preretirement Seminar (24 hours)**  
April 18-20, Tuesday-Thursday, 0800-1600; Commissioned Officers' Mess, Mojave Room. By V. Spille, Code 221.

Intended Audience: NWC civilian employees considering retirement within the next five years.

Scope: This seminar is designed to provide a wide range of information on such subjects as tax regulations, the retirement systems, Social Security and Medicare, financial planning, health maintenance and various aspects of retirement. Spouses of enrollees are also encouraged to attend. Indicate estimated date of retirement on your training request. Deadline: Call Virginia Spille, NWC ext. 2018/2592 to register for this seminar. Training requests can follow.

**Communication Techniques for Support Personnel (8 hours)**  
April 17, Monday, 0800-1530; Training Center. By Prime Learning International.

Scope: This Prime Learning International course, also called *How To Work With People, Manage Conflict and Communicate Assertively*, covers the following: the effect of today's

"leaner and meaner" business environment on human resources and relationships; four possible responses to "negative" relations, creating an atmosphere in which the missing quality in a relationship can surface and how to focus energy on positive, relationship-building possibilities;

the benefits of team building; dynamics of an effective employee-boss relationship; guidelines for creating a win-win relationship; exploring the myths about conflict, turning conflict into opportunity; the boss — working effectively with multiple bosses, other concerns: interruptions, person-

al favors; handling disputes between subordinates, meetings, sexual harassment; customers and clients — business etiquette, telephone techniques; and consider your options — four steps to activating your plan. Presentation Method: Lecture. Deadline: April 3.

**Cal-State Chico courses start in the near future**

The following classes are being offered this spring for the Cal-State Chico Computer Science Program (bachelor's and master's degrees). To enroll in these classes, submit a Training Request and Authorization Form (NAVWP-NCEN 12410/73) via department channels to Code 224. Registration will be held in class on the first meeting. Deadline for enrolling is 10 calendar days before the starting date of the class.

**Math 577: Introduction to Operations Research (5 qtr. units)**  
April 4-June 8, Tuesdays and Thursdays; 1610-1810; Training Center. By Ken Woods, NWC ext. 1759.

Prerequisite: Linear Algebra is required or consent of instructor. Calculus and theory of probability are recommended, but not required.

Scope: This course is an introduction to the basic theories and methods used in the field of operations research. Beginning with a review of matrix operations, simultaneous equation solution techniques, convexity considerations and theory of probability. Course will continue with linear programming (including PC software "LINDO"), the Simplex Method and its theory, network analysis, CPM-pert, dynamic programming, integer programming, stochastic processes, queuing theory and inventory theory.

Text: *Introduction to Operations Research*. Hillier and Liberman. Holden-Day, 1986, 4th Edition.

Note: This is a graduate level course.

It is acceptable as an elective in the CSU, Chico Master's Program in computer science.

**CSCI 251: Advanced Software Practices (3 units)**

April 15-16, May 13-15, June 10-11, Saturday-Sunday; 0800-1600; Training Center. By Prof. Luker, CSUC.

Prerequisite: CSCI 151: Algorithms and Data Structures or equivalent or consent of instructor.

Scope: Students will study how an advanced programming language and software environment (Ada) should be used, from the viewpoints of portability, type, and software engineering practice.

**CSCI 272: Multi-User Operating Systems (3 units)**  
April 22-23, May 20-21, June 17-18, Saturday-Sunday; 0800-1600; Training Center. By Prof. Vilen, CSUC, (916) 895-5748.

Prerequisite: CSCI 152: Operating Systems Programming or CSCI 153: System Software or equivalent or consent of instructor.

Scope: Course will include analysis of multi-user operating systems, including hardware and software requirements; comparison of differing types of scheduling and memory allocation routines, analysis of system deadlocks and their prevention, and I/O control in a multi-user environment.

For more information about any of these programs or classes, contact Cecil Webb, NWC ext. 2648.

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## Personnel opportunities

(Continued from Page 17)

The incumbent will interface with all levels of NWC management, NAVAIR/NAVSEA sponsors, other field activities and Joint Venture Company contractors; the principle vehicle for this interface with a Seeker Working Group, of which the incumbent will be a member. Promotion potential to DP-3. To apply, send a current SF-171 to Mike Stallard, Code 39B3, NWC ext. 6526. NO. 61-011, Electronics Engineer, DP-855-2, CODE 6133 - This position

is located in the Systems Engineering Branch, Engineering Support Division of the Aircraft Department. Incumbent provides engineering support to the QF-4 full scale target program - design/develop digital and analog hardware for remote control drones. Microprocessor interface, printed wiring board design, hands-on electronic test equipment, MIL-SPECS and documentation experience desired. To apply send a current SF-171 to M. E. Lawson, Code 6133, NWC ext. 5383.

Travel program. Must have a good working knowledge of travel regulations (PCS, TDY, and OVERSEAS allowances). Proficiency with Macintosh SE computer is desirable. Promotion potential to DG-4.

No. 30-010, Secretary (Typing), DG-318-1/2, Code 308 - Incumbent will provide support to the Coordinated Warfare Group and the Warfare Analysis Program. Knowledge and working skill on the Macintosh PC is desirable. Applicant must be able to qualify and maintain a SECRET clearance. Status eligibles may apply. Previous applicants need not apply.

No. 35-022, Secretary (Typing), DG-318-1/2, Code 3561 - The incumbent provides the principal clerical and administrative support to the Software Development Branch. Knowledge of Xerox Star and Macintosh desirable but not mandatory. Promotion potential DG-2.

No. 35-032, Secretary (Typing), DG-318-1/2, Code 3574 - The incumbent will provide secretarial and administrative support to the Head, RF Systems Design Branch. Experience with the Macintosh PC is desirable. Knowledge and ability to handle Navy plant account, filing and procurement procedures is desirable. Promotion potential to DG-2. Status eligibles may apply.

No. 39-029, Secretary (Typing), DG-318-2/3, Code 39B3 - This position is located in the Missile Homing Improvement Program (MHIP) Project Office, Intercept Weapons Department. Promotion potential to DG-3.

No. 61-010, Secretary (Typing), DG-318-1/2, Code 6102 - The incumbent is secretary to the Head of Staff, Aircraft Department and provides support to other staff activities. Experience using the Macintosh II is highly desirable. Promotion potential to DG-3.

## Public Affairs assistant position open at EMPF

No. 126-89, Public Affairs Assistant, GS - 3 0 3 - 0 5 / 0 6 / 0 7, \$15,738/\$17,542/\$19,493, Naval Industrial Resources Support Activity Detachment, EMPF, China Lake, CA. This position may be filled at the GS-05, GS-06 or GS-07 levels. Please indicate the grade(s) for which you are applying. A selectee brought in at the GS-05 or GS-06 levels may be promoted through intervening grades to the full performance level in accordance with information provided below in "How to Apply." Duties: This position is located in the Naval Industrial Resources Support Activity Detachment, EMPF, Publications Directorate, China Lake, CA. The selectee of this position will be responsible for the performance of the following duties: serve as initial contact to provide detailed information about the organization's objectives and activities; assist in developing and distributing public relations materials to the media; assist in handling logistics for meetings and events involving the organization's public; provide professional on-site support; assist in handling organization's visitors programs, including preparing agendas, scheduling speakers and coordinating tours; establish and maintain a computer-based calendar of events for the organization; assist in preparing presentations using a variety of audio visual media; assist in preparing publications for production and printing; assist in administering the in-house library and document control system; collect raw data and apply available software to develop an effective tracking and reporting system for project schedules and budget; and develop and maintain a data base for the organization's distribution system. How to Apply: Applicants must submit a complete and current SF-171, current Performance Appraisal, and Supplemental Experience Statement, if requested, to the Consolidated Civilian Personnel Office, Philadelphia, PA 19112-5073 not later than April 18 (closing date of this announcement). Qualifications determinations will be made as of the closing date of this announcement. Position descriptions will not be returned or used for subsequent vacancies. In addition to meeting the time-in-grade restrictions, applicants must meet the experience requirement specified in Civil Service Handbook X-118, Series Group 300. Evaluation Method: Basically eligible applicants will be evaluated on the following job related criteria on the basis of experience and training, supervisory appraisals and awards received. Appointment to this position may be subject to drug testing. Job-related ranking elements: A. Skill in conducting research, analyzing information and effectively communicating that information orally or in writing; B. Knowledge of computer based system for scheduling and budgeting; and C. Ability to plan, schedule and effectively complete a wide variety of tasks in a timely manner. Note: Attach a statement describing how you meet the knowledge, skill and/or ability required by each ranking element and identify which job, volunteer work, etc., education or training shown on your SF-171 gave you this knowledge, skill and/or ability.


## Secretarial opportunities

This column is used to announce secretary positions for which the duties and job relevant criteria are generally similar. Secretaries serve as the principal clerical and administrative support in the designated organization by coordinating and carrying out such activities. Secretaries perform numerous tasks which may be dissimilar. Positions at lower grades consist primarily of clerical and procedural duties and, as positions increase in grades, administrative functions become predominant. At the higher levels, secretaries apply a considerable knowledge of the organization, its objectives and lines of communication. Depending on grade level, typical secretary duties are implied by the job relevant criteria indicated below.

Applicants will be rated against four or more of the following job relevant criteria: (1) ability to perform receptionist and telephone duties; (2) ability to review, track, screen and distribute incoming mail; (3) ability to review outgoing correspondence; (4) ability to compose correspondence and/or prepare non-technical reports; (5) knowledge of filing systems and files management; (6) ability to meet the administrative needs of the office; (7) ability to train clerical personnel and organize workload of clerical staff processes; (8) ability to plan and coordinate travel arrangements; (9) ability to maintain and coordinate supervisor's calendar and to arrange conferences.

Unless otherwise indicated, applicants for branch secretary will be rated on elements 1/2/3/5/8; division secretary applicants will be rated on elements 1/2/3/4/7/8/9; Program Office secretary applicants will be rated on elements 1/2/3/4/5/8/9; and department secretary applicants will be rated on elements 4/7/8/9. A SUPPLEMENTAL FORM IS REQUIRED AND MAY BE OBTAINED IN ROOM 100 OF THE PERSONNEL BUILDING.

No. 22-005, Secretary (Typing), DG-318-2/3/4, Code 22 - The position is Department Secretary for Human Resources Department. Incumbent manages the department office, provides clerical and administrative support to the Head and Associate Head, and supports the Department Head in the administration of the Long Term



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# NWC events planned for Month of the Young Child

By Peggy Shoaf

"Children are the future of America," said Camie Fielder, head of the Children's Centers at NWC. The Month of the Young Child, April, is set aside to help raise public awareness of the needs of these children.

According to Fielder, there are a variety of activities planned on Center to celebrate this special month.

On April 7, the Children's Centers will take its annual "Public Awareness Walk," Fielder said. All the children attending day care on base (approximately 200) walk down Blandly to the Administration Building. There they will briefly tour the main corridor. The children and supervisors will then proceed to Michelson Laboratory, where they will walk down the main hall on the first floor. They will return to the centers via Nimitz. The event is set for 9 to 10 a.m.

"The purpose of the walk," Fielder noted, "is to let people know the children are here. Last year's walk was an unqualified success. People came out of their offices and talked to the children. Both the adults and the children enjoyed the experience. It was a beautiful way to celebrate life as we recognized April as the Month of the Young Child."

The annual Children's Fair is set for Saturday, April 8, at Solar Park (next to the Enlisted Mess). From 10 a.m. to 2 p.m., children throughout the community are invited to come and enjoy the wide variety of activities that are planned. Approximately 14 preschools and organizations will participate in this year's event.

Family Night is April 17 from

6:30 to 8 p.m., Fielder noted. "Instead of Family Night, we used to have Open House," acknowledged Fielder. "Parents came and viewed their children's artworks and other activities. Family Night is much more. Not only will the parents be able to see what their children have been doing, they will also be able to do some of these activities with them. We hope to see parents painting with their children, swinging with them, etc.," added Fielder.

program with parental permission. Starting at 11:30 a.m. on April 11, parents may attend a preview of the program at the All Faith Chapel's East Wing. This preview will help parents decide if they want their children to participate in this sexual abuse prevention program.

Throughout April, various distinguished members of NWC will eat lunch with the children at the day care centers. "Capt. John Burt, NWC Commander, was just one of the dis-



DEMONSTRATING SUPER CAPABILITIES—Michele Polf, system manager, receives some assistance from Tom Serkowski, a Cray software analyst.

## Fund established to award use of Cray

(Continued from Page 1)

On the SEF DEC Vax 8600 would cost \$525 while it would cost less than \$10 to run the same program on the Cray in under one minute. Easy access is provided through NWCNet.

To encourage aggressive and innovative use of the Cray, a special MSI Supercomputing Fund has been established on Center to award super-computer time to proposals on a competitive basis.

This fund should have long-term implications for the Center's weapons projects. Using this new resource, scientists and engineers will be capable of opening up new applications areas, exploring advanced computing approaches and developing

unique capabilities with broad implications for NWC's projects.

Proposals for use of the fund are due by April 15. For more information on the Supercomputer Fund, contact Jack Van Wieren, NWC ext. 3597.

To enable state-of-the-art data analysis, a new scientific visualization laboratory containing several engineering workstations has been set up and is ready for immediate use with the Cray. Bruce Lowry, NWC ext. 2078, will provide workstation accounts and assist users.

The Cray arrived with FORTRAN, C, Ada, and Pascal compilers and libraries. A number of additional software packages (such as DISSPLA, IMSL, NAG, ABAQUS and NASTRAN) were also obtained with more being ordered. A survey to identify other necessary software has been circulated and results are being tabulated. Those who did not turn in the survey may still make requests by calling Korcy Beaudry, NWC ext. 2544.

A series of user training classes are being set up to run in April and May through the NWC Training Center. General information on use of the system and manuals is available at NWC ext. 3597/3663/2447.

Events planned for the Month of the Young Child are beautiful ways to celebrate life and our nation's most precious resource—children.

On April 29, Peter Alsop, nationally known singer, songwriter, lecturer and humorist from Southern California will perform at the Naval Weapons Center's Theater. This program is sponsored by the Naval Weapons Center's Children's Centers and various Ridgecrest community organizations, including Kiwanis, High Desert Child Abuse Prevention Council, Desert Motors, Kerr McGee and Friends of the Children's Centers.

Alsop will also present a professional workshop for people who work with other people and an autograph party earlier in the day. A balloon launch is also planned for the children.

During the month, Fielder noted, the Children's Self-Help Project will take place. Children in the preschool classes may participate in this

tinguished visitors who ate lunch with the children last year," said Fielder.

According to Fielder the community's newspapers are also going to actively support the "family unit." The *Daily Independent* will do a series on parenting and the *News Review* will do a variety of stories on family life. The *NWC Rocketeer* will be doing a series on military families beginning next Friday.

Fielder invites the public to enjoy as many of the planned activities as possible. "Please join us as we celebrate our nation's most precious resource, our children," she said.

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## Personnel opportunities

(Continued from Page 16)

used on the Standard Missile. The incumbent will be responsible for planning and overseeing the activities of the manufacturer including the qualification of the contractor to produce a proven design and accomplish a transition to production. Following this transition, the incumbent will be the design agent point-of-contract during the contractor's production activities. The incumbent will also be expected to technically manage some associated development efforts under NAVSEA technical instruction contracts, coordinate the activities of support personnel from design engineering, quality, reliability, soldering, documentation, etc., and liaison with program and technical management personnel at NAVSEA, and Navy field activities. In addition to working in the Production Office, the incumbent will be responsible for providing regular inputs to and accept tasks from the STANDARD Missile Project Office, Code 39B11. The incumbent will be responsible for monitoring the funds of assigned activities, planning, coordinating and chairing meetings, and identifying areas of concern that require upper level management attention. To apply, send an updated SF-171 to R. Langham, Code 36A, NWC ext. 3686.

No. 36-022, Interdisciplinary (General/ Mechanical/ Electrical/ Electronics/ Aerospace/ Industrial Engineer/Physicist/ Mathematician), DP-801/830/850/855/861/896/1310/1520-2/3, Code 36A4 - The incumbent will act as an Associate Technical Manager in the Standard Missile Production Office and be responsible for assuring the proper fabrication, check-out, and acceptance of test

equipment that tests STANDARD Missile hardware for which the NAVWPNCEN is the design agent. The incumbent will be responsible for planning and overseeing the activities of contractors that test NAVWPNCEN design during production and assure the adequacy of automatic acceptance test equipment; factory test equipment; and other lower level test equipment built and utilized by the contractors. The incumbent will also be expected to monitor the development of test equipment for advanced designs to ensure an orderly and timely process of transitioning new test equipment, and other lower level assembly test equipment built and utilized by the contractors. The incumbent will also be expected to monitor the development of test equipment for advanced designs to ensure an orderly and timely process of transitioning new test equipment for future production. The incumbent will act as the NAVWPNCEN coordinator with the STANDARD Missile design activity; the contractors and FLTAC to assure test equipment certification activity occurs in an orderly fashion to support production planning. In addition, the incumbent will serve as the point of contact on all issues relative to equipment used to check out or otherwise test STANDARD Missile hardware for which the NAVWPNCEN is the design agent. The incumbent will be expected to ensure an orderly coordination of software engineering and software quality assurance activities that will result in high quality test equipment design and performance. In addition to working in the Production Office, the incumbent will be responsible for providing regular inputs to and accept tasks from the STANDARD Missile Project

Office, Code 39B11. The incumbent will be responsible for planning, coordinating and chairing test equipment meetings and identifying areas of concern that require upper level management attention. To apply, send an updated SF-171 to R. Langham, Code 36A, NWC ext. 3686.

No. 36-023, Interdisciplinary (General/ Mechanical/ Electrical/ Electronics/ Aerospace/ Industrial Engineer/Physicist/ Mathematician), DP-801/830/850/855/861/896/1310/1520-2/3, Code 36A2 - The incumbent will act as Associate Production Manager of the Sparrow Missile Systems Programs. The incumbent is responsible for the conduct of NWC production support technical

activities to include management of qualification programs of contractors to produce proven designs, transition into full production, and technical management of contractor activities during production. The incumbent will coordinate the technical efforts of various support activities including design engineering, quality, reliability, soldering, documentation, etc., and liaison with technical management elements of NAVAIR and Navy field activities. The incumbent will be responsible for monitoring funds for the accomplishment of assigned duties, chairing meetings to include CCB, preparing and performing presentations regarding the status of assigned projects, and identifying areas of concern that require

upper level management attention. To send an updated SF-171 to R. Langham, Code 36A, NWC ext. 3686.

No. 39-030, Interdisciplinary, General/ Electronics/ Aerospace Engineer/Physicist, DP-801/855/861/1310-2/3, Code 39B3 - This position is that of Systems Engineer for the Missile Homing Improvement Program (MHIP) Project Office, Intercept Weapons Department. The incumbent will oversee the design, development, engineering/systems integration and test and evaluation of the MHIP Project. The incumbent is responsible to the Project Manager for MHIP tasks assigned to the Naval Weapons Center.

(Continued on Page 18)

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## Promotional opportunities

(Continued from Page 15)

not reapply.  
**No. 32-023, Interdisciplinary (Mechanical/Electronics Engineer/Physicist), DP-830/855/1310-3, Code 3203** - Incumbent serves as Round Design and Test Manager for the Catapult-Launched Fuel-Air Explosive (CATFAE) Round Development, a project for the Marine Corps entering the full-scale engineering development (FSED) phase of the acquisition cycle. Will serve as a principle member of the project management team, providing technical direction, integration and coordination efforts for the round design and development. In addition, incumbent will manage the testing efforts to complete the advanced development phase of the project, and provide oversight and direct efforts for planning and executing the FSED test program. Incumbent will manage off-center contractual personnel in support of these tasks. Ability to plan and organize work independently is desired. Knowledge of technical management, knowledge of test and evaluation procedures, and knowledge of component design evaluation is necessary. To apply, please send a current, updated SF-171 to William Vechione, Code 3203, NWC ext. 3009.

**No. 32-021, Supervisory Interdisciplinary (Aerospace/Electrical/Electronics/General/Mechanical Engineer), DP-861/850/855/801/830-3, Code 32731** - Incumbent serves as head of the Weapon Power Systems Section which is located in the Systems Technology Branch, Code 3273. Responsible for technical leadership, management, supervision, and administration of a growing section which performs analysis, design, development, test

& evaluation of actuation and power subsystems primarily for missile applications. General knowledge of control theory, servomechanisms, and electromechanical/hydraulic/pneumatic design principles is required. Knowledge of missile control dynamics is desired. Ability to lead, motivate, and communicate effectively orally and in writing is necessary. Incumbent must be willing to support EEO goals and policies. Selectee must complete a one year supervisory probationary period, if not already completed. Please send a current SF-171 to John Robbins, Code 3273, NWC ext. 7368.

**No. 35-009, Interdisciplinary Electronics/Mechanical/Aerospace Engineer, Mathematician, Physicist, Computer Scientist-DP-855/830/861/1310/1520/1550-2/3, Code 3564** - This position is in the Tomahawk Software Support Branch. The incumbent provides technical analysis and design of algorithms and software for Long Range Cruise Stand Off Missile (Next generation Tomahawk). The incumbent will investigate the use of Ada for the programming language. The incumbent will perform tradeoff studies and recommend software structures based on the outcome. The incumbent will convert segments of current missile code into Ada and measure and performance using simulations of the Tomahawk missile. To apply, please send a current SF-171 to Bill Stratton, code 3564, NWC ext. 1061.

**No. 35-010, Interdisciplinary Electronics/Aerospace/Mechanical/General Engineer/Physicist/Mathematician, DP-855/861/830/801/1310/1520-2/3, Code 3565** - This position is located in the Missile Test

& Evaluation Branch, Missile Software Division, Attack Weapons Department. Position is for Project Engineer supporting Anti-Radiation Missile Upgrades on various Navy Aircraft. Project engineering tasks include development of detailed test plans to test all Missile Moding and the interface with the various Aircraft onboard computers and EW Equipments. The incumbent will perform as a missile team leader associated with an airframe with responsibilities for the missile and its interface with the launcher, collection of missile data via the Missile Telemetry Section, analysis of the data real time at T-PAD, detailed analysis of the data following captive carry flights and missile firings. The incumbent will also schedule ECHO and G Ranges for all flights, interface with personnel in his own code, work directly with aircraft integration personnel, other Attack Weapons Branches, various range personnel and several contractors. The incumbent will be a principle point of contact for the IARM Project Office and must coordinate tasks with sponsors, government agencies and numerous contractor personnel. The incumbent must have an engineering degree and be experienced in one or more of the following areas: Air Launched Missile System or Guidance & control design or test. To apply send current SF-171 to Bill Leverett, Code 3565 or call NWC ext 2951 for more.

**No. 35-011, Interdisciplinary General/Electrical/Electronics/Aerospace/Physicist/Computer Scientist, DP-801/850/855/861/1310/1550-2/3, Code 3566** - This position is located in the IARM Systems Integration Branch, Missile Software Division, Attack Weapons Department. The incumbent is responsible for the

hardware/software integration, test and analysis of HARM Block upgrades to Navy aircraft avionics systems and their interface with the HARM weapons system. As the Lead Project Engineer for the platform, he/she will be responsible for planning, coordinating, conducting and reporting test results both orally and in writing. The incumbent will coordinate test efforts with aircraft WSSA, other members of the test organization and the Project Office. Specific on going projects include sustaining HARM engineering, HARM Block II, IV and Low Cost Seeker development. To apply, please send a current SF-171 to Gary Gillen, Code 3566, NWC ext 2951.

**No. 35-026, Interdisciplinary General/Electrical/Electronics/Aerospace/Physicist/Computer Scientist, DP-801/850/855/861/1310/1550-2/3, Code 3566** - This position is located in the HARM System Integration Branch, Missile Software Division, Attack Weapons Department. The incumbent is responsible for the hardware/software integration, test and analysis of HARM Block upgrades to Navy aircraft avionics systems and the interface with mission computer operational flight program. As the Lead Project Engineer for the platform, he/she will be responsible for planning, coordination, conducting and reporting test results. He/she will coordinate test efforts with aircraft WSSA and other members of the test organization, utilization of test asset, test requirement/objectives, test schedules and reporting the results both orally and in writing. The incumbent must be able to obtain and maintain a secret level. To apply, send a current SF-171 to Gary Gillen, Code 3566, NWC ext 2951. Previous applicants need not apply.

**No. 35-030, Interdisciplinary, General/ Electronic Engineer/ Computer Scientist/Mathematician/Physicist, DP-801/855/1550/1520/1310-1/2/3, Code 3561**-This position is that of Software Systems Engineer for the Advanced Sidemarm missile. This is an air-ground missile used by the Navy and Air Force to defeat RF threat radar systems. The emphasis of this position is on hardware/software interfacing and tradeoffs. The incumbent will be responsible for assisting in the development of software from a system and software architecture point of view. This encompasses requirements definition, analysis, design and implementation of software systems and simulations. The incumbent will work closely with other organizations to define processor capabilities and language constraints. Rapid prototyping will be used to refine system requirements. Experience is desired, but not mandatory, in: (1) software engineering techniques for implementing real time software systems in embedded and non-embedded applications; (2) system design and architecture, and development of hardware drivers; and, (3) structured software development techniques. The ability to plan, organize, and communicate effectively orally and in writing is required. To apply, please send an updated SF-171 to G. Lundin, Code 3561, NWC ext. 2459.

**No. 35-033, Interdisciplinary, General/ Electronic Engineer/Computer Scientist/ Mathematician/Physicist, DP-801/855/1550/1520/1310-1/2/3, Code 3561**-This position is located in the Software Development Branch of the Missile Software Division in the Attack Weapons Department. The branch develops real-time embedded software for Anti-Radiation Missiles (ARM) in a state of the art software environment. Extensive use is made of Computer Aided Software Engineering (CASE) tools, high order languages, and structured development methodologies modified for the real-time environment of ARM weapons. The incumbent will be a member of a select team of software engineers defining software language and microprocessor architecture requirements for the Advanced Sea-Launched Cruise Missile (ASLCM). This will consist of determining the feasibility of using Ada and new microprocessors such as the Intel 80386 or Motorola 68030 in the ASLCM. Rapid prototyping will be used to develop and test software. Performance results from the new architectures will identify limitations imposed by the use of Ada as well as workarounds. Hardware configurations that prove capable of handling the computational and processing requirements will be identified. Results from these activities will be incorporated in the software requirements specifications. The ability to plan, organize, and communicate effectively orally and in writing is required. To apply, please send an updated SF-171 to G. Lundin, Code 3561, NWC ext. 2459.

**No. 35-034, Interdisciplinary (Electronics/ Mechanical/ Aerospace Engineer, Mathematician, Physicist, Computer Scientist, DP-855/830/861/1310/1520-2/3, Code 3564**-This position supports the Sea Lance Program. The incumbent provides independent technical analysis and design and evaluates contractor algorithms, design and code for embedded missile software utilizing simulations and hardware-in-the-loop facilities. The incumbent evaluates Ada compilers for performance appropriate to missile s/w. Participates in contractor design reviews, technical interchange meetings, and software walk throughs. Experience with Ada is desirable. To apply, please send an updated SF-171 to William Stratton, Code 3564, NWC ext. 1061.

**No. 36-021, Interdisciplinary (General/ Mechanical/ Electrical/ Electronics/ Aerospace/ Industrial Engineer/Physicist/ Mathematician), DP-801/830/850/855/861/896/1310/1520-2/3, Code 36A4** - The incumbent will act as an Associate Technical Manager in the Standard Missile Production Office and be responsible for the conduct of production activities associated with the efforts of a manufacturer of Target Detecting Devices

(Continued on Page 17)

## Technical Societies Robotics conference set

On April 6, the Institute of Electrical and Electronics Engineers, Inc. (IEEE) will hold its 29th videoconference at the Flight Deck, Heritage Inn, in Ridgecrest. The subject of the latest videoconference seminar via satellite will be **Robotics: Challenges in Motion Control, Planning and Vision**. Registration begins at 8:30 a.m., with the videoconference from 9 a.m. to 12 noon.

Robotic research has brought autonomous systems of considerable competence and versatility within reach. They will have a significant impact on industry and business, and on engineering practice itself. Preparing for this new era, however, means thoroughly understanding the present state of the art and the essential nature of the tough challenges at the next stage. Solving these problems in motion control, motion and task planning, and vision is critical in achieving greater dexterity and autonomy.

This videoconference will provide an update on what robotics technology has achieved — with

examples of practical applications — and examine problems at the center of current research in each of robotics' main areas.

The presenters of the conference will be Dr. Roger W. Brockett, Harvard University; Dr. Jean-Claude Latombe, Stanford University; and Dr. Takeo Kanade, Carnegie-Mellon University.

This videoconference will begin with an introduction covering aspects of robotics already part of the engineering practice; illustrations in the automotive, computer and other fields; and the next steps toward greater proficiency and independence.

Dr. Brockett will discuss *Reliable and Precise Motion Control: A Vital Element*. This topic will cover distinction between position control and force control; robotic programming language; symbolic description of a motion sequence and comparison with computer programming; and how currently available machines use these techniques.

Dr. Latombe's topic is *Motion* (Continued on Page 10)



**FIRST RIDGECREST RECIPIENT**—Christina Eberhart (middle) celebrates receiving the Girl Scout Gold Award with her mother, Linda Eberhart, who works at NWC Children's Centers, and father, Hank Eberhart, who works in Code 308 of the Weapons Planning Group. Eberhart is the first Ridgecrest Girl Scout to have ever earned this award, which is the highest achievement in Girl Scouting. She earned the award for a pamphlet she developed on stress awareness.

## May show set for the Angels

For 42 years the world famous Naval Flight Demonstration Team (Blue Angels) has been thrilling millions of people with their formation flying.

On Sunday, May 7, the Blue Angels will appear at the 1989 Greater Kings County Lemoore Air Show. Last year's two-day air show attracted over 85,000 visitors to the central California naval air station.

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Burroughs High School Orchestra was one of among three orchestras in the country to be invited to the Anglo-International Music Festival in London this summer. The Orchestra will represent California and will be doing fund raisers 'til July for the trip to pay for the 34 students' trip. Each of which costs approx. \$1,000.

If you would like to help, please fill out coupon below and mail with donation. Thank You!

BHS Orchestra wishes to thank the American Legion's \$1,000 donation.

**Yes! I would like to help launch the Burroughs High School Orchestra on their trip to London. Enclosed you will find my contribution of \$\_\_\_\_\_**

Please mail to: BHS Orchestra, 1539 N. China Lake Blvd., Ste. 537, Ridgecrest, CA 93555.

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is made of Computer Aided Software Engineering (CASE) tools, high order languages, and structured development methodologies modified for the real-time environment of ARM weapons. The incumbent will be a member of a select team of software engineers defining software language and microprocessor architecture requirements for the Advanced Sea-Launched Cruise Missile (ASLCM). This will consist of determining the feasibility of using Ada and new microprocessors such as the Intel 80386 or Motorola 68030 in the ASLCM. Rapid prototyping will be used to develop and test software. Performance results from the new architectures will identify limitations imposed by the use of Ada as well as workarounds. Hardware configurations that prove capable of handling the computational and processing requirements will be identified. Results from these activities will be incorporated in the software requirements specifications. The ability to plan, organize, and communicate effectively orally and in writing is required. To apply, please send an updated SF-171 to G. Lundin, Code 3561, NWC ext. 2459.

**No. 35-034, Interdisciplinary (Electronics/ Mechanical/ Aerospace Engineer, Mathematician, Physicist, Computer Scientist, DP-855/830/861/1310/1520-2/3, Code 3564**-This position supports the Sea Lance Program. The incumbent provides independent technical analysis and design and evaluates contractor algorithms, design and code for embedded missile software utilizing simulations and hardware-in-the-loop facilities. The incumbent evaluates Ada compilers for performance appropriate to missile s/w. Participates in contractor design reviews, technical interchange meetings, and software walk throughs. Experience with Ada is desirable. To apply, please send an updated SF-171 to William Stratton, Code 3564, NWC ext. 1061.

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(Continued on Page 17)



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Provide students interested in science and engineering a chance!

# Technical Program needs sponsors

By Peggy Shoaf

Sponsors (mentors) are being sought for the Technical Mentor Program. "Because this program is important to the realization of the Center's EEO initiatives, all technical departments are encouraged to participate," said Gerry Schiefer, technical director, Naval Weapons Center. "I would like for each technical department to review ongoing work and potential mentors for suitable placements."

Technical mentors should be chosen for their ability to work well with young people as well as having a good understanding of department projects and requirements. They will be tasked with meshing students' interests and aptitudes with job requirements. Mentors should be experienced scientists and engineers who can provide general guidance in

academic subjects — physics, chemistry and mathematics, as well as laboratory technology and engineering methods.

According to Judi Farmer, Technical Mentor Program coordinator, sponsors are expected to:

- Attend a mentor orientation;
- Interview several applicants and make selection;
- Design a project of designated tasks for the trainee that will provide hands-on experience;
- Spend as much time as he/she can with trainee (This does not have to be all at one time. It is fine for them to work independently or with other staff members, as appropriate.);
- Serve as a guide, an interpreter and an advisor;
- Answer questions; and
- Counsel the trainee on educa-

tional and career options as the trainee's capabilities, interests and goals become familiar.

The purpose of the Technical Mentor Program is to provide students interested in science and engineering an opportunity to gain work experience under the guidance of a professional employee. This program is structured for, but not limited to, minority, disadvantaged and female school students.

This program has some unique qualities that allow sponsors to have an impact on a budding technician, scientist or engineer.

Sponsors have the opportunity to choose someone who is compatible with their work style and research team. The trainees gain valuable experience in the interview process.

Sponsors and trainees work at their own pace and tailor their activi-

ties to meet their needs.

The year-end report that is required for each student helps to focus the student's efforts and gives both the mentor and trainee some measurable results.

The trainee will be in the program for at least two years. This amount of time allows the trainee to benefit from all the teaching (and time) the sponsor has given the student.

Sponsors will be expected to provide a work experience assignment within their work group for a mid-level school student. A typical program would be:

First Semester/Junior Year — 4-6 hours per week (unpaid work experience credit)

Second Semester/Junior Year — 8-10 hours per week (unpaid work experience credit)

Summer between Junior/Senior Year — Full or part-time employment (paid)

First Semester/Senior Year — 10 hours per week (pay and work experience credit)

Second Semester/Senior Year — 10 hours per week (pay and work experience credit)

Summer after graduation — Full or part-time employment.

This program is exempt from Manage to Payroll (MTP) since the Stay-In-School authority is being used to appoint these students.

Individuals interested in becoming mentors, and organizations interested in participating in this program can contact Farmer at NWC ext. 3129/2348. Student placements for the 1989-1990 school year will be finalized in September.



## Promotional opportunities

Applications for positions listed below are being accepted from Department of Navy employees currently working at NWC and from eligible employees of attached activities who are permanently assigned to NWC. This group includes employees with career or career conditional appointments; employees with permanent Veterans Readjustment Act (VRA) appointments; temporary employees with reinstatement eligibility; and handicapped employees with Sch.(A) continuing appointments. Also included are spouses, with competitive status, of civilian sponsors hired by a DOD activity within NWC's commuting area. Applications from other groups will be accepted when specified in an advertisement. Vacancies are subject to restrictions imposed by the DOD Priority Placement Program. Applicants must meet all legal and regulatory requirements, including minimum qualifications requirements, by the closing date of the advertisement. Evaluation of applicant's qualifications will involve using at least two assessment measures. Assessment measures are work experience, annual performance assessment rating and narrative, education, training, performance assessment and awards.

Eligible spouses (of military sponsors) with competitive employment status may apply for employment preference. Those enrolled in this program will automatically receive consideration for employment on vacancies for which they applied. For initial employment information, career counseling and enrollment, call 939-3317 for an appointment.

**HOW TO APPLY:** Submit the following: a current application, SF-171 or other Human Resources Department pre-approved form; a copy of your most recent annual performance assessment narrative (note: a copy of your performance plan should be attached if the annual performance narrative description does not clearly state the tasks/duties performed); and a completed Background Survey Questionnaire. A supplemental narrative which relates your qualifications to each knowledge, skill or ability (KSA's) as cited in the advertisement is always desirable and may be required if stated in the vacancy announcement. Write the title, series, level (grade), and announcement number on all application materials. Not submitting the annual performance narrative may adversely affect your evaluation scores. Prior to submitting your application, complete Cover Sheet Form 12335/2, available at the reception desk. Make sure your address, phone number, etc. are current, correct and that all forms are complete and accurate. If information is missing, your qualifications may not be fully and completely rated. Additional information cannot be submitted after the closing date of the announcement. A current date and a signature on the last page completes the application. Civilian Sponsor Program Eligibles with competitive employment status must submit a copy of their sponsor's PCS orders with each application in order to be considered for Merit Promotion vacancies which do not state that status eligibles may apply.

Application materials are accepted, and blank forms are available, at the Reception Desk, Room 100, Human Resources Department, 505 Blandy. Announcements close at 4:30 p.m. on Friday, one week after the opening date of the announcement, unless otherwise specified. Applications received after 4:30 p.m. on the closing date will not be considered. Copies of applications may be submitted since applications are kept in an announcement file and cannot be returned or filed in personnel folders. The Naval Weapons Center is an Equal Opportunity Employer; selections are made without discrimination for any non-merit reason.

No. 24-011, Security Clerk, DG-303-1/2, Code 2433 - This position is located in the Employee and Visitor Badging Branch of the Security Division, Safety and Security Department. Incumbent performs clerical duties which include processing employee security clearances, typing messages and letters, maintaining records, filing and mailing. Incumbent manufactures badges/passes for access to NAVWPNCEN and prepares input for computerized badge listing. Incumbent will be required to greet customers tactfully and courteously. A knowledge of NAVWPNCEN badge/pass and appropriate regulations, instructions and directives is desirable. **Job Relevant Criteria:** Ability to communicate orally; ability to communicate in writing; ability to deal with all levels of personnel; ability to obtain and maintain a secret clearance. Status eligibles may apply. Promotion potential DG-2.

No. 26-022, Production Facilities Clerk, DG-303-1/2 Code 26424 - Position is located in the Emergency Service Shop, Public Works Department. Incumbent is responsible for reception, maintenance and control of all trouble call chits. **Job Relevant Criteria:** Ability to deal effectively with others; and ability to operate data processing equipment sufficient to perform data entry and retrieval. Promotion potential to DG-2.

No. 27-007, Electronics Technician, DT-856-3/DP-856-3, Code 2711 - This position is the Senior Video Systems Technician is located in the Networking Services Branch. The prime function of this position will be to analyze user requirements, plan, design, specify and integrate analog and digital video systems with the Fiber Optics Trunk System as part of the Centerwide Integrated Communications System Program. The incumbent will also analyze video systems technology trends as they relate to planned corporate video systems such as distribution

of range test video, teleconferencing, and audio-visual signals. Major media to be interfaced to include fiber optics. Familiar with common standards such as RS-170, RS-330, RS-250B medium haul, ANSI T1Y1 and NTSC is preferred. Transmission systems may include compressed video and wideband point-to-point or point-to-multipoint broadcast video/audio transmission services. Extensive training will be provided for specialize fiber optics and video systems. **Job Relevant Criteria:** Knowledge of video trunking applications; knowledge of video engineering standards and practices. Ability to analyze technical requirements for integrated real-time video hardware and software systems. Ability to work under pressure. Promotion potential to DP-3.

No. 30-011, Security Specialist, DA-080-1, Code 3005 - This is an Upward Mobility Position located in the Compartmental Security Support Group of the Weapons Planning Group. This Upward Mobility position provides an opportunity for employees to gain training and education so they may qualify for, and perform duties as a security specialist. The trainee position is Security Specialist, DA-080-1. The target position is Security Specialist, DA-080-1. Qualification requirements are waived for entry into of trainee position. Incumbent will be provided on-the-job training and formal courses in security disciplines, including: information security, physical security, operational security, personnel security and communications security. Position requires some travel and coordination with sponsor and contractor security personnel. **Job Relevant Criteria:** Ability to communicate orally; ability to communicate in writing; ability to deal effectively with people. Applicant must be able to qualify and maintain a Top Secret clearance based on a Special Background Investigation. A supervisory appraisal is required. The

may pick up the form in Civilian Personnel, 505 Blandy, Room 100. Promotion potential to DA-080-3. **Eligibility Criteria:** A: NWC employees DS/DA/DT-2 and below, WG-9 and below, DG-4 and below with career or career conditional appointments; however, in order to qualify, applicants must be eligible for reassignment to the Trainee position. B: Veterans Readjustment Act appointees. C: NWC employees who are currently serving in Permanent Accepted positions under Schedule A, appointing authority of severely handicapped, section 213.3102 (U).

No. 32-022, Mechanical Engineering Technician, DT-802-2/3, Code 3269 - This position is located in the Ordnance Evaluation Branch, Conventional Weapons Division, of the Ordnance Systems Department. The incumbent has the responsibility for the design and procurement or construction of uncomplicated hardware items for warhead development testing. Prepares sketches and drawings, writes purchase requests, acts as a liaison with Center fabrication shops and commercial vendors. Disassembles and assembles hardware systems for testing, evaluation or modification. **Job Relevant Criteria:** Knowledge of shop fabrication techniques for metals and plastics; knowledge of basic industrial safety practices to be enhanced by Departmental policies and procedures; ability to produce drawings and sketches for shop fabrication; ability to design elementary tooling and process equipment; ability to communicate orally; ability to communicate in writing; ability to do the work of the position with a minimum of supervision. Promotion potential to DT-3, but not guaranteed.

No. 32-017, Interdisciplinary (Mechanical/ Electronics Engineer/ Physicist), DP-830/855/1310-3, Code 3203 - Incumbent serves as Round Design and Test Manager for the Catapult-Launched Fuel-Air Explosive (CATFAE) Round Development, a project for the Marine Corps entering the full-scale engineering development (FSED) phase of the acquisition cycle. Will serve as a principle member of the project management team, providing technical direction, integration and coordination efforts for the round design and development. In addition, incumbent will manage the testing efforts to complete the advanced development phase of the project, and provide oversight and direct efforts for planning and executing the FSED test program. Incumbent will manage off-center contractual personnel in support of these tasks. **Job Relevant Criteria:** Ability to plan and organize work independently; knowledge of technical management; knowledge of test and evaluation procedures; knowledge of component design evaluation; ability to communicate orally; ability to communicate in writing. Status eligibles may apply.

No. 35-024, Software Data Management Specialist, DS-301-2/3, Code 3564 - This position is in the Tomahawk Software Support Branch. The incumbent is responsible for providing Configuration Management, Software Release Management, and document control for the Tomahawk SSA. Responsibility include tracking STR/SCP's, processing/controlling incoming tapes, controlling delivery of accounting of controlled items, and maintaining a library of reference software documents. These are carried out both by the incumbent and by the incumbent directing one or more civilians and contractors. The incumbent will make use of computers in maintaining records and producing reports. **Job Relevant Criteria:** Knowledge of software CM procedures, and governing standards, directives, and specifications; knowledge of library organization and control; ability to deal with others. Promotion potential DS-3.

No. 35-031, Interdisciplinary (Electronics Engineer/Physicist), DP-855/1310-3, Code 3151 - This position is located in the Laser Systems Branch, Targeting Division, Aircraft Weapons Integration Department. Incumbent will perform technical analyses and system engineering for advanced laser/EO/IR systems. Responsibilities also include the development and exploitation of

positions under Schedule A appointing authority of severely handicapped, Section 213.3102 (u). Such candidates will be referred to the selecting official on a separate listing.

No. 39-028, Security Clerk (Typing), DG-303-2/3, Code 39404 - This position is located in the Technology Office of the Electro-Optics Guidance Division, Intercept Weapons Department. The incumbent is responsible for assisting in the day to day operations of the office in a variety of areas such as record management, security management, and administrative support. **Job Relevant Criteria:** Ability to communicate orally; ability to communicate in writing; ability to deal effectively with people. Incumbent must be able to obtain and maintain a Top Secret clearance based on a Background Investigation. Promotion potential to DG-3.

No. 62-015, Engineering Technician, DT-802-1/2, Code 6221 - This position is in the Air Operations Branch, Range Department. The incumbent functions as an air test conductor during RDT&E flight tests. This position requires the precise positioning of test aircraft on predetermined flight trajectories. The incumbent also coordinates the activities of all personnel engaged with test operations. **Job Relevant Criteria:** Knowledge of range instrumentation; knowledge of radio communications procedures; knowledge of geometric functions and interpolation using tables, charts and maps; knowledge of ordnance procedures; ability to use a computer. Promotion potential to DT-3. Status eligibles may apply. Previous applicants need not reapply.

No. 64-016, Supervisory Mechanical Engineering Technician, DT-802-2/3, Code 64141 - This position is the head of a fabrication section in the Recovery Systems Support Branch. The section is responsible for the fabrication of cylindrical test vehicles and all other hardware required to support the Aerosystems Department Testing programs. The incumbent will manage all programs assigned to the shop and plan, schedule and coordinate all details required to obtain materials needed to fabricate the required test components. The incumbent will be responsible for supplying shop bins and equipment. The incumbent will also be responsible for getting parts fabricated in other shops if parts exceed our shops capability. **Job Relevant Criteria:** Ability to supervise, plan, organize and work independently; ability to TIG weld aluminum and steel; ability to fabricate sheet metal parts of various sizes and shapes; ability to work from rough hand sketches and crude drawings; ability to work with all levels of NWC personnel. Willingness to support NWC EEO goals and policies. A one year supervisory probationary period may be required. Promotion potential to DT-3.

No. 31-016, Interdisciplinary (Electronics Engineer/Physicist), DP-855/1310-3, Code 3151 - This position is located in the Laser Systems Branch, Targeting Division, Aircraft Weapons Integration Department. Incumbent will perform technical analyses and system engineering for advanced laser/EO/IR systems. Responsibilities also include the development and exploitation of

performance. Experience with laser/EO/IR technology, coherent RF radar signal processing, image processing, guidance systems, and engineering trade-off analyses is desirable. Requires the willingness to perform in a role of technical leadership and interface effectively with project management, sponsor and contractor personnel. To apply, send an updated SF-171 171 to Wayne Tanaka, Code 3151, NWC ext. 3123. Previous applicants need not reapply.

**Reassignment opportunities**  
This column is used to fill positions through reassignment only. For this reason, the Reassignment Opportunity Announcements are separate from the Promotion Opportunities column in the Rocketeer. 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.

No. 31-016, Interdisciplinary (Electronics Engineer/Physicist), DP-855/1310-3, Code 3151 - This position is located in the Laser Systems Branch, Targeting Division, Aircraft Weapons Integration Department. Incumbent will perform technical analyses and system engineering for advanced laser/EO/IR systems. Responsibilities also include the development and exploitation of

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(Continued on Page 16)

# Benefit race is on Saturday, April 15

Want to have some fun? Want to do something that not only the participants will enjoy, but will also benefit our community? If so, then don't miss out on the annual Run and Walk for the Arts race. Sponsored by Foot Prints: the Newsletter for People Who Make Tracks (published by The Word Express, Ridgecrest, CA), the benefit race will be held Saturday, April 15.

10:30 a.m. Participants must specify whether they will run or walk, and may complete any number of course loops, within the two and a half hour time limit. Awards and door prize drawings begin at 11 a.m. Refreshments will be provided at the finish line.

Age group awards for distance and total dollars pledged/earned will be presented.

People who would like to help the



orchestra earn money, but do not want to participate in the race, can work on the race staff. Just call 375-9866.

Registration forms are now available at The Body Shoppe, the Music Man and the NWC Gym. They may also be requested by mail from Foot Prints, P.O. Box 773, Ridgecrest, CA 93555 or by phone at 375-9866.

# Videoconference...

(Continued from Page 9) and Task Planning: Automating the Decision Process — and Beyond. This will cover examples of various levels of task description that must be made available to a robot; difference between specifications for describing a task and those for carrying it out; detailed examination of a typical and basic problem of motion planning; and various kinds of motion planning, its complexity and practical techniques for implementation.

**Vision: The Challenge of Achieving Human Speed and Competence** will be the subject of Dr. Kanade's talk. The difficulty of three-dimensional perception; the most intriguing achievements in recent computer vision theory; measuring three-dimensional depth by stereo

and range sensors; and illustration of a large robotics vision system will be covered.

There will be a question and answer period at the end of the seminar.

This program is designed for engineers, especially in the quality and cost control fields, corporate executives, scientists, students and others working with robotic systems in both practical applications and research.

Fees are \$3 for IEEE or Computer Society members and \$5 for non-members. NWC employees should submit NAVWPNCEN Form 12410/73 to Code 224 for this seminar.

For more information, contact Ed Brann at 446-7985 or Dave Koelsch at NWC ext. 1974.

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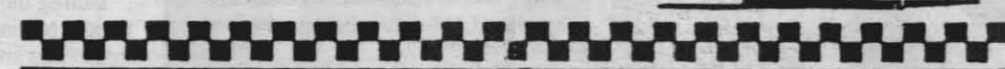
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# CLASSIC PIZZA



AVAILABLE ON OUR WHITE OR WHOLE WHEAT CRUST, HAND-MADE DAILY.

**CHOOSE FROM ITEMS BELOW:**

- Pepperoni
- Salami
- Italian Sausage
- Linguica
- Jalapenos
- Black Olives
- Onions
- Canadian Bacon
- Anchovies
- Tomatoes
- Green Peppers
- Mushrooms
- Pineapple
- Fresh Garlic

**HOURS**  
**MON.-THURS.**  
 3 p.m.-9 p.m.  
**FRI.-SUN.**  
 2 p.m.-9 p.m.

Charges on Additional Items:	.50	.75
<b>PIZZA</b>	13"	15"
	Medium	Large
CHEESE ONLY	5.00	6.25
CHEESE WITH 1 ITEM	5.50	7.00
CHEESE WITH 2 ITEMS	6.00	7.75
CHEESE WITH 3 ITEMS	6.50	8.50
CHEESE WITH 4 ITEMS	7.00	9.25
HAWAIIAN	6.25	8.25
CANADIAN BACON, PINEAPPLE, EXTRA CHEESE		
VEGETARIAN	6.75	9.25
MUSHROOMS, OLIVES, TOMATOES, BELL PEPPERS, ONIONS		
CHEF'S SPECIAL	7.25	9.75
PEPPERONI, CANADIAN BACON, ONION, BELL PEPPERS, LINGUICA, GARLIC		
CLASSIC DELUXE	7.50	10.00
EVERYTHING BUT ANCHOVIES		
<b>SALADS</b>		
DRESSING:		
Blue Cheese, Italian, French		
TOSSED GREEN	1.50	
Mushrooms, Tomatoes & sprinkled with parmesan cheese.		
ITALIAN SALAD	2.25	
With pepperoni, salami, Canadian bacon, & olives.		
<b>GARLIC BREAD</b>		
1/4 LOAF	.75	
1/2 LOAF	1.50	
WHOLE LOAF	2.75	

**375-3100**

819 N. China Lake Blvd - Ridgecrest, CA

## NWC copter crew provides many valuable services

(Continued from Page 1)

Center visitors. "They really go out of their way for our visitors," said Mike Biddlingmeier, Protocol Office. "Helicopter tours are the only practical way to 'see' the big picture at NWC."

Several other ongoing assignments for the NWC copter crew include: supporting the National Resource Management in eagle population and

big horn sheep management; providing a photo platform for Center projects; providing security for ranges; and serving in an operational role the test parachutists' projects.

British Aerospace has been on-center for the past year, working under a United Kingdom/US Government arrangement. BAE is conducting a series of trials for the ALARM (Air-Launched Anti-Radiation

Missile.) The trials are carried out using a Tornado GR MK1 aircraft. The next phase of testing will begin when the Royal Air Force No. 32 Joint Trials Unit begins the United Kingdom evaluation trials at China Lake. For more information about the helicopter crew's operational capabilities, call Lt. John Brookes at NWC ext. 5221.



**MARK OF EXCELLENCE**—Jalene Martin, WACOM president, accepts the Sustained Excellence Award from Burrell Hays, United Way community campaign chairman. WACOM received the award for its contribution to the United Way campaign as a community organization. WACOM's Thrift Shop on Lauritsen Road donated over \$11,000 last year to United Way and Navy Relief.

## Special coupon booklet is at NWC Commissary

April is a super month for heavy-duty savings at the Naval Weapons Center's Commissary with a special coupon event and sale.

As part of the Commissary's "All Aboard for Spring Sale," a colorful 24-page booklet of coupons worth \$18 will be available to customers. The coupons may be redeemed during the entire month of April and may also be used at the Navy Exchange.

The coupon booklets contain over 65 money-saving coupons from 30 major manufacturers.

Navy Commissary customers will receive the booklets as bagstuffers starting the first day of the sale, April 1.

The major categories included in the coupon booklets are coffee, juice, frozen foods, laundry detergents, health and beauty aids, candy, paper products, pet foods and much more. The booklet offers customers additional savings on many everyday necessities because they've already been reduced in price as part of the sale event.

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 Pedicure For Only \$15  
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**BUD EYRE USED CAR LOT**  
 433 N. China Lake Blvd.  
**"THE HOT CORNER"**  
 374-4405

**#1 SALES TEAM:**  
 STEVE HARTWIG  
 DOUG BUTLER  
 RUDY GUZMAN

## Learn the "Bear" facts about:



Learn about pay and allowances, how to stretch a dollar, Navy Relief policies, volunteerism. Have fun and get out of the house while receiving job training, chalking up resume experience. Join the next Navy Relief Course being held the week of May 8.

Joyce Dinnage, director of the Long Beach Auxiliary Navy Relief Society will present this annual course from 9 a.m. to 12 noon, daily, at the local Navy Relief Society Office, 1811 Lauritsen Road.

Free child care will be provided at the Children's Center for those attending and mileage to and from the class will be reimbursed.

The class is open to everyone, military and civilian alike.

To register for the course, simply fill out the form below and send it to: Navy Relief Society, 1811 Lauritsen Road, Ridgecrest, CA 93555.

I will be attending the Navy Relief Course.

Name \_\_\_\_\_

Address \_\_\_\_\_

Phone \_\_\_\_\_

I will need child care for \_\_\_\_\_ pre-school children.

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## Scorpion Under-16 team wins two, loses one during Easter

Over the Easter holidays, the Scorpion Under-16 Soccer Team, a bit rusty from the long winter layoff, managed to post a two win, one loss record in the San Diego Spring Classic.

In the Friday morning's game, the Scorps came up with two quick goals by Brendan Ledden and Clay Wilson to take a 2-0 lead over the Tucson Cosmos. The winter layoff showed its effects, however, with continuous errors in the team's defense. The Cosmos took advantage of these defensive breakdowns and spread three goals throughout the game for a

come-from-behind 3-2 victory. The Cosmos then proceeded to walk through the bracket with a 3-0 win-loss record to qualify for the championship game.

On Friday afternoon, the Scorpions defeated the Tempe Panthers on a goal by Ted Mechtenberg with a score of 1-0. The Scorpions dominated field play throughout the game, but had trouble finding the net. The Panthers failed to make any serious scoring threats.

The wind and rain became important factors for Saturday morning's

game. The Scorpions adjusted well to the conditions and mucked out a 3-1 win over the Bakersfield Warriors on goals by Mike Kinne, Charles Eberhart and Mechtenberg.

This two win, one loss performance by the Under-16 Scorpions resulted in a second place standing in their bracket. Only the first place teams, however, moved on to further games.

The Scorpions will continue spring activities with friendly games and possibly a tournament in the May time frame.

## Intramural softball registration is taking place

Registration is now taking place for Intramural Softball at the Naval Weapons Center. The league is sponsored by the Sports Branch, Morale, Welfare & Recreation Division.

Active duty personnel, active duty dependents (18 years of age and older), retired military and retired military dependents (18 years of age and older) are eligible to play in the Status A Division.

Current Department of Defense (DOD) employees and their depen-

dents 18 years of age and older are eligible to play in the Status B Division.

People not in the two groups mentioned above who would like to play softball this season, should contact the Recreation Department of the City of Ridgecrest. For more information about the city league, call 375-1522.

A minimum of four teams is required to establish the league. All

league play will be round robin style. Play is scheduled to begin the week of April 24. Games will be held Monday through Thursday evenings on Schoeffel Field at 5:30, 7 and 8:30 p.m.

All fees for the league are due and all rosters must be complete by 4:30 p.m. on Tuesday, April 11.

For information about the fees or about the Intramural Softball League, please call the Sports Branch at NWC ext. 2571.

## Softball league draws teams Monday

Team draw for all divisions in the Bobby Sox Softball League will be April 3. According to Bobby Sox officials, this weekend is the last day prospective players can register

before the draw.

The American Girl Division consists of players age 13 to 16. The Bobby Sox Division has players nine to 12 years of age. The Mini Division is

made up of players who are six to eight years old.

For more information on the Bobby Sox Softball League, or to register to play, call 446-3308.

## Betty Miller teaches volleyball for college

Betty Miller, NWC's Wellness Program coordinator, will instruct a variety of late-start volleyball courses this spring. Offered by Cerro Coso Community College, the courses will be held at the Murray Junior High School gymnasium from 7 to 8:30 p.m.

"Intermediate Volleyball" and "Advanced Volleyball" are classes expanding on co-educational volleyball skills. Both classes are nine-weeks and will meet on Tuesdays, beginning April 4.

"Power Volleyball" will concentrate on the refinement of multiple offenses involving the learning of set plays. Advanced

skills are required for this course which will meet on Thursdays, beginning April 6.

People interested in joining these classes can register in the Office of Admissions and Records, Monday through Thursday from 10 a.m. to 1 p.m. and from 4 to 7 p.m., and on Fridays from 10 a.m. to 1 p.m. and from 3 to 4:30 p.m. An enrollment fee of \$5 per unit up to 9 units or a flat fee of \$50 for 10 or more units is required at the time of registration.

For more information on the late-start classes, financial aid, or registration, call the college at 375-5001.

## Flyfishers' Club has DFG speaker for next meeting

Darryl Wong, Bishop office of the Dept. Fish and Game, will be the guest speaker at the Aguabonita Flyfishers' Club's monthly meeting. Instead of the meeting being held at the Kern County Library, the April meeting will be held in the multipurpose room of the Grace Lutheran Church. The public is invited to attend this meeting set for 7:30 p.m. on Tuesday, April 4.

Wong is a biologist and is responsible for all waters and fisheries from Cottonwood Creek north into Mono County and into the backcountry of the Sierra Nevada.

Wong will give a status review of the waters and fishers under his over-

sight, and his expectations for the coming fishing season for Hot Creek, Lake Crowley, Sherwin Lake and the Sierra Nevada backcountry. The backcountry area covered by his office includes nearby areas of interest to local residents such as the Kern Plateau. This area includes the Mulkey and Templeton Meadows areas and the upper reaches of the South Fork of the Kern River.

Wong will also discuss the litigation status on Rush Creek and on the East Walker River and DFG initiatives relating to cattle erosion management on backcountry streams and rivers, particularly in the Templeton Meadows area.



THE GOOD GUYS—The Fairweather family, as seen in "Lily, the Felon's Daughter," includes (seated) Jonas (Joe Law) and Betsy (Jan Hillenbrand). Standing are Lily (Mary Ray), Jonas' and Betsy's adopted daughter, and Compton (Keith Ray), their beloved son. Photo by Barbara Lupei

## Tickets selling out fast for the Randsburg Players' production

"Lily, the Felon's Daughter," is completely sold out for the April 7 and 8 performances, announced the Randsburg Players. "But," they said, "don't despair! There are still tickets available for the April 28 and 29 performances of this fun-filled melodrama."

Because of popular demand, it is

recommended that reservations be made as soon as possible. The \$19

ticket price includes a delicious buffet dinner, coffee or tea and plenty of popcorn to throw at the sinister Craven Sinclair. Be sure to bring a hankie to stifle sobs as poor Lily bravely faces more trials and tribulations than

any young lass should bear.

The historic Randsburg Opera House perfectly suits the 1890's atmosphere, serves imported and domestic beers, fine wines and champagne.

To make reservations, call 375-0304 between 8 a.m. and 5 p.m.

April 15th FEDERAL INCOME TAX DEADLINE

## Barefoot Bar news

### Hours are increased

Hours of operation for the 'Barefoot Bar' at the Commissioned Officers' Mess have been expanded. Beginning next week, the bar will be open Tuesday through Friday.

On Tuesdays and Thursdays, the bar will be open from 4:30 to 10 p.m. and on Wednesdays and Fridays, the bar will be open from 4:30 to 11:30 p.m.



	Max	Min	Gusts
Thurs.	85	44	31 knots
Fri.	77	58	35 knots
Sat.	--	--	35 knots
Sun.	--	--	22 knots
Mon.	78	37	14 knots
Tues.	89	41	28 knots
Wed.	89	63	28 knots

All measurements are made at Armitage Airfield.

## Lady V FASHIONS

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New Selections Weekly!

Open Weekdays 9:30-5:30  
Saturdays 10:00-5:00

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## Community Events

Alpha Alpha Psi is hosting a 50's/60's Sock Hop Dance to benefit the American Cancer Society. The dance will be held from 6 to 10 p.m. on Sunday, April 16, at the Grand Illusion, 1353K Inyokern Rd. and will feature the music of "Just Us." For tickets (\$6/single, \$10/couple), or information, call Holli at 446-6888 or the Grand Illusion at 446-5839.

Tonight, from 6 to 8 p.m., ELKS Club #248 will host a HOB0 dinner for members and guests at the Elks Lodge, 201 E. Church St. A meal of beef stew, beans, cole slaw, cornbread, cobbler and coffee will be served for just \$4 per person.

Ever dream of spending time on a tropical island? Consider trying out for a part in the CLOTA production of the musical with the exotic name, *South Pacific*. Director Nancy Miller Guy will hold auditions April 10, 11, and 12 at 6:30 p.m. at the CLOTA building, 1425 N. Inyo. Prospective natives and sailors should be prepared to sing, dance and read from the script.

During the Festival of the Arts Show, the Desert Art League will have a booth. Miniature paintings painted by Desert Art League members, art magazines and books, and white elephants (used but usable art supplies) will be on sale, plus a raffle or two. This is a major fund raiser for the league and a chance to let the public know about this organization.

The festival will be held on Saturday, April 8, in Mesquite Hall, Desert Empire Fairgrounds. The show, sponsored by the High Desert Council of the Arts, is from 10 a.m. to 6 p.m.

Community Connection for Child Care (CCCC) is sponsoring a workshop on "Kindergarten Readiness." The workshop will be held on Wednesday, April 5, from 7 to 9 p.m. at the CCCC office, 139 W. Panamint, Ridgecrest. Designed for parents, preschool teachers and anyone who has an interest, the workshop will focus on how to tell if a child is ready to enter kindergarten. Guest speaker will be Jean McCammon, a kindergarten teacher at Faller Elementary School.

Botanist Ken Berg of the California Native Plant Society will present a slide presentation, "Protecting California's Endangered Flora," at the Maturango Museum on April 11 at 7:30 p.m. This lecture is co-sponsored by the museum and the Bristlecone Chapter of the California Native Plant Society.

On Tuesday, April 4, at 7:30 p.m., Jeff Johnson will show his slides and talk of his experiences gained during a year in Peshawar, Pakistan at the Maturango Museum.

Only 15 miles from the Kyber Pass and Afghanistan, Johnson and his wife, Roxanne, endured daily bombings and shootings.

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**375-3185 or 375-8809**

THE POLICE EMPLOYEES ASSOCIATION OF RIDGECREST IS PROUD TO SPONSOR THEIR SECOND ANNUAL BENEFIT BASKETBALL GAME WITH THE LOS ANGELES RAIDERS CHARITY BASKETBALL TEAM. PLAYERS ARE: ROD MARTIN, MIKE HAYNES, TODD CHRISTENSEN, LIONEL WASHINGTON, STACY TORAN, STEVE BEUERLEIN, CHRIS BAHR, JAMES LOFTON, TIM BROWN, JERRY ROBINSON, TERRY McDANIELS.

THE GAME TAKES PLACE ON MAY 13th AT 7:00 P.M. OUT AT BURROUGHS HIGH SCHOOL GYMNASIUM.

WE ARE FEATURING A HALF-TIME AUTOGRAPH AND PHOTOGRAPH SESSION, AS WELL AS A RAFFLE OF TEAM NOVELTY ITEMS.

THE POLICE EMPLOYEES ASSOCIATION OF RIDGECREST IS A NON-PROFIT ORGANIZATION SO THEREFORE, THE MONIES RAISED WILL HELP THE D.A.R.E. PROGRAM (DRUG ABUSE RESISTANCE EDUCATION), PROGRAM HERE IN THE RIDGECREST AREA SCHOOLS.

TICKETS TO ATTEND THIS BASKETBALL EVENT ARE ONLY \$8.00 FOR ADULTS AND CHILDREN UNDER 12 ARE ONLY \$4.00.

YOU CAN ALSO SEND YOUR DONATIONS TO: P.E.A.R. 825 N. CHINA LAKE BLVD., RIDGECREST, CA 93555.

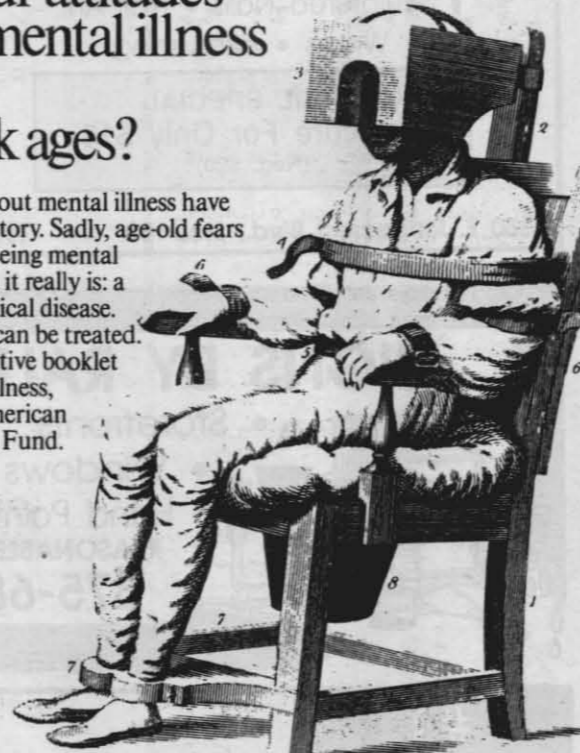
FOR TICKETS TO ATTEND YOU CAN CALL 375-8181 FOR YOUR ADVANCE TICKETS. TICKETS SOLD AT THE DOOR ARE \$10.00 AND CHILDREN ARE \$5.00.

SO PLEASE COME OUT AND SEE THE LOS ANGELES RAIDERS PUT THE PRESSURE ON THE POLICE ASSOCIATION, AND SUPPORT THOSE WHO PROTECT OUR COMMUNITY!

THANK YOU P.E.A.R.  
ALL CHECKS ARE PAYABLE TO THE POLICE EMPLOYEES ASSOCIATION OF RIDGECREST OR P.E.A.R.

## Are your attitudes about mental illness still in the dark ages?

Our notions about mental illness have a long, dark history. Sadly, age-old fears keep us from seeing mental illness for what it really is: a distressing medical disease. A disease that can be treated. For an informative booklet about mental illness, contact the American Mental Health Fund.



Learn to see the sickness.  
**American Mental Health Fund**  
P.O. Box 17700, Washington, DC 20041. Or call toll-free:  
1-800-433-5959