



**SCHEMING** — Elroy Swindle (Hank McGlothlin) tells evil Lucretia Crumwater (Dorothy Saitz) about his plan to take over the Randsburg Railway. They and other characters in the melodrama, "The Cinderella of Prairie Dog Hole" will be seen at a dinner theater presentation at the Commissioned Officers' Mess on Friday, May 15. The \$20 admission per person includes a prime rib dinner with all the trimmings as well as the privilege of booing the villain and cheering the hero (or vice versa). Reservations are mandatory; buy tickets now at the COM Office.

## Fashion shows planned Tuesday

Tuesday will be the day for spring fashions — there will be two presentations of "Safari Connection," the spring fashion show presented by the Women's Auxiliary of the Commissioned Officers' Mess.

WACOM members will be able to see the showing of women's styles for all sizes from petite to the new, exciting full-figure fashions at their regular mid-day meeting. At 7:30 p.m. there will be another show at the Commissioned Officers' Mess for everyone who'd like to attend.

Tickets are \$4 per person. They can be obtained at Buttons & Bows, McNeil's, Main Street, The Fashion Outlet and The Pinafore Shoppe in Ridgecrest, and at the COM Office at NWC.

Stores participating include The Fashion Outlet, J. C. Penney's, Main Street, McNeil's, The Pinafore Shoppe, and Todd's Mountaineer. Sweater fashions from Vincenzina's will also be shown as will custom-created originals by individuals.

Serving as commentator for the evening will be Jan Tsubakihara, with Liz Marquez responsible for the music.

## Ice-age floods lecture topic

Catastrophic floods at the end of the last Ice Age (15,000 to 12,000 years ago) in the Columbia River Basin will be discussed by Don Barr at a free slide and lecture at the Maturango Museum at 7:30 p.m. Tuesday.

These floods occurred at least 40 times in a 2,000-year period when ice dams up to 2,500 feet high broke, releasing vast amounts of water down the canyon of the Clark Fork River and over the Columbia River Basin. Water action scarred and eroded the area extensively.

Barr, a retired geology teacher, was a part-time instructor for the Oregon Museum of Science and Industry and was Director of their Hancock Field Station, where he taught geology and biology

## Swap meet Sat. in plaza area

Tomorrow's the day that buyers and sellers will get together at the big swap meet sponsored by the Recreational Services Department in Bennington Plaza from 8 a.m. to 1 p.m.

Here's the opportunity to pick up a wide range of goods — or, if a seller, to get the garage cleared out and earn some money at the same time.

Sellers will pay only \$2.25 for a 10 x 10 parking space if they are active duty or retired military personnel; \$2.50, other DOD employees; and \$3 for private citizens. Tables can be rented for \$3 each.

Any profits made by the Recreational Services Department will benefit the Youth Activities Branch, making it possible to keep youth program fees minimal.

## Parents to meet

Parents who are concerned about their children having problems with drugs or alcohol are invited to attend a meeting on Tough Love on Monday at 7 p.m. at 314 S. Norma in Ridgecrest.

Guest speaker for this parental support group will be Dennis Perry, a counselor with the Eastern Sierra Counseling Group.

The meeting is free, but donations will be accepted.



	Max	Min	Peak Gust
Fri.	73	33	15 knots
Sat.	72	32	13 knots
Sun.	73	32	19 knots
Mon.	74	31	11 knots
Tues.	80	32	13 knots
Wed.	84	35	9 knots
Thurs.	85	39	-

All measurements are made at Armitage Airfield.



Preparations are underway for the fish fry and dance to be held by the Black Original Social Society (BOSS) tonight at Winston Hall, 1411 N. Downs in Ridgecrest.

The fish fry begins at 5 p.m. Those staying from 9 p.m. to 2 a.m. are asked for a \$2 donation; minors are not allowed after 9 p.m. Fish sandwiches with chips and "flavor your own" trimmings for the sandwiches are \$2 each and beverages of all sorts are on sale.

Donations and profits will go toward the BOSS scholarship fund.

Gift-givers (and who isn't?) are looking forward to the spring show of "Christmas Everyday" that will be held in the Community Room of Desert Counseling Clinic, 814 N. Norma in Ridgecrest, today and tomorrow.

The show will be open from 10 a.m. until 6 p.m. both days. Featured will be gifts for sale that were made by Nancie Loscar, Ann Davis, Linda Parlet, Betty Southerland, Gale Wheeler, Michele Davis, Jan Connelly and guest artists.

Reservations are required by April 8 for the Mongolian Barbeque being held April 10 at the Commissioned Officers' Mess. Cost for this treat is only \$4.45 per ounce; club card holders will only be charged \$4.00 per ounce. For listening pleasure a piano bar will be featured during the dinner hour. Beginning at 8 p.m. until midnight Ted Lemon will provide music for dancing. For more information or to make reservations call the COM at NWC ext. 3105.

Ted Lemon of SOUNDWAVES will be playing tonight at the Chief Petty Officers' Mess.

Madison and Aida will provide soft music in the lounge at the Chief Petty Officers' Mess on Wednesday from 6 until 10 p.m.

Tonight's specials at the Chief Petty Officers' Mess are prime rib and white fish. Dinner is served from 5:30 until 9 p.m. Wednesday's special at the Chief Petty Officers' Mess is steak and crab legs with a trip to the salad bar. Wednesday's dinner hours are from 5:30 until 8 p.m.

UPSTAGE will be playing at the Enlisted Mess tonight and tomorrow night from 9 p.m. until 1 a.m. SOUNDWAVES is scheduled to play at the Enlisted Mess on Wednesday from 8 until 11:30 p.m. Cost is only \$1 each for active duty military personnel and \$2 each for all others.

Tomorrow is the day for all tennis players who want to enjoy themselves to take part in the Fun Mixed-Up Doubles Tournament to be held at the China Lake courts from 10 a.m. to 3 p.m.

Sponsored by the China Lake Tennis Club, the tourney is open to anyone who'd like to play. A \$3 entry fee, payable at the courts, will be used to cover the cost of tennis balls and prizes.

# Calibration Lab able to do very precise work

Departments throughout the Naval Weapons Center have taken advantage of the Reciprocity Calibration System in place at the Center's Calibration Laboratory in the Engineering Department's Metrology Branch.

The ability to calibrate Standard Accelerometers to an accuracy of 0.5 percent and at frequencies ranging from 100 to 1,000 hertz has attracted customers to the Calibration Lab's latest piece of equipment.

NWC is the only Navy facility to have the ability for such precise calibration. Most installations do not have the need for the high degree of accuracy required for test

conditions here, noted Steve Newman of the Metrology Branch.

In addition to calibrating Engineering Department accelerometers, the Calibration Lab has been called on to verify and calibrate standard accelerometers for the Ordnance Systems, Fuze and Sensors and Range Departments at NWC. They have also taken on rush projects for other installations including 100 accelerometers in a short period of time for the Naval Ocean Systems Center in San Diego.

A Hewlett-Packard computer is the key to NWC's unique system. It drives the system with accuracy and speed. It can do

the comparisons necessary in a small fraction of the time needed to accomplish the same task by hand.

Additionally, having this set up at NWC saves the Navy time and money by avoiding the necessity of sending accelerometers back to the manufacturer for calibration on a regular basis.

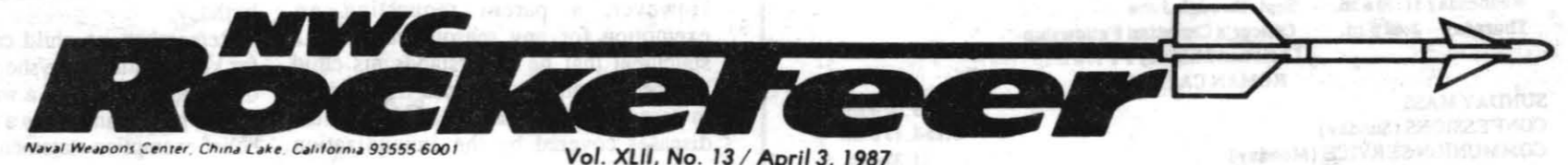
Newman commented they could calibrate four frequencies in 10 hours using the computer compared to about 40 hours for just two frequencies using other methods.

The system is also capable of doing comparison calibration for other accelerometers and cut the time to thirty minutes per accelerometer. The computer

does the testing and makes the calculations, then plots out the frequency curves for comparison purposes.

Newman said it took about two months to work out the reciprocity tables and take care of bugs in the program before the system was ready to go.

The ability to provide rapid response time to NWC organizations has been an important asset to the Center in the past nine months. In the future the Metrology Branch personnel hope to get the system accurate up to 5,000 hertz for important additional capability at the Naval Weapons Center.



# Harrier ballistic vulnerability tested by NWC

Testing of a Naval combat aircraft at the Naval Weapons Center, under the Aircraft Phase of the Joint Live Fire (JLF) program, began with a recently completed test series to determine the ballistic vulnerability of the Marine Corps' AV-8B Harrier aircraft's flight control systems.

Sponsored by the Office of the Secretary of Defense/Director, Defense Test and Evaluation (OSD/DDT&E), JLF is a triservice program conducted under the auspices of the Joint Technical Coordinating Group on Aircraft Survivability (JTCG/AS). The Navy portion of JLF is managed by Tim Horton, Deputy Test Director (USN Systems) and Head, Systems Engineering Branch of the Survivability and Lethality Division, Fuze and Sensors Department.

The aircraft phase of JLF testing is tasked to empirically determine the vulnerability of U.S. front line tactical aircraft and provide insights into design changes necessary to reduce their vulnerability. In addition to determining the vulnerability of U.S. systems, JLF will determine the lethality of U.S. weapons against selected

foreign systems. JLF test results are expected to aid in validating current vulnerability and lethality assessment methodologies and enhance the data base available to support battle damage assessment and repair.

The JLF test philosophy emphasizes testing of realistic threat munitions against full-scale hardware or test articles that can be used to accurately simulate major systems or portions thereof. The aircraft to be tested under JLF include the F/A-18, AV-8B, A-6E/F, F-15, F-16, UH-60 and AH-64. As the Navy's lead laboratory for aircraft survivability, the Naval Weapons Center will conduct most of testing on Navy aircraft.

Flight control systems have historically been a major contributor to aircraft vulnerability and combat losses of both fixed and rotary wing aircraft. The AV-8 is a unique vertical/short take off and landing (V/STOL) aircraft that employs a mixture of two flight control systems. A conventional mechanical flight control system is used for normal forward flight modes. A pneumatic flight control system, referred

to as the Reaction Control System (RCS), provides the aircraft with the hover and V/STOL capability. Both systems interact during various stages of transition from one flight mode to the other. The RCS system is comprised of unconventional components which were of special interest during the test.

An AV-8A and AV-8C (a slightly modified AV-8A) were used as surrogates in the test since AV-8Bs are not yet available to support JLF. The test engineers, John Barnes (Code 3386) and Jay Kovar (Code 3384) noted that they were assisted by McDonnell Douglas Aircraft Co. (manufacturer of the AV-8B) in assessing the differences between the "A" and "B" models. It was determined that no significant differences exist between the flight control systems of the two models and that test results would not be influenced by using either the "A" or "C" model as a surrogate.

Although JLF is chartered to test "full-up" systems, limits on hardware availability demand judicious use of test assets.

This test was intended to ballistically test

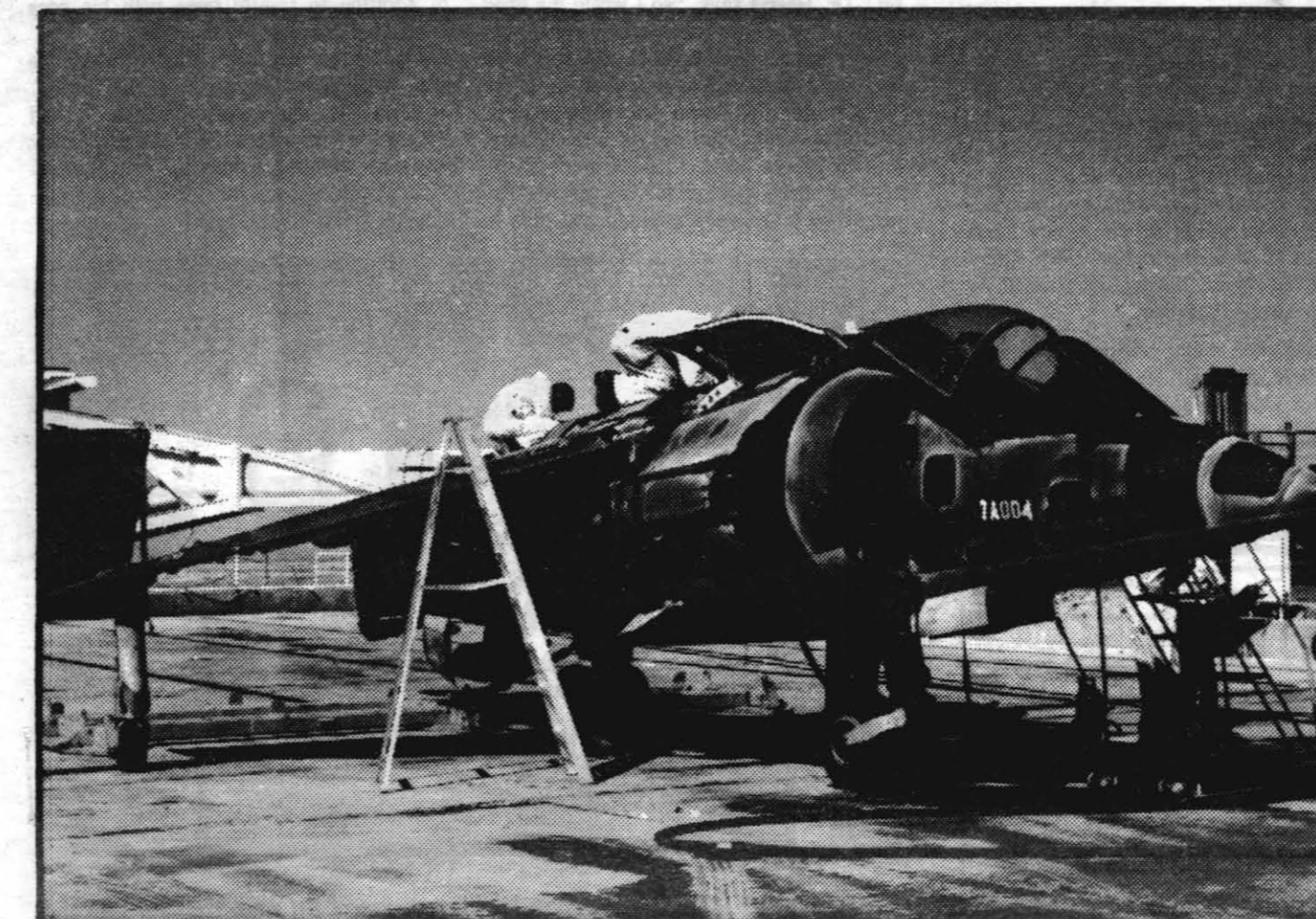
the flight control systems in a full-up and operating configuration but could potentially, and unnecessarily, jeopardize the aircraft's engine (needed for future JLF tests) if installed. This led to a unique test set-up and approach to ensure realism and extended the life of test hardware.

Two AV-8s were set up at the Weapons Survivability Laboratory's test site.

One, without an engine, to serve as the target aircraft and one with an operating engine that served as the "systems aircraft." The systems aircraft, which was remotely operated, provided the necessary engine bleed air flow and attendant operating temperatures, via external plumbing, to operate the target aircraft's RCS system for selected test shots.

The hydraulic systems of the target aircraft were pressurized and operating, as they do in flight, through the use of special ground support equipment. This approach essentially removed the systems support normally provided by the engine and eliminated the need for an engine to be exposed in the target aircraft.

(Continued on Page 4)



**HARRIER TESTS** — Technicians prepare the AV-8A Harrier for Joint Life Fire testing at the Naval Weapons Center's Weapons Survivability Lab earlier this year.

# Bomb threats bring arrest

Michael Steven Jackson, 31, a civilian employee of the Naval Weapons Center, was arraigned Tuesday, March 31, before U. S. Magistrate Louis P. Etcheverry in Bakersfield for conveying a threat to destroy a building by means of explosives.

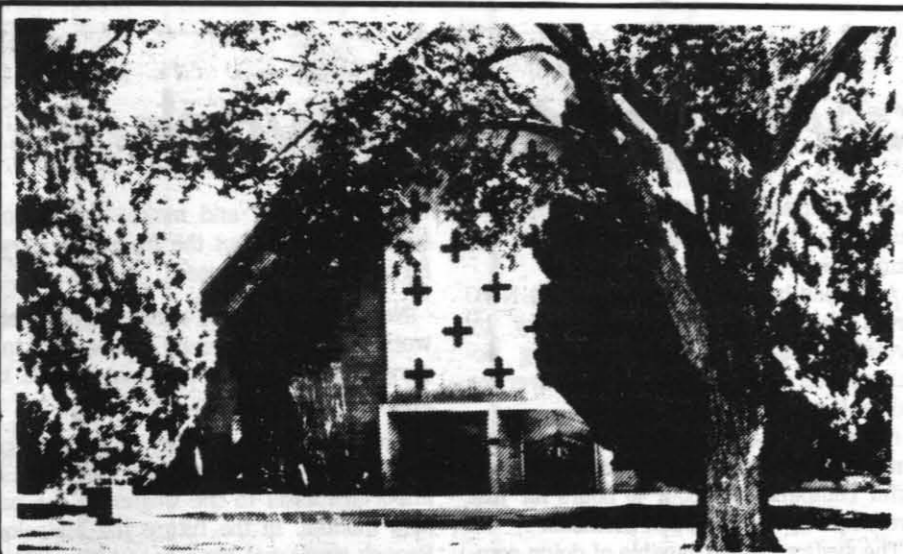
Jackson was released on his own-recognizance and is scheduled to appear before the U. S. Magistrate in Fresno on April 7 for a preliminary hearing.

Conveying a threat to destroy a building by means of explosives is a federal offense carrying a maximum sentence of not more than five years, and fine of not more than \$250,000 or both.

Following an investigation by Special Agents of the Naval Security and Investigative Command, after two bomb threats were received by the China Lake Police Division (the latest on March 24), Jackson was relieved of his duties on March 26.

Jackson, a machined parts inspector at the Naval Weapons Center, has been an employee of the Center since March 12, 1984.





## Divine Services

PROTESTANT

**SUNDAY WORSHIP SERVICE** 10:30 a.m.  
**SUNDAY SCHOOL** (Annexes 1, 2, 4, and the East Wing) 9 a.m.  
**BIBLE STUDY** (East Wing)

Wednesday 11:30 a.m. Sept. through June  
 Thursday 7:00 p.m. Officer's Christian Fellowship  
 Christian Military Fellowship  
**ROMAN CATHOLIC**

**SUNDAY MASS** 9:00 a.m.  
**CONFESSIONS** (Sunday) 8:15-8:45 a.m.  
**COMMUNION SERVICE** (Monday) 11:35 a.m.  
**DAILY MASS** (Tuesday through Friday) 11:35 a.m.  
**CONFESSIONS** (Friday) 4:30-5:00 p.m.  
**RELIGIOUS EDUCATION CLASSES** (Sunday) Sept. to May 10:30 a.m.

**JEWISH**

**WEEKLY SERVICES** (Friday, East Wing) 7:30 p.m.  
**ADULT EDUCATION** (Saturday, Annex 4) 9 a.m.  
**RELIGIOUS SCHOOL** (Sunday, Annex 4) 1 p.m.

Chaplain J. Milton Collins, Capt. CHC USN  
 Chaplain A. J. Smith, Cdr. CHC USN  
 Chaplain C. R. Beede, Lt. jg. CHC USN  
 Hearing impaired equipment available. Nursery available.  
 Phone NWC ext. 3506-2773

## Immunization required by local school district

Students without a written immunization record can no longer register in the Sierra Sands Unified School District. The school district received a directive from the State Department of Health Services stating that parents/guardians who do not have immunization records for their children no longer have the option of simply filling in and signing the California School Immunization Record. They are to be referred to a physician or health department to obtain a written record for presentation at school entry. These regulations apply to all students entering Sierra Sands Unified School District.

Parents may request exemption from the immunization requirement on the grounds that it is contrary to their beliefs. However, a parent requesting an exemption for any reason must sign a statement that he understands his child will be temporarily excluded from school in case of an outbreak of any one of the diseases covered by the immunization requirements.

Parents are being advised to see their private physicians or to call the Kern County Health Department to obtain complete records prior to kindergarten registration which begins next month. The Kern County Health Department holds an immunization clinic the first Monday of each month from 8 to 11:30 a.m. and 1 to 3 p.m. The telephone number is 375-5157.

Immunization requirements are:  
**Polio** - three doses, one more dose if last dose was given before second birthday.  
**DPT** - four doses, one more dose if last dose was given before second birthday.  
**Measles, Rubella, Mumps** - one dose each, with one more dose of any for which the last dose was given before first birthday.  
 Remember, no child can be registered for kindergarten if he/she is not up-to-date on immunization, has a written exemption from a physician, or has a signed personal-belief exemption statement.

## County gives AIDS tests

Kern County Health Department clinics at 1700 Flower Street in Bakersfield and at 250 W. Ridgecrest Boulevard in Ridgecrest provide clinical testing for antibodies to the AIDS virus.

Tests are offered in Ridgecrest on the second Tuesday of each month from 1 to 3 p.m. Anyone who is not able to take advantage of the tests during scheduled hours can phone for an appointment; the Ridgecrest telephone number is 375-5157.  
 Tests in Bakersfield are offered Mondays through Wednesdays from 2:30 to 7:30 p.m. and on Fridays from 8 a.m. to 5 p.m. Tests are free of charge and confidential; no names are taken of those being tested. Tests are interpreted and follow-up and referral provided as needed.

AIDS is a viral disease that impairs the body's self-defense mechanism to fight infection. The breakdown leaves the body vulnerable to attack from infections and diseases that normally do not infect healthy people. Two of these diseases, Kaposi's Sarcoma (a rare form of cancer of the blood vessel walls) and Pneumocystis Carinii pneumonia are the leading causes of death in AIDS patients.

More information about AIDS and the testing program can be obtained by telephoning either the Ridgecrest number of the Kern County Health Department number, (805) 861-3651.

## Leaders in Training wanted

This summer the Recreational Services Department's Youth Activities is again offering its Leader in Training (LIT) Program. Young people aged 12 through 17 (or still in high school) can gain valuable work experience as well as enjoy participating. Applications are available at the Information, Ticket and Tour Office and interviews will be held April 13 through 17 at the Center gymnasium. Interviews are by appointment only.

Further information can be obtained by telephoning NWC ext. 2010.

## Dr. Dan Harris revises college chemistry text

Many college chemistry students have good reason to know of Dr. Dan Harris, a chemist in the Chemistry Division of the Center's Research Department. More than 100 colleges and universities have been using his textbook called "Quantitative Chemical Analysis."

The success of that book is best noted by his publishers, W.H. Freeman Company, having him write the second edition of the 1982 text; the first copies of this second edition (which was begun in 1985) have just rolled off the press and will be in the hands of college students by the spring quarter.

Dr. Harris spent many of his spare hours during the past 18 months on the revision, which is about 10 percent larger than the original book because of new and added material. The crowning agony, he noted, however, was the index, which he and his wife, Sally, spent about two weeks developing from the page proofs.

Both the initial edition of this book and

his other book, "Symmetry and Spectroscopy" (written with Michael D. Bertolucci), grew from class notes developed while teaching, he says. His research advisor suggested that the notes were of sufficient value to be expanded into book form.

The teaching began while he was working on his doctorate in chemistry at the California Institute of Technology — his basic degree having been received from the Massachusetts Institute of Technology, much nearer his home in New York City. Before entering a career as a college professor, however, he spent two years as a postdoctoral fellow at the Albert Einstein College of Medicine in New York, studying metalloproteins; the two he studied carry or store iron in the blood.

Along with doing additional research in that field, he began teaching at the University of California at Davis and then at Franklin and Marshall College.

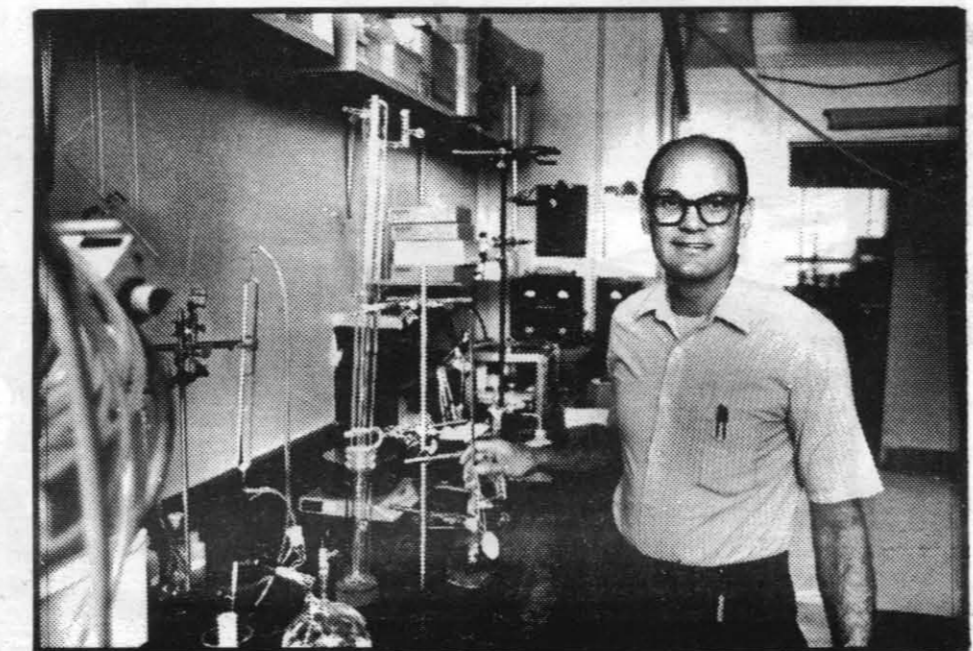
About three years ago he saw an ad for a position at NWC, but had not planned to apply until his research advisor at CalTech sent him a copy of the ad and suggested that he look into the job.

"I was taking a backpacking trip nearby," Dr. Harris says, "so I wrote the head of the Optical and Electronic Materials Branch that I would be in the neighborhood and would like to interview."

"I've been here ever since," Dr. Harris enthuses, "and I find the work fascinating and the people great. I'm able to do basic, open research and publish the results. The people here are very talented and nice to work with."

An added benefit for such a devoted backpacker, hiker and mountaineer is the proximity to the Sierra. Dr. Harris spends lots of time in the mountains with the Boy Scouts — he's scoutmaster of Troop 291 — in addition to family trips with his sons Douglas, 11 and David 13.

And he's been active with the China Lake Mountain Rescue Group. "During the three years that I've worked with them," he noted, "I've been directly involved with the rescue of three people. That's probably the most rewarding experience I've ever had."



LOTS OF EFFORT — Dr. Dan Harris relaxes a bit now that he has the revision of his second text completed.

Are you ready for the inevitable?

## Being prepared can save your life in a quake

Disaster personnel estimate that half the casualties in an earthquake come not from the collapse of a building, but from furniture and other interior items falling or being thrown by the force of the quake. Many of these injuries (or fatalities) can be prevented by care and forethought.

Throughout the house, shelves, bookcases and tall furniture should be attached to the wall. An angle iron is good for doing this.

Heavy items should be stored on low, rather than high, shelves even if the shelves are firmly attached to a wall.

Shelves, dressers, filing cabinets and other heavy items of furniture should be placed in a room in such a way that they will not block the exits should the furniture fall over.

Any heavy wall hangings such as mirrors should be kept on walls that are not directly above seating or above beds.

If a bed is directly under a window, keep a heavy drape or venetian blinds in place whenever anyone is in the bed; windows can break and shards of glass have caused many serious injuries.

Kitchen cupboards should have firm latches so that dishes and other items within the cupboards won't fall out in a quake. If the latches aren't strong, then run a wooden spoon or other restricting device through door handles to hold the doors shut.

Strap water heaters to the wall. If these tip over in a quake, they not only will drain out water that can serve as an excellent emergency water supply, but also can break gas lines or electric lines leading into the heater.

Garage rafters tend to be a general storage area — and items stored on rafters generally fall easily. Don't store heavy items high.

Gas stoves (or other gas appliances) should be attached with an expansion pipe so that the gas pipe won't rupture if the appliance moves in a quake. Fires following a quake can be catastrophic.



## Forethought will prevent injuries, worries

Miscellaneous earthquake preparedness tips include:

Keep at least a half tank of gas in automobiles at all times. In a disaster there will not be any electricity for service stations to pump gas.

Keep a fire extinguisher in both house and car.

Be sure that there's the right kind of wrench to turn off gas mains and that the wrench is kept near the main so that it can be readily found, even in the dark. Be sure that all family members know how to turn the gas off.

Heavy duty shoes need to be available to all family members because following a quake a lot of broken glass will be on the ground. Heavy duty gloves are in order for helping to clear rubble.

An ax can be used to break through jammed doors.

Flashlights are essential, as are extra batteries for these. Keep spare batteries in the refrigerator to keep them fresh.

Long-burning candles and matches are essential for power outages. Put burning candles into some sort of container so they will not be knocked over by aftershocks.

## Quakes not yet predictable

Governor George Deukmejian has declared April Earthquake Preparedness Month for the State of California (April was selected because the catastrophic San Francisco quake occurred on April 18, 1906).

Although seismologists can predict that an area will have an earthquake because they can discover faults and because there are records of previous quakes, exactly when a quake will occur can still not be foretold with any great accuracy.

All that can be foretold is that if an earthquake has occurred in an area before, it is apt to happen again. Some faults have quakes that react to stress at fairly regular intervals, such as the segment of the San Andreas Fault that runs through Parkfield, California. Most earthquakes do not happen with such regularity; seismologists can only say that an area is within a "window" of a quake.

What makes seismologists uncomfortable is that the science is less than 100 years old. Much of this continent was not well settled even a hundred years ago and major quakes could have happened without any record being kept.

Then, too, not all faults can be readily found and mapped. The damaging quake that hit Coalinga several years ago was epicentered on a fault that had been previously unknown.

Throughout the United States very few regions are earthquake free. The most devastating quake series to hit the continental United States since the coming of the white man happened in New Madrid, Missouri, in the winter of 1811-1812 when the course of the Mississippi River was reversed temporarily and the shock was felt as far away as Washington and Quebec. Geologists and historians have estimated that almost a million square miles were affected; the San Francisco quake affected only 56,000 square miles.

In short, regardless of where anyone lives in this country, the chances of being in an earthquake are good. In California and in some other states, the possibility becomes a probability.

It's best to be prepared.

## Family plan essential

If a major earthquake rocks the Indian Wells Valley — and, especially, if the "Big One" predicted for the Los Angeles basin rattles through, families and neighborhoods are going to have to take care of many of their own needs because the police, fire and medical personnel will be too busy to respond to individuals.

Each family should have its own "earthquake plan" tailored to the needs of that family.

Plan what will happen if the earth shakes when the children are at school or at a baby-sitter's. Who will pick them up?

Have a contact point for all family members outside of the area and preferably outside of the state, so that if family members are separated they can check in with this outside person.

Be sure that children carry some form of identification for emergencies and that they have this along at all times.

Check on neighbors. Are they trapped in their dwellings? Or are they injured and need help?

If someone in the neighborhood has a camper or motor home, this might become the neighborhood emergency center.

Plan with neighbors how families can coordinate in a disaster. Neighbors need to help each other because outside assistance will not be available.

Rotate foods stored so that they will always be fresh. Keep a couple of weeks' supply on hand and replace items as they are used.

Keep foods on hand that can be quickly and easily prepared without having to use standard kitchen electric or gas appliances. A barbecue or camp stove would be best for any food items that need to be warmed or cooked.

Canned fruit or vegetable juices stored with food supplies will help stretch available water.

In an emergency, if the power is off, use food from the refrigerator first, then from the freezer (not freezers hold cold for 48 hours) and then the stored food supply.

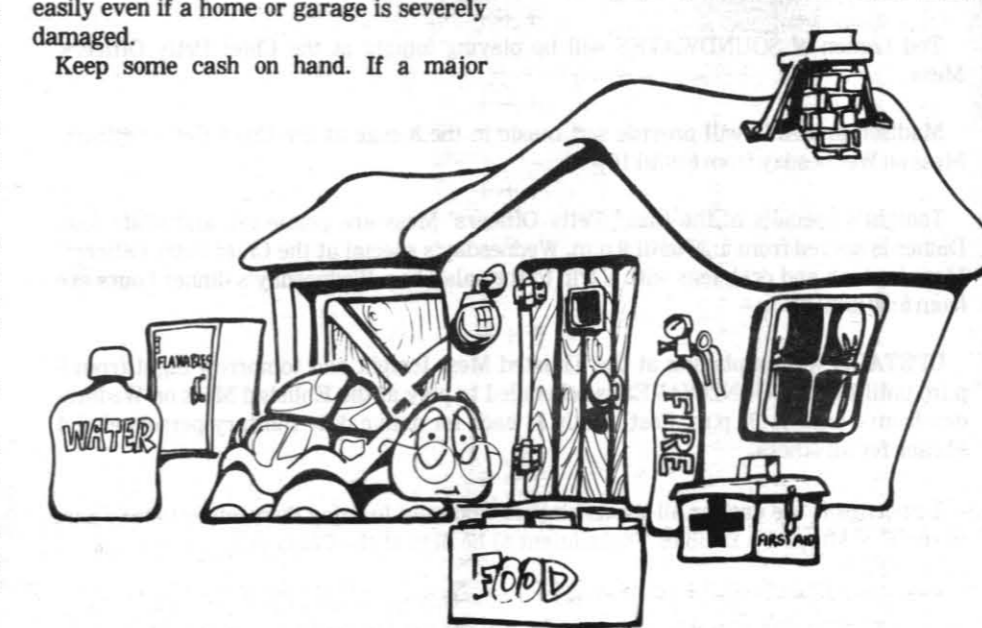
A battery operated radio (plus spare batteries) is needed to get disaster instructions that will be broadcast (car radios will also function).

Campers and backpackers should keep their supplies where they can be reached easily even if a home or garage is severely damaged.

Keep some cash on hand. If a major

quake strikes the southern California area, "plastic money" such as bank cards might not be immediately usable.

Keep extra copies of vital documents (birth certificates, marriage licenses, insurance papers, wills, etc.) in a safe place,



In an earthquake water mains are apt to be broken, wellheads sheared and power lines down so that there would be no electricity for pumping water. Each family must, therefore, have enough water stored for its family members, pets and farm animals. Roughly, a family should store one gallon per person per day.

A good way to store water is in well-rinsed plastic containers (such as the oversized soft drink containers) or in a large plastic container like a well-scrubbed and sealed plastic 55-gallon garbage can. Water should be rotated each 6 months to ensure its freshness.

In an emergency, a water heater can be tapped for additional water (provided, of course, that the water heater had been strapped to the wall or the utility room so that it did not topple and spill). Provided that the toilet tank is kept scrubbed (and that no chemicals have been added there), water from the tank can also be used for emergency water supplies.

Food must also be stored for family use because there is only a two-day supply of food maintained in the Indian Wells Valley. In case of a major earthquake roads will be closed; market trucks will not be able to bring food to the local area.

Families storing food should keep several things in mind.

First, electricity is apt to be off so foods should not require cold storage. Canned or dry goods (like rice) are best.

Foods should also be geared to individual family needs and likes, although a well-rounded diet is especially vital during an emergency.

Rotate foods stored so that they will always be fresh. Keep a couple of weeks' supply on hand and replace items as they are used.

Keep foods on hand that can be quickly and easily prepared without having to use standard kitchen electric or gas appliances. A barbecue or camp stove would be best for any food items that need to be warmed or cooked.

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# 24 soccer teams enjoy busy Saturday of play

With nice weather, NWC's Youth Soccer began their second week of play. Twenty-four teams fought for victory.

**Apollos 1, Owls 0**  
Apollos had a super defense and offense with Matt scoring the only goal. Outstanding players for the Apollos were Rory, Thomas and Steve. Tough defense by the Owls kept their opponents to only one goal. Owls' outstanding players were Philip Borden, Jer-my Weigart, Jeffrey Robbins and Kevin Nowicki, who as goalie, saved three goals in the first half.

**Rowdies 1, Express 0**  
Rowdies edged out the Express by a goal made by Jim Orozco, assisted by Kevin Cornett. Chris Peters was strong offensively while Kate George was the mainstay on defense for the Rowdies. Goalies Aaron Verbeck and Adam Bracky fought hard while Chris Moore literally used his whole body turning back the Rowdies and Justin Weidenkopf played good offense.

**Whitecaps 6, Fury 2**  
Whitecaps had great offense with goals made by Charles Eberhart, Jimmy Ball, Ted Mechtenberg and a "hot trick" by Chris Marshall. Clark Wilson and Ashley Fortune played good defense for the Whitecaps. Aggressive play was shown by Scott Wilson and Eric Haan for the Fury.

**Lancers 1, Stings 1**  
Improved performance was shown by the Lancers in this close match with Aro Haroutian kicking in the lone goal. Michael Frederick knocked in the lone goal for the Stings, Erik Wunderlich did an outstanding job as goalie and Michael Frederick and Luke Woydziak showed excellent control of the ball for the Stings. Akini Garrett and Jason Ford made some impressive blocks against the Lancers.

**Roadrunners 3, Coyotes 0**  
Roadrunners played excellent defense while holding the Coyotes scoreless. Offensive pressure by Nicholas Charlton and Crim Piper helped the Roadrunners to their second victory. Shannon Webb and Billy Barham played a tough defense for the Coyotes with Jarrett Burke playing forward. Robbie Vantine came close to making a goal but couldn't pull it off in the loss.

**Aztecs 6, Timbers 0**  
Great plays by the fullbacks and good team play made this a rather one-sided

game for the Aztecs. Mike Hobson slammed in two goals while Sam Muhn, Neil Covington, Joe Mechtenberg and John Hutmacher each scored a point in the win. Chris Thornberry and David Ebert led the Timbers' offensive effort with Kenney Kirschenman providing the defense.

**Rogues 6, Fury 1**  
In the first half the Rogues scored three goals by David Caraker and one goal by Rigel Frame. In the second half goals were made by Frame and Steven Mills with an assist by Richard Byers. Several shots on goal were stopped by Rogues' Richard Byers. Kelley Richison scored the only goal for the Fury and John Haynes saved several goals as goalie. Good team play prevailed, despite the loss.

**Diplomats 3, Whitecaps 0**  
Both teams fought hard in this game. Butch Boswell knocked in two goals and Jimmy Curtis kicked in the final goal. Ben Lee and Natalie Noel played an excellent game for the Diplomats. Justin Ward and Elliott Borden provided good

moves for the Whitecaps.  
**Sounders 2, Roughnecks 1**  
Beau Arnold turned in two goals for the Sounders. Paul Underwood and Miles Ross played excellent defense and Wally Mercado was outstanding at offense. Haydon Wilson prevented the Roughnecks from scoring more than one point. Jonathan Rae provided the lone goal for the Roughnecks. Erick Strickland and Eric Armstrong performed well defensively and Michael Eberhart and Tiffany Marshall were strong offense in the loss.

**Tornadoes 4, Kicks 3**  
Both teams provided good play in this closely matched game. Phillip Johnson, Joey Ernest, Cash Benton and Todd Redmond each knocked in a goal for the Tornadoes. R. Morin led the Tornadoes in the second half with an excellent kick down the middle of the field. The Kicks had excellent team play with scoring by David Renner, Brad Harper, who was assisted by Mike Ogren, and Jerry Green, who was assisted by Tommy Foisy.

**Eagles 2, Cobras 0**  
With the entire team playing their

positions well, the Eagles were victorious. Nicholas Ford assisted Ryan Topez for a point and kicked in the extra point for the win. Brett Thomsen and Chris Galyard were helped keep the Cobras scoreless. Goalies Chris Canterbury and David McGowen gave it their best to protect the goal, but gave up two points to the Eagles. Andrew Gates moved the ball down the field several times for the Cobras and Jason Vanderslice and Terrance Canterbury provided good play but to no avail.

**Sockers 2, Earthquakes 0**  
Michael Schickman and Philip Nave were able to stop most attempts by the Sockers to score but allowed two to get through. Tony led the Earthquakes with good offensive moves. The Sockers didn't turn in a score sheet.

**Drillers 2, Strikers 2**  
Good moves and fast kicking by Becky Rogers and David Verbeck led the Drillers. Chris Potten and Mark Castillo slashed in the Drillers' two goals. Good hustling was provided by Jeremy Polich. The Strikers didn't turn in a score sheet.



**FAST ACTION** — Saturday's play in the NWC Youth Soccer League included this game with the Road Runners battling the Timbers. Twenty-four teams of youngsters compete in this spring league sponsored by Recreational Services Department's Youth Activities Branch. — Photo by Steve Boster



## Sports

### Coyote Chase set Saturday

Again this year the Associated Students of Cerro Coso Community College are sponsoring the annual Coyote Chase Run. Set for Saturday, April 4, the two-mile race begins promptly at 9 a.m. at the college parking lot. Sign-ups for the event start at 8 a.m. the morning of the race. Winners in each class will receive a t-shirt and place ribbons will be awarded to runners in the top five spots of each class.

For additional information please call Betty Miller, race director, at 375-5001, ext. 353. Also, all participants under 14 years of age not placing will receive competition ribbons. There is a \$2 entry fee for the general public or \$1 for runners 14 and under. The race is free to Cerro Coso Associated Student members.

### Volleyball well underway

In the "A" league for intramural volleyball, two teams still lead with 5-1 records—GBU and the Ball Busters. The Roofing Company holds third place all by itself with a 4-1 record, nudged by Snafu I, Snafu II and the Banzai Bums with 4-2. Heading the "B" league is the Rocketeers, with a clear 6-0 lead. Tagging be-

hind are Catnew and the Aeronettors with 4-1 each, and the Dust Devils and Rec Wreckers with 3-1. Other teams in both leagues aren't doing quite as well. Intramural volleyball matches are played Monday through Thursday at the Center gym, starting at 6 p.m.

### Trout still not biting well

Despite the beautiful sunshine in the Owens Valley last weekend, the wind kept trout fishermen from catching many trout.

Bass anglers up there, however, reported better success. The anglers who really are skilled in catching bass brought back limits of good-sized fish.

At Lake Isabella a few bass were being taken by anglers from boats in deep water. It's still too cold for bass to be caught from the banks. Nightcrawlers or plastic worms seem to be the best way to catch the bass so far.

Best fishing at Isabella was for catfish in the south fork area. Both sides of the south fork were productive for regular cats as well as bullheads. Clams and an-

chovies were the most productive baits. A few catfish were also being caught in the lower river, one of which weighed 12 pounds.

A few trout were caught in the lake, but not many. Best trout fishing has been on the lower river, by anglers who were willing to hike to some of the large, quiet pools. Some anglers were bringing back trout weighing 4 to 5 pounds; best baits are salmon eggs, cheese, and worms.

Anglers willing to do a bit of hiking (and willing also to keep a weather eye out for sudden spring storms) can do well by hiking above the Johnsondale Bridge and fishing up there or by fishing in the Long Valley-Rockhouse Basin district.

### OTHTC race slated April 11

Ridgecrest's Over-The-Hill Track Club will host its only race of the month next Saturday (April 11) with runners able to take their choice of a five or 10 kilometer run. The race will start and finish at the Naval Weapons Center Gym. This is a flat, fast course, considered a

good place to train for the May 3 Inyokern Road Run. Age group awards will be presented. The entry fee is \$2 for OTHTC members and \$3 for non-members. Sign ups start at 8 a.m. and the gun goes off for the start of the event at 9 a.m.



## The Skipper Sez...

**COMMENT**  
**Civilian employee** -- I live on base and I want to commend the China Lake Police Department for the work they are doing. I was able to observe something that happened one Sunday, I believe it was March 1 and the China Lake Police Department responded with professionalism and accuracy. I was also able to observe the disrespect that was shown to them. I feel that the China Lake Police Department is doing a wonderful job; myself and my children feel very safe at night going home. More people should respond positively to the police department and the job they're doing, rather than negatively. We have a very low crime rate here on base; taking into consideration the amount of people that live on the base, we are very fortunate. Thank you.

**QUESTION**  
**Military personnel** - Good afternoon, Captain. I live on-Center and I want to let you know about the coyotes that are visiting our garbage cans at night. Early last summer, there was just one large one; now I've seen as many as seven in a pack. On a full moon night you can see them come through the trees that border the Mirror Lake bed. I don't think they are a serious threat, yet. However, in a rabies epidemic or if the pack gets large enough, they most certainly could be. The thing that bothers me the most is the fact that they have become so accustomed to eating from the garbage cans that they are not as shy of humans as they should be. You can be as close as 20 feet from the garbage and they will still come check it out to see if they can find something to eat. I love the desert wild life, I grew up in the desert, but I don't necessarily like them in my front yard where my small child and Chihuahua play often. I was wondering if you were aware of the situation? I have called the animal control and they said there was nothing they could do about it. I would like to know what, if anything, can be done. Thank you very much.

**ANSWER**  
I understand your concern for coyotes with possible rabies. I, too, was concerned until I discussed this with our base biologist. I hope that my reply below will provide everyone with a better understanding of the situation and that we can all work towards preventing any future problems. Kern County records showed 1974 as the last year a coyote tested positive for rabies. A review of all records since then reveal that only two species, bats and skunks, regularly test positive for rabies. I found it reassuring to see that Kern County, since 1974, has only two records of rabies in domestic animals -- a horse and a house cat. Legal methods of controlling coyotes such as sonic and visual repellents, chemical odor and taste repellents, guard animals, toxicants, hunting, and trapping all have only limited success, are temporary, and can be very expensive. Several years ago we tried to live-trap a coyote loitering at the horse stables. We never did catch it and within a few weeks it was gone. More than likely your problem will also correct itself. In the meantime to discourage the coyotes from coming in at all, area residents should keep their trash tightly covered. Dogs should be confined to yards or leashes, and try to keep cats in the house especially at night. As long as we live adjacent to the desert we will occasionally see coyotes near our housing area. If these preventative measures do not resolve any problems, I will have my staff meet with local county and state wildlife officials to investigate a control program.

All China Laker, 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 assure getting an answer to a question may leave name and address for a direct contact, but this not required otherwise. There is no intent that this column be used to subvert normal established chain of command channels.

## Soviets try to get critical technology

The Soviet Union has a massive, well-executed plan for obtaining critical technologies from Western nations. Each year, thousands of pieces of Western equipment and many tens of thousands of documents — some classified — reach the Soviet Union. Defense officials said this assimilation of Western technology is so broad that the United States and other Western nations are, in effect, subsidizing the Soviet military buildup. Those in the military community who work with sensitive technologies are well aware of the Soviet acquisition threat. The Department of Defense Technology Security Administration is attempting to increase the private sector's awareness of the problem through its outreach program. "It's important that those dealing with sensitive technologies in private industry and academe understand that this loss of technology results directly in a degradation of our national security," said Stephen Bryen, deputy undersecretary of defense for trade security policy. "We want to be sure they understand the Soviet effort, a critical first step in protecting Western technology." In an effort to stem the flow of some technologies to the East, DOD works closely with other federal agencies to keep a close watch on what is being exported. In many cases, these detailed export controls can cause friction between industry and DOD. Bryen said DOD is actively working to speed up the export application review process to alleviate this problem. "But we have to do all that we can to be sure these critical technologies aren't going to be diverted to communist nations for eventual use against the West," he said. Industry briefings have effectively increased public awareness, said Bryen. These briefings, developed by the Industrial and Government Liaison Office of the Technology Security Program, stress: — the importance of the U.S. technological edge to national security; — the Soviet threat to that technological lead; — the government-wide program to counter the threat; and — the need for strong commitment from industry and other publics to restrict the loss of critical technologies. The outreach program extends into the scientific and academic communities. Scientific conferences on missiles, marine



**HAPPY MOMENT** — Gale Poppen, who has just received a Commander's Award for Mission Support, is congratulated by his daughter, Susan, his wife, Carole and (far right), Patty Lawson, Associate for Financial Operations in Central Staff. — Photo by Tim Tyson

## Poppen earns award

Work that Gale Poppen has been doing for many years as project manager for the NWC Military Support Program earned him the Commander's Award for Mission Support. As he made the presentation to Poppen last Monday morning, Capt. John Burt, NWC Commander, commented that "Gale came to attention within a few days of my arrival when a problem arose regarding military support. Gale came back shortly with a well-thought-out response to solve the problem. He's been doing a superb job with the Military Support Program for a long time." The letter accompanying the award noted to Poppen that "Over the years, you have become the one person who had the knowledge of the overall program requirements and analytical ability to develop realistic

alternative strategies and make sound recommendations." Capt. Burt noted that this had become more difficult because of a dramatic decrease in funding. He added that "Because of your fairness and unquestionable ethics, you were able to deal effectively and efficiently with the various Department and Directorate Managers and administer a constrained budget while acknowledging increasing program requirements." Poppen, he noted, has been able to manage the complex program in addition to his excellent management of the Budget Division in Central Staff. Poppen, a supervisory Budget Analyst, holds a bachelor's degree in business administration from San Diego State University. He has been at China Lake since 1960.



## Presents:

Center secretaries — those invaluable assets to any office — have a series of activities scheduled for National Secretaries Week, April 20 through 24. The Corporate Secretaries Board, which planned the ac-

tivities, hope that supervisors will allow their secretaries to attend as many of these events as possible. Beginning the week will be an all hands secretaries' meeting at the Commissioned Officers' Mess on Monday, April 20 at 1 p.m. Featured speaker for that day will be Rita Davenport, a noted television and radio personality and best-selling author, who will speak on "Self Esteem."

On Tuesday Jo Rickey will present "Color Analysis," twice from 9:30 to 11:30 a.m. and from 2:30 to 4:30 p.m. in Room 1000D, the Michelson Laboratory Auditorium so that those unable to make one session may be able to attend the other. Health is the emphasis for Wednesday's session. Marilyn Ball will present "Heart at Work" from 9:30 to 10 a.m. and 2:30 to 3 p.m. Carla McDonough will talk about "Physical Fitness" from 10 to 11:30 a.m. and 3 to 4:30 p.m. The morning session will be held in the Mojave Room of the Commissioned Officers' Mess and the afternoon session in Room 1000D, the Michelson Laboratory Auditorium. Thursday, Dr. Jeff Besser will talk about stress management from 8:30 to 11:30 a.m. and again from 12:30 to 3:30 p.m. in Room 1000D of Michelson Laboratory. The final event of the week will be a Brown Bag networking picnic on the lawn of the Headquarters Building at 11:30 a.m. Adding to the festivities will be music by "Cross Current," a bluegrass band and drinks and dessert will be furnished to all those who attend. Center personnel who live at Lake Isabella and commute will soon be able to join the Vanpool that drives back and forth each day. Anyone wishing further information should telephone Jim at 446-6362, Freddie at NWC ext. 3781 or Charlene at NWC ext. 3276.

technology, space, microelectronics and other military-related subjects are attended routinely by Soviet KGB or military intelligence officers. "We brief participants in these conferences to make them aware that foreign intelligence agents may be present and that sensitive military-related research should not be discussed," said Bryen. DOD spends several billion dollars each year to fund academic research. The Soviets have identified several universities around the world as sources of high-tech information. Bryen said the following technologies are currently at the top of the Soviet's "wish list:" artificial intelligence, robotics, robotic sensors and supercomputers.

### Riders wanted





**TEST AREA** — Two AV-8A Harriers set up to act as surrogates for the AV-8B Harrier are in place at the NWC Weapons Survivability Lab to be used in Joint Live Fire testing.

## Harrier vulnerability . . .

(Continued from Page 1)

The test series was very successful in examining the vulnerability of the flight control systems. Testing with the systems in their as-installed and operating configuration also provided the opportunity to observe and document any secondary effects that might occur.

The extensive aircraft assets and ground support equipment required to support this series of tests were acquired through the combined efforts of Al Wearer (Code 3386) and Matt Mathews (Code 3384). One complete AV-8C and a spare wing was obtained from the storage facilities at Davis-Monthan AFB in Arizona. One near-complete AV-8A and another fuselage hulk was obtained from the Naval Air Rework Facility

at Cherry Point, North Carolina.

In addition to supporting the JLF program, these assets will be used to support the Navy's Aircraft Battle Damage Repair (ABDR) School, which is hosted by Code 338 and co-located with the Weapons Survivability Laboratory. During this test ABDR students had the opportunity, on a trial basis, to assess the post test damage from one shot and then apply an ABDR type repair.

This approach will be applied during future JLF tests, on a non-conflict basis, to enhance the ABDR training and extend the useful life of JLF test assets. This approach provides a unique opportunity for Naval and Marine Corps aircraft maintenance personnel to acquire hands-on experience

repairing realistic battle damage.

The JLF program is scheduled to run at least through FY-91 and represents a significant increase in the facilities workload at the Weapons Survivability Laboratory (Code 3384). This workload is expected to increase further as a result of recent legislation which will require "realistic survivability and lethality testing" prior to proceeding beyond Low Rate Initial Production (LRIP) for certain systems entering production after FY-87.

Current plans to increase the number of Fleet personnel undergoing ABDR training at the facility will also add to the requirement for expanded facilities.

Additional information on this and other JLF testing is available from Code 3386.



Commander of what was then the Naval Ordnance Test Station from September 1957 until he completed his 30 years of Naval Service in June 1961 was Capt. William Wallace Hollister.

He began his Navy career with an appointment to the Naval Academy in 1927 and became an Ensign in 1931. His designation as a Naval Aviator was on April 17, 1933; he remained with Naval Aviation duty for the rest of his career.

Service included time on the USS Saratoga (for which a Center street is named), among other aircraft carriers. He completed a master's degree in aeronautical engineering at the California Institute of Technology in June 1941.

His service during World War II began with patrol Squadron 82, which became Bombing Squadron 125 during the time he commanded it. Other World War II duties were as Officer-in-Charge, Twin-engine Landplane Training Program at DeLand, Florida and a tour as head of the Torpedo-Bomber Design Branch of the Bureau of Aeronautics in Washington.

Before being assigned as Commander, NOTS, he had sea duty in both Atlantic and Pacific Fleets as well as being on the staff of the Postgraduate School and heading Armament Test at NATC, Patuxent River.

Capt. Hollister was an ardent golfer. He is remembered with the Hollister Cup, which is presented annually to the winner of the Hollister Trophy Tournament at the NWC golf course.

## Luncheon set for NWC secretaries

All secretaries are invited to a secretaries ONLY lunch sponsored by the Clubs and CPS Division of the Recreational Services Department on Thursday, April 23, at 11 a.m. at the Commissioned Officers' Mess.

Menu for the day will be either Swiss steak or salad bar for only \$3.25. Included with the lunch will be a free flower for each attendee.

Part of the planned program will be an appearance by Admiral Bird to add even more fun to the event.

Reservations must be made by close of business on Wednesday, April 15. They can be made by telephoning either Phyllis McKinney at NWC ext. 3387 or the COM at NWC ext. 3105.



## China Lake Police Reports

Two backing accidents occurred the same day. In the first, a driver backing his vehicle at Administration Circle struck a parked vehicle, causing minor damage. In the second, a driver in the Public Works Department area of Randsburg Wash backed into the telephone pole, causing minor damage to the vehicle.

While making a routine traffic stop, police discovered that the driver had a suspended driver's license.

When an officer saw an individual he knew to be on the "stop" list, the officer attempted to place him under arrest. The individual fled. A complaint will be filed with the magistrate.

Four juveniles beat up on a fifth in the Capehart B housing area while they were on their way home from school, resulting in a battery complaint being filed.

Several pieces of "found property" were turned in to the police. A handtruck was found by the warehouses, two keys were found in the parking lot of Lauritsen Laboratory, and a key was found on a table in the snack bar at Michelson Laboratory.

Police took a theft report after the victim said that he had left a bracelet behind the counter at the gym and that the bracelet was gone when he returned for it.

One of the two tractors used at Armitage Airfield ran into the corner of Hangar 2, causing minor damage.

A vehicle parked on Essex Circle was struck by an unknown vehicle sometime during a five-day period.

A false fire alarm was set off in Hangar 3. The person setting off the alarm was gone by the time that Fire Division personnel responded.

Officers arrested a resident for an outstanding warrant out of Kern County.

A vehicle struck a telephone junction box in an alleyway off Hussey, causing damage to the junction box. The driver did not make a report, resulting in a hit-and-run accident being listed.

An employee at Warehouse 41 discovered that vandals had cut a hole in the chain link fence by that warehouse.

At Armitage Airfield on Sunday one vehicle pulling out of a parking stall struck another, causing minor damage to both.

On Nimitz Sunday night a driver lost control of a vehicle, which struck a power pole and caused a power outage.

A battery report resulted when in the B Capeharts an argument between a husband and wife turned physical and he grabbed her by the throat.

A youngster in the Site B Capeharts was struck on the head by a rock thrown by an older juvenile, resulting in the filing of a battery report.

Police were called when two juveniles and an adult got into an argument in the Site B Capeharts. Police kept the peace.

A vehicle attempting to make a left turn west of Building 2 struck another vehicle. Moderate damage resulted to the vehicle that was struck.

A leather key case containing six keys was found on Stroop Avenue. The owner can reclaim the case from the China Lake police.



**Daylight Savings Time starts again Sunday, three weeks earlier this year than usual. Remember "spring" forward, "fall" back to allow that extra hour of daylight in the evening during the summer**

# Military spouses get increased job preference

Military spouses seeking jobs at their sponsor's duty stations may now receive job preference for more grade levels.

The Military Family Act of 1985, which gave preference to military spouses in jobs grades GS-8 through GS-15, now includes GS-5 through GS-7 and blue collar jobs at similar levels.

To be eligible for hiring preference, the military spouse must be married to an active duty service member; accompany the sponsor on a permanent change of station move; and be included in the best-qualified group after a competitive screening process.

The applicant should submit proper application forms for job openings at the installation's personnel office; and follow the procedures required by the local

personnel office to apply for spouse preference (requirements may not be the same everywhere).

In addition, there are some difference in rules governing stateside and foreign areas.

In the states, military spouses may request preference when applying for a vacancy by submitting the customary application forms. Some services may also

require a copy of their sponsor's permanent change of station orders. Spouses may exercise preference from 30 days prior to six months after the sponsor's permanent change of station move or until they accept or decline a job based on preference, whichever is earlier.

Overseas, spouses will receive a one-time preference for jobs at the GS-5 through

GS-15 levels if the job is located in the same commuting area as the duty station of the sponsor. To allow administrative processing, applications may be filed 30 days prior to anticipated arrival in the foreign area, although the preference is not applicable until actual arrival.

In all locations, spouse preference will be applied in all DOD components. For example, an Army spouse may apply for preference at an Air Force personnel office and a Navy spouse can apply at an Army personnel office.

To find out about available jobs, application procedures and other special employment programs for family members, check with your installation's civilian personnel office.



## Military News



**PROMOTION PARTY** — Newly promoted Lt. J.g. Marc Myrum in the Center's Public Works Maintenance Control Division was enjoying the fringe benefits of

his promotion when Doris Green and Karen Swingover from Public Works offered their congratulations to the officer.

## Retired Chiefs plan reunion

Only a few days are left to make reservations for the second annual Retired Military Reunion to be held at the Chief Petty Officers' Mess on Saturday, April 11. The event is open to all retired and active duty CPOs, SCPOs, MCPOs and senior NCO's (E7-9) of all services and their guests.

A prime rib dinner with baked potato, shrimp salad, vegetables, rolls and wine will begin the evening's activities. Master of ceremonies for the evening will be A.J. "Gus" Gutusky and the guest speaker will be Ed Donohue.

All who have dress blues are encouraged to wear them, but any semi-formal dress is in order. The \$15 per person charge includes a small corsage for the ladies as well as the dinner.

Reservations are required since the attendance must be limited to 250. They can be made at the CPOM office.

## FRA to elect new officers

Election of branch officers will highlight the monthly meeting of China Lake Branch 95 of the Fleet Reserve Association to be held on Monday. The meeting begins at the Chief Petty Officer's Mess at 7:30 p.m.

Nominees include Robert J. Schwaiger, president; Carl Sanderson, vice president; W. E. (Wally) Baker, secretary/treasurer; and David Moran, David Huntsman, Opel Anders, Verne Tracey, Victor Bizon, Edward Yaw, Arther Trent and Randall Bainbridge for the five vacancies on the board of directors.

Nominations will remain open until the election is held at the meeting, but candidates who will not be present at the meeting must notify the secretary in writing that they will accept the office if elected.

Progress on plans for the south west regional mid-year conference to be hosted by the China Lake and Victor Valley branches will also be reported.

## NEX news

Customers of the Navy Exchange will be able to take advantage of the pre-Easter sale from April 9 through 15. Candy and Easter baskets can be found at the Mini Mart to help out the Easter bunny.

Garden shop supplies include a complete line of fertilizers and planting mixers to ensure that the garden will bloom beautifully. All the NEX can't offer is the work required to put these to use.

A new selection of video movies on sale will be appropriate for the VCRs on sale during the electronic sale now underway. Also on sale are television sets and compact discs.

## Dental insurance starts August 1

New Uniformed Services dependents dental insurance plan for active-duty families begins Aug. 1.

The plan will pay for basic dental services obtained from civilian dentists and dental hygienists.

Most of the premium for this insurance program is paid for by the government. Active-duty service members will pay part of the premium through a small monthly payroll deduction.

The dental program's preventive, diagnostic and emergency benefits include: routine oral exams; teeth cleaning and polishing; fluoride treatment; routine dental X-rays; laboratory exams; emergency minor treatment for pain.

Restorative services will include: fillings; stainless steel crowns for baby teeth; repairs to dentures.

Some examples of dental services which are not covered under the dental plan include: orthodontia (braces), tooth extractions, root canals, porcelain or gold crowns, dentures and dental services for cosmetic purposes.

Active-duty military members themselves are not eligible for benefits under the new civilian dental insurance — only their eligible dependents who live in the 50 states, Puerto Rico or the U.S. Virgin Islands.

At the start of the program, eligible families will be enrolled automatically. Service

members may decline enrollment of their families after the enrollment begins early next month, but they must do so before June 30.

The first premium will be deducted in July for benefits beginning Aug. 1. Only services obtained from civilian dentists on and after Aug. 1 will be paid for by the plan.

Active-duty families who elect not to enroll in the civilian dental program will continue to be eligible for space-available care from military dental facilities.

The contract for the dental plan will be awarded in early April. More details of the plan will be announced at that time.

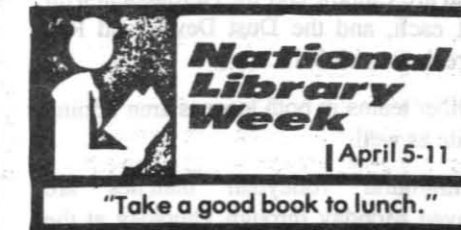
## Sorry — Rocketeer goofed

Apologies go from the Rocketeer staff to AK2 Noel F. Blanco, whose picture was mis-identified in last week's paper.

AK2 Blanco shipped over for another four years. He's now en route to his new

duty station with VAQ-136 at Yokosuka, Japan.

The Rocketeer regrets the error and is sorry for any inconvenience or embarrassment it may have caused.





## Calendar of upcoming acquisition courses for April through August

April 22	STATEMENTS OF WORK FOR R&D 0800-1600, Training Center By: Donnette Cappello, Code 25 Deadline: April 4
April 23	RECOMMENDATIONS FOR LESS THAN FULL & OPEN COMPETITION 0800-1130, Training Center By: Pam Thompson, Helen Cropper, Code 25 Deadline: April 9
April 24	THE NWC PROCUREMENT PROCESS 0800-1130, Training Center By: Helen Cropper, Code 25 Deadline: April 10
May 4-7	CONTRACTING OFFICER'S REPRESENTATIVE TRAINING (COTR) 1300 or May 4 thru 1130 on May 7, Training Center By: Regional Procurement Management Division, San Diego Deadline: April 13
May 13	SOURCE SELECTION 0800-1130, Training Center By: Blaine Williams, Code 25 Deadline: April 24
May 18-22	*SMALL PURCHASES/SCHEDULE CONTRACTS 0800-1600, Training Center By: General Services Administration (GSA) Deadline: April 27
June 1-5	DEFENSE CONTRACT MANAGEMENT FOR TECHNICAL PERSONNEL 0800-1600, Training Center By: Business Management Research Associates Deadline: May 11
June 1-12	*DEFENSE COST & PRICE ANALYSIS 0800-1600, Training Center By: NCPD Deadline: May 11
June 15-19	*DEFENSE NEGOTIATION'S 0800-1600, Training Center By: NCPD Deadline: May 22
June 23 or 24	**FOCAL POINT TRAINING 0800-1130, Training Center By: Linda Watkins, Code 2522 Deadline: June 1
August 10-14	DEFENSE CONTRACT MANAGEMENT FOR TECHNICAL PERSONNEL 0800-1600, Training Center By: Business Management Research Associates Deadline: July 20

\*Scheduled primarily for Code 25, others may attend on space available basis.  
\*\*Intended and strongly recommended for all department focal points.



## Personnel Development Opportunities

### SELF-STUDY

**SUCCESS SELF-PROGRAMMING (EIGHT POWERFUL TECHNIQUES THAT CREATE SUCCESS) (2 hours)**  
Open enrollment, Audio Cassette, Training Center. No enrollment form needed.

In this two-cassette program by Lee Milteer you will learn (1) How to break the mental barriers that limit your growth, (2) How to make fantasies a reality, (3) The simple secrets of self-motivation, perseverance and discipline, (4) How to increase your learning speed, (5) How to tap into the power of your unconscious mind, (6) Daily exercises that incorporate the behaviors of high-achievers, (7) How to break bad habits, and (8) How to develop a new, positive way of thinking, feeling and living.

### GERMAN (65 hours)

Open enrollment, Audio Cassette/Workbook, Training Center. To enroll in this class submit Training Request & Authorization Form (NAVWPNCEN 12410/73) via department channels to Code 094. Students will learn to understand and speak and write German through listening and reading comprehension. Modules are broken down into four parts: Narratives, Vocabulary, Dialogue and Parts of Speech. Subjects covered include: personal concerns, social situations, travel, driving and car maintenance, environment and attitude. In response to both German and English cues students will be able to make inquiries and purchases, make and confirm arrangements, meetings and request information.

## Government Pension Offset explained by SS Office

The "Government Pension Offset" may reduce the amount of your Social Security benefits as a spouse or surviving spouse. This provision does not affect Social Security benefits which you receive on your own Social Security earnings record for retirement or disability. This offset is entirely separate from the "Elimination of Windfall Benefits" which was covered previously.

Under the Government Pension Offset provisions, the amount of your government pension is used to offset the amount you could receive from your spouse's or surviving spouse's benefits. The amount of the offset will depend on when you first become eligible for the pension, not when you actually apply for it.

\*Before July 1983 -- All of your pension will be used for any benefits payable for months before December 1984. Effective with December 1984, the offset amount is two-thirds of your pension.

\*July 1983 or later -- Two-thirds of your pension will be used.

You may be exempt from the pension offset if both of the following conditions are met:

(1) You began to receive or were eligible to receive your Civil Service annuity before December 1982. This means you must have met the age and length-of-service requirements for your pension before December 1982 even though you did not apply for your pension before then.

(2) You meet all requirements for Social Security spouse's or surviving spouse's benefits in effect in January 1977. At that time, a divorced woman's marriage must have lasted at least 20 years rather than 10 years as required today. And a husband or widower must have received at least one-half support from his wife.

Even if you do not meet the above criteria, you still may be exempt from the offset beginning with Social Security benefits payable December 1982 if both of these requirements are met:

(1) You received or were eligible to receive your Civil Service annuity before July 1, 1983, and

(2) You were receiving at least one-half support from your spouse.

This provision applies to men and women.

In addition to the above exemptions, the offset will not apply if:

(1) The government job your Civil Service annuity is based on is covered under Social Security on the last day of employment, or

(2) You are entitled to Social Security benefits as a spouse or surviving spouse based on an application filed before December 1977, or

(3) The Civil Service annuity you are receiving is not based on your own earnings.

### HOW IT WORKS

To get an idea of how this offset works, consider Mary Johnson who has a Civil Service job not covered by Social Security and who will be age 65 in August 1987. She plans to retire then and hopes to get a Civil Service annuity of about \$700 per month. In addition, she is counting on a wife's benefit of roughly \$200 a month on the Social Security record of her husband who plans to retire then; that amount is 50% of the \$400 he expects. He is working for a private employer in work covered by Social Security.

If Mary was at least eligible for her Civil Service annuity before December 1982, she will get the full amount of both benefits. In other words, she met the age and length-of-service requirements before that time but delayed her retirement until 1987.

However, if Mary first became eligible for her Civil Service annuity in December 1982 through June 1983, the offset applies unless she was dependent on her husband for at least one-half of her support. And if Mary is first eligible for the Civil Service annuity in July 1983 or later, the offset applies even if she was dependent.

If Mary is subject to the offset, she will not be eligible for Social Security as a wife on her husband's account, but may still be eligible on her own Social Security account for retirement benefits.

If Mary transfers to and retires under FERS, the offset will not apply as she would have retired from a job covered by Social Security.

If you need more information about the Government Pension Offset, contact the Ridgecrest Social Security Office. The people there will be glad to help you.

By John W. Powers  
Social Security Resident Representative

## Outstanding Professor Award winner, Dr. Iyasere, to teach writing class

Dr. Solomon Iyasere of California State College, Bakersfield, one of the nation's top 50 college professors, will be teaching Report and Technical Writing at NWC this spring. Dr. Iyasere was recently recognized by Change Magazine and the Carnegie Foundation for the Advancement of Teaching Recognition.

Earlier this year he was saluted by the CSB Academic Senate by receiving the annual Outstanding Professor Award. He is in the statewide running for the Trustee Outstanding Professor Award in the California State University System.

A member of the CSB staff for nearly

13 years, Dr. Iyasere is a native of Nigeria. He received bachelor's and master's degrees in English from the University of New York, New Paltz and his Ph.D. in English from the University of New York, Birmingham.

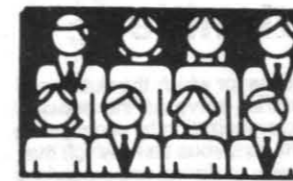
Despite the cash award that goes with the Outstanding Professor designation, Dr. Iyasere says he is most honored by his students who were responsible for nominating him. "My students bring out the best in me and you can't have any outstanding professor without outstanding students.

## CSUN advisor, Dr. Roe, to be on-Center April 14

Dr. Arnold Roe of Cal-State University Northridge (CSUN) will be on-Center April 14 to advise current and prospective students in the external degree programs offered by the school. Dr. Roe is particularly interested in counseling individuals interested in applied mechanics.

CSUN has external degree programs in

electrical engineering, applied mechanics, and mechanical engineering at NWC which lead to a master's degree. CSUN also has an external degree program in electrical engineering which leads to a bachelor's degree. Those who wish to see Dr. Roe are asked to make an appointment by telephoning Cyndi Jones at NWC ext. 2648.



# Personnel News & Notes

No. 90 / April 3, 1987  
Naval Weapons Center, China Lake, California 93555-6001

## Promotional opportunities

Applications for positions listed in this column will be accepted from appointable Department of Navy employees within the area of consideration and from eligible employees of attached activities who are permanently assigned to NWC unless otherwise specified in the ad. Appointable means career or career conditional employees, temporary employees with reinstatement or VRA eligibility and employees serving under Veterans Readjustment Appointments (VRAs). Alternative recruitment sources may also be used in filling these positions: vacancies are subject to restrictions imposed by the DOD Priority Placement Program. Applicants must meet all legal and regulatory requirements including minimum qualification requirements by the closing date. Applicants will be evaluated on the basis of experience, education, training, performance ratings and awards as indicated in the SF-171 along with any tests, medical examinations, performance evaluations, supplemental qualification statements and/or interview that may be necessary. Career ladder promotions are subject to satisfactory performance and cannot be guaranteed. APPLICATION PROCEDURES: Candidates must submit a current SF-171, along with a supplemental qualifications statement (if required), and should submit a copy of their latest Annual Performance Evaluation if relevant to the vacancy. If a supplemental statement is not required, candidates are encouraged to submit additional information which then addresses the specific Knowledge/Skill/Abilities (KSAs) cited in the ad. Write the position title/series/level and announcement number on the SF-171 and all attachments. Be sure that your forms are complete and accurate since you cannot be rated on missing data nor will you be contacted for additional information. Be certain the SF-171 and supplement are dated and have original signatures in ink.

All applications will be retained in the vacancy announcement file; they will not be returned or filed in official personnel folders. Applications and supplements are accepted at the Reception Desk, Room 100, Personnel Department, 505 Blancy. Ads close at 4:30 p.m. on Friday, one week after the announcement, unless otherwise specified. Applications received after 4:30 p.m. on the closing date will not be considered. The Naval Weapons Center is an Equal Opportunity Employer; selections are made without discrimination for any nonmerit reason.

### No. 08-021, Lead Accounting Technician, GS-525-6, Code 08621

- This position is in the Cost Accounting Branch, Accounting Division, Central Staff. Incumbent serves as Lead Accounting Technician in the control and maintenance of Cost Accounting records and subsidiary ledgers for the Commercial Orders Section. Duties include providing on-the-job training to new employees; maintaining a current knowledge of and answering questions of other employees on procedures, policies, and directives used in the section; reviewing incoming purchase orders and amendments for accuracy and completeness; reconciling subsidiary ledger accounts to GLA accounts; auditing computer reports for accuracy; validating costs and accounting transactions; researching aged financial information to clear accounts; and assumption of supervisory duties in the absence of the section head. Incumbent has extensive contact with NWC project, budget, and supply personnel and provides information on various vendor inquiries. Job Relevant Criteria: Knowledge of the Integrated Disbursing and Accounting System and of the Document Entry System; knowledge of NAVCOMPT regulations; ability to lead/supervise

employees; ability to communicate effectively both orally and in writing; ability to interpret and apply a body of regulations and procedures. Promotion potential GS-6.

### No. 08-022, Clerk-Typist, GS-322-3/4, Code 0854

- This position is located in the Travel Branch of the Customer Services Division. The incumbent receives phone calls and answers routine questions; reviews travel orders; verifies entitlements; provides estimates and computes per diem, mileage, and other transportation costs; and performs other related duties. Job Relevant Criteria: Ability to plan, organize and accomplish work independently; ability to research, comprehend and apply travel regulations; ability to perform routine clerical functions; ability to interact tactfully with all levels of NWC personnel. Promotion potential to GS-4.

### No. 08-023, Accounting Technician, GS-525-5/6, Code 08612

- This position is located in the Billing Section of the General Accounting Branch. Incumbent will maintain a Fund Control Ledger using information contained on fund documents and automated reports to

reflect amounts authorized by fund documents, cost incurred and billed against those authorizations and the available balance remaining on the fund source. Incumbent will be assigned a group of sponsors and customer orders as his/her share of the total workload which is occasionally redistributed to assure proper balance. Incumbent will be required to accomplish sponsor billings, perform necessary research to isolate and correct errors, prepare reports, reconcile, resolve problems, and perform other related assignments with the branch. Job Relevant Criteria: Knowledge of Navy Industrial Fund accounting principles; ability to work accurately with figures; ability to work effectively with people. Promotion Potential to GS-6.

### No. 09-004, Computer Clerk/Assistant, GS-335-3/4/5, Code 09803

- The incumbent provides support in the data entry/transactions processing functions. Duties include coding and keying personnel transactions, error checking and correction, and data base maintenance. Job Relevant Criteria: Knowledge of UNIVAC operating systems; knowledge of System 2000 (S2K) retrieval language and updates; knowledge of full range of personnel actions; knowledge of COBOL language; ability to operate a computer terminal. Status eligibles may apply. Promotion potential GS-5.

### No. 09-005, Computer Assistant, GS-335-5, Code 09803

- The incumbent inputs personnel transactions into the automated personnel system, runs programs and checks results to ensure proper systems operations and that output products are correct. Traces and corrects errors. Prepares and modifies runstreams and local system control cards to produce proper file updates and desired outputs. Performs data base maintenance via S2K. Job Relevant Criteria: Knowledge of UNIVAC operating systems; knowledge of System 2000 (S2K) retrieval language and updates; knowledge of full range of personnel actions; knowledge of COBOL language; ability to operate a computer terminal. Promotion potential GS-6.

### No. 22-8713, Marine Equipment Mechanic, NA-8610-8/9/10, \$6.42 per hour, Regular Full-Time, Code

2226 - Incumbent supervises one to three staff members in the accomplishment of maintaining department facilities and equipment; performs routine maintenance and operational checks on camping equipment; maintains and repairs outboard motors and trailers for boats; performs minor carpentry projects, plumbing repairs; repairs and maintains athletic sites and parks; other duties as assigned. Job Relevant Criteria: Knowledge of small engines, small power tools; knowledge of maintenance of outdoor facilities and general woodworking, painting, etc. Ability to lift 100 pounds. Promotion potential NA-10. THIS IS NOT A CIVIL SERVICE POSITION.

No. 24-015, Police Officer, GS-083-6, Code 2412 - This position is that of Property Control Police Officer in the Police Division of the Safety and Security Department. The incumbent will perform duties as a uniformed patrolman in the areas of both crime and traffic control and enforcement; will serve as an armorer for NWC small arms and special weapons; conduct classroom and range instruction in the area of conventional small arms and special weapons; and will serve as range master for pistol and rifle range for both police and military personnel. Job Relevant Criteria: Knowledge of police investigation and regulations; knowledge of conventional small arms and special weapons; skill as an instructor in both the classroom and field environment; skill in supply duties such as cataloging, filing, shipping and receiving, and conducting inventories. Promotion potential to GS-5.

### No. 29-004, Fiscal Accounting Clerk (Typing), GS-503-4, Code 291

- This position is located in the Administrative Division of the Commissary Store. The incumbent will provide administrative services to the Commissary Store Offices and Accounting/Clerical Support to the Commissary Store and the Store Group Offices. Job Relevant Criteria: Knowledge of standard procedures used to process and record transactions and accounting data in a segment of a general fund accounting system; knowledge of government practices and accounting procedures to process, record, research and adjust a wide variety of transactions in cash

Thrift Savings Plan (TSP) enrollment forms have been received and enrollments are being taken at a time and place designated by your department office. If you are unable to enroll in your department, contact your PMA to schedule a time to come into personnel and enroll.

TSP Booklets have been distributed to all employees. If you have not received a copy of this booklet, contact your division office.

Enrollments processed by April 10 will be effective the first pay period in April, which is April 12. Enrollments received on or after April 12 will be effective the beginning of the following pay period. This open season will close on April 30.

Only those employees that want to enroll in the TSP need to complete an enrollment form.

Anyone with any questions regarding the TSP should contact Virginia Spille at NWC ext. 2592.



accounting and supply operations; ability to prepare and maintain accurate reports and records in a timely manner; ability to type and operate basic office machines.

**No. 32-242, Pipefitter, WG-4204-8, Code 32534 - Incumbent is responsible for fabrication, installation, construction and maintenance on processing and support equipment, test equipment and systems for the Ordnance Systems Department. Work is performed in the Salt Wells and China Lake laboratories. Responsible for layout, fabrication, selection of procedures and specific techniques for installing, maintaining and repairing various piping systems and related equipment items used in the areas for processing hazardous materials. Job Relevant Criteria:** Ability to do the work of the position without more than normal supervision; ability to respond to shop manuals, work orders, oral instructions, etc. common to the trade while working on own initiative; ability to determine minor alterations to work plans and prepare shop drawings; ability to layout piping systems, to plan assemblies in relation to walls, obstructions, etc. and to prepare templates; ability to select and use the materials, tools, and equipment used in the trade to do jobs involving close tolerances, and to do work where appearances, pleasing contours, and symmetry are important; ability to locate trouble by detailed inspections and trial runs, to find leaks in pipes, diagnose malfunctions through a knowledge of the relationships of piping systems, and to perform operational testing during installation or maintenance; ability to do the precise, theoretical, and/or artistic work of the trade. Supplemental is required and may be picked up in Room 100, Personnel Bldg., 505 Blandy. Promotion potential to WG-10.

**No. 32-245, Supervisory Interdisciplinary (Mechanical/ Aerospace/General Engineer/Physicist), DP-830/861/801/1310-3/4, Code 3273 - Incumbent serves as Head, Systems Technology Branch. Responsible for management, supervision, and administration of branch involved in exploratory, advanced and engineering development programs. Technical areas include propulsion and thrust vector control systems, vertical launching system and insensitive munitions. Major system support includes Vertical Launch ASROC, Standard Missile Aegis ER and Tomahawk. Job Relevant Criteria:** Ability to manage complex development programs; ability to supervise; ability to communicate both orally and in writing; ability to provide budgeting, scheduling and allocation of branch resources; and willingness to support NWC EEO policies. Promotion potential to DP-4, but no guaranteed, if selection is made at the DP-3 level, supervisory probationary period applies, if not already completed.

**No. 36-030, Equipment Specialist (Missile), DS-1670-3, Code 3661 - This position is located in the Fleet Readiness Branch, Fleet Engineering Division, Engineering Department. The incumbent will provide technical assistance to the Tomahawk Cruise Depot Maintenance Program. Will be responsible for maintenance specifications; review retrofit requirements, test requirements documents, acceptance test procedures, and support/test equipment requirements; determine maintenance workload requirements. Job Relevant Criteria:** Knowledge of missile maintenance requirements and practices; ability to apply

specifications, policies, and instructions; ability to communicate orally; ability to communicate in writing. Will require travel approximately 25% of time.

**No. 36-031, Model Maker, WG-4714-14, Code 3646, (multiple vacancies) - This position is located in the CAM Engineering Branch, Engineering Prototype Division, Engineering Department. The incumbent is responsible for a variety of projects including unique and one-of-a-kind prototype models, usually in close cooperation with a representative of the technical community. The incumbent is responsible for independently planning, laying out, modifying, fabricating, and assembling complete models without detailed instructions. These models are made from a variety of materials and involve several fabrication processes and procedures and require knowledge in more than a single trade. Job Relevant Criteria:** Knowledge of pertinent metals; ability to do the work of the position without more than normal supervision; ability to do the theoretical, precise, and/or artistic work of a trade; ability to use shop drawings (mechanical); ability to use hand tools for Machine Shop; ability to use measuring devices for determining where to cut, how to cut, how to fit, how to mark material, etc.; ability to program and operate numerical control (NC) and computer-numerical-control (CNC) machine tools, and can utilize demand terminals to the UNIVAC computer for part programming and input or output of production control data. Supplemental forms are required. Forms are available at the information desk of the Personnel Building.

**No. 62-022, Electronics Technician, DT-856-2/3, Code 62221 - This position is located in the Supersonic Naval Ordnance Research Track (SNORT) Operations Branch of the Range Department. Duties are performed in support of the Instrumentation Section in meeting all instrumentation needs of the track tests. These duties include preparing instrumentation systems for track use, under direction of and coordination with Code 62221 engineering staff and track customers; operation of local equipment for those systems or transducers requiring calibration, and assistance in preparation of calibration documentation; working with members of the section team and ground station in establishing adequate telemetry and instrumentation systems for sledborne and trackside use. Job Relevant Criteria:** Knowledge of test instrumentation equipment/systems; knowledge of current soldering techniques; ability to interpret electronics block schematic diagrams/mechanical drawings; ability to use electronic test equipment and to maintain electronics hardware; ability to perform sled and test-item wiring installation. Promotion potential to DT-3.



## 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. 61-007, Secretary (Typing), GS-318-4/5, Code 6131 - This position is located in the Tracking and Control Branch, Engineering Support Division of the Aircraft Department. Incumbent provides clerical and administrative support to the head of the Tracking and Control Branch. Word processing skills are preferred. IBM PC/WS2000 training provided. Promotion potential to GS-5.**

## 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. 35-005, Interdisciplinary (Electronics Engineer / Physicist), DP-855/1310-1/2/3, Code 3552 - Incumbent serves as a team member within the Threat Section of the Radar Engineering Branch. Responsibilities will include providing system engineering support to EWTES Threat Radar Systems as well as the design and implementation of radar updates and modifications. The incumbent may also serve as the interface between radar development organizations (contractors and/or other Center organizations) and EWTES to ensure system compatibility with range instrumentation and data systems. To apply submit current SF-171 to Ralph Corbin, Code 3552, NWC ext. 3571/297.**

**No. 35-006, Interdisciplinary (Electronics Engineer / Physicist / Computer Scientist), DP-855/1310/1550-1/2/3, Code 3552 - Incumbent serves as a team member within the Threat Section of the Radar Engineering Branch. Responsibilities will include providing system engineering support to EWTES Threat Radar Systems as well as the design and implementation of radar updates and modifications. The incumbent may also serve as the interface between radar development organizations (contractors and/or other Center organizations) and EWTES to ensure system compatibility with range instrumentation and data systems. To apply submit current SF-171 to Ralph Corbin, Code 3552, NWC ext. 3571/297.**

**No. 36-029, Supervisory Interdisciplinary (General Engineer/Mechanical Engineer / Electronics Engineer / Specifications Writer / Editor), DP-801/830/855/1083-3, Code 3656 - This position is that of Head, Specifications Branch, in the**

Technical Data Division, Engineering Department. The incumbent manages and supervises Specifications Writers/Editors and Editorial Assistants who support all Center programs. Send a current SF-171 to Peggy Ames, Code 36502.

**No. 62-012, Electronics Engineer, DP-855-1/2/3, Code 6256 - The incumbent will support Range radar systems in operations, maintenance, and development. Knowledge of general digital and analog circuits, radar receivers, and transmitters is desirable. Must have knowledge of design and application of interface of equipment to Data General Computers. Instrumentation radar experience desirable. To apply, send an up-dated SF-171 to Glen Bray, Code 6256, NWC ext. 4814 or 5872.**

**No. 62-018, Interdisciplinary Computer Scientist / Electronic Engineer, DP-1550/855-2, Code 6251A - This position is located in the RIPS Program Office, Computer Systems Branch, Data Systems Division, Range Department. The RIPS Program Office is responsible for hardware and software changes/enhancements to the Range Control Center Integrated Processing System (RIPS), a large scale real-time multi-computer system which supports weapons testing on NWC's Northern Range. The incumbent will assist with Configuration Management and Hardware/Software design and analysis to provide system enhancements to meet new requirements. Please send current SF-171 to George Adair, Code 6251A, NWC ext. 5879. Promotion potential to DP-3**

**No. 62-021, Interdisciplinary, General Engineer, Electronics Engineer, Physicist, DP-801/855/1310-2/3, Code 62221 - This**

position is located in the Supersonic Naval Ordnance Research Track (SNORT) Operations Branch of the Range Department. The Branch provides the facilities, personnel, and equipment to operate the Track Ranges. The incumbent will perform as an Instrumentation/Telemetry/Electronic System Engineer in the branch's Instrumentation Section. The incumbent will perform as a team member in the Instrumentation Section's operational activities. The incumbent designs, fabricates, calibrates, and installs telemetry systems to meet customer requirements for sledborne and test item instrumentation. A knowledge of IRIG timing, video and electronic data processing systems is desirable. The incumbent must be able to work with other engineers and technicians as part of the operations team. Please send current SF-171 to Bob Bouse, Code 6222, NWC ext. 4309. Promotion potential to DP-3.

**No. 39-017, Interdisciplinary (Mechanical / General / Aerospace Engineer), DP-830/801/861 - 2/3, Code 3941 - This position is located in the Sensors and Platforms Branch, Electro-Optics Division of the Weapons Department. The incumbent will be part of the Sidewinder AIM-9R Seeker Development team. The task for the team is to design, fabricate and document an electro-optic seeker based on a charge coupled device (CCD) camera. Knowledge of seeker design and testing is desired but not necessary. This is a hands-on-hardware project and requires developing a proficiency in advanced Computer Aided Engineering. To apply for this position send an updated SF-171 to P. Hall, Code 3941, NWC ext. 1297.**

**No. 39-018, Electronics Engineer, DP-855-2/3, Code 3944 - This position is for an Analog Control Engineer**

located in the Air-to-Air Guidance Branch, Code 3944, which is involved in the design, development and testing of the Sidewinder AIM-9R. Applicant should be an EE with experience in analog servo loop circuit design preferable. Incumbent will be developing gimbal control systems and should be self-motivating and enthusiastic. The ability to work in a team environment is important. Please submit an updated SF-171 to G. Jones, Code 3944, NWC ext. 1533.

**No. 39-019, Interdisciplinary, Electronics Engineer/Mechanical Engineer DP-855/830-2/3, Code 3944 - This position is for a Packing Engineer located in the Air-to-Air Guidance Branch, Code 3944, which is involved in design, development and testing of the Sidewinder AIM-9R. Applicant must have some experience in the area of thermo analysis and heat transfer. Experience with electronic packing, preferable in packaging with leadless chip carriers is desired. Person must have the capability to perform interface with the contractor in the area of packaging. Self-motivation, enthusiasm, and ability to work in a team environment is important. Please submit an updated SF-171 to G. Jones, Code 3944, NWC ext. 1533.**

**No. 39-020, Electronics Engineer, DP-855-1/2/3, Code 3944 - This position is located in the Air-to-Air Guidance Branch, Code 3944, which is involved in the design, development and testing of the Sidewinder AIM-9R. Applicant should be an EE with experience in analog/digital and controls design preferable. Incumbent will be working with aircraft/missile interfaces. Self-motivation, enthusiasm, and the ability to work in a team environment is important. Please submit an updated SF-171 to G. Jones, Code 3944, NWC ext. 1533.**

## Tech Advisor wanted by NAVAIR (APC-201)

The Naval Air Systems Command (APC-201) has the program management responsibility for several NWC efforts including the FMU-139/B, the FMU-140/B, the DSU-30B, Advanced Interdiction Weapons System (AIWS), Advanced Bomb Family, MK-80 Series PBXN-109 IHE, BSU-85/B, Inertially Aided Munition (IAM), Laser Guided Training Round (LGTR), CBU-88/B Smokeye, and AGM-123/B Skipper.

We are recruiting for a Tech Advisor to provide the APC-201 Program Coordinator and his deputies with real time technical consultation capability. The applicant must be either a DP-3 or DP-4 and must possess at least a Bachelor of Science Degree in Engineering or the Physical Sciences. The candidate must be experienced in munition research and development and acquisition.

Due to the nature of this position, it is desirable that the candidate have experience in the following areas:

- Development of general purpose bombs, warheads or fuzes.
- Procurement of general purpose bombs, warheads or fuzes.
- Planning and budgeting for development and production programs.
- Preparing correspondence, or briefings of senior civilian and military officials.
- Contact with senior civilian and military officials.

The candidate should have the ability to master complex tasks rapidly and accurately, be a self-starter, seek additional advancement potential. The candidate must possess a SECRET clearance.

Since July 1986, Bob Juarez has been serving in this position. If you have specific technical questions about the assignment, please call Larry Brauer, NWC ext. 7565 who served on the assignment before Bob Juarez and has been a key contact for Bob at China Lake. If you have questions on administrative details, call Nedra at NWC ext. 2434.



This Question and Answer column will be published weekly to answer questions you may have about FERS. Questions should be submitted, in writing, to Code 091.

**I AM TOLD THAT I AM A CSRS OFFSET EMPLOYEE. I WAS HIRED IN JULY 1984. WHY AM I NOT UNDER FERS?**

You must have had more than one year's break in service and as of December 31, 1986 had at least five years of federal civilian service. An employee re-employed after December 31, 1983, with five or more years of CSRS service (including time under the Interim Plan (1984-86) performed before January 1, 1987, and who are covered under Social Security as a result of a break in service exceeding one year are in what is called the CSRS Offset Plan. As a CSRS Offset employee you remain subject to CSRS, but your contributions to CSRS and your benefits from CSRS are reduced by contributions to and benefits from the Social Security System. Anyone subject to the CSRS Offset Plan must (1) contribute to CSRS the normal CSRS contribution, minus the Social Security tax; and (2) is entitled to CSRS benefits reduced by the amount of any Social Security benefit attributable to federal service that is covered by Social Security as a result of the Social Security Amendment of 1983.

**IF I RESIGN AND LEAVE FEDERAL SERVICE, HOW LONG CAN I BE OFF AND BE COVERED BY CSRS WHEN I RETURN TO FEDERAL SERVICE?**

If you leave federal service and return within one year, and you were previously covered under CSRS (without Social Security) you would be covered by CSRS upon re-employment. If you return to federal service with a break in service of more than one year, and you have five or more years under CSRS you would be covered under CSRS Offset Plan. If you return to federal service with a break in service of more than one year, and you have less than five years under CSRS, you would be covered by FERS.

## Recent arrivals and departures

Civil Service		
NAME	Arrivals CODE	TITLE
Oxendine, Marjorie A.	03A3	Secretary (Typing)
King, Laura J.	097	Clerk-Typist
Hagen, Harold E.	26416	Laborer
Savko, Steven G.	26416	Laborer
Trafford, Frank C., Jr.	26446	Electrician
Elliott, Irma R.	3112	Secretary (Typing)
Rosso, Paul G.	3142	Electronics Engineer
Weir, Brian M.	3159	Engineering Aid
Boberg, John L.	3192	Computer Scientist
Wadelin, David L.	62121	Ordnance Equip. Mech. Help.
Departures		
Kardos, Joyce A.	01T3	Secretary (Typing)
Witwer, Priscilla E.	24311	Clerk-Typist
Wilson, Sherri L.	2512	Procurement Assistant
Bowman, Thomas N.	2634	Mechanical Engineer
Howard, Harold K.	3521	Electronics Engineer
Amerault, Paul C.	3681	Quality Assurance Specialist

Non-Appropriated Funds		
NAME	Arrivals CODE	TITLE
Alexander, Leanne L.	2211	Food Service Worker
Edwards, Tabatha A.	2227	Recreation Aid (Youth)
Jefferson, Matthew K.	2213	I.D. Checker
Sipes, Margaret M.	2213	Waiter (Trainee)
Sutliff, Robert C.	2212	Food Service Worker
Thompson, Christie M.	2226	Recreation Aid
Zitko, Venise G.	2211	Food Service Worker
Departures		
Branson, John D.	2226	Recreation Aid
Clarke, Glen F.	2212	Food Service Worker
Knutsen, Heather H.	2227	Recreation Aid
Rowland, Troy D.	2226	Recreation Aid
Savko, Steven G.	22022	Laborer
Tripp, Maria	2212	Waiter
Ulat, Arthur T.	2212	Food Service Worker
Walsh, Paul J.	2225	Motion Picture Projection
Whelan, Christopher A.	2211	Food Service Worker