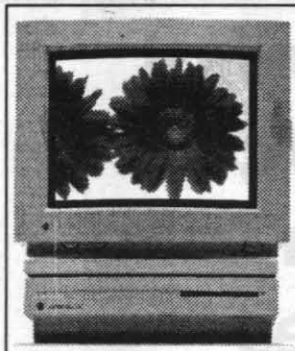


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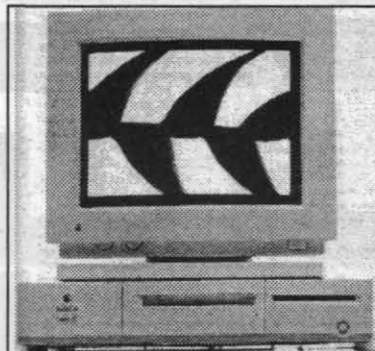
- 25mhz CPU & 32 bit Data Bus
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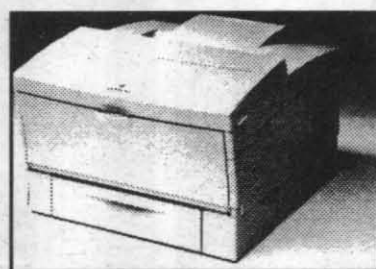
- 68040 Processor @ 20mhz
- Apple 14" Color Monitor
- Apple extended keyboard
- 8 built-in ports for peripherals
- System 7 & Built-In Appletalk



\$2489

Macintosh Centris 610
4mb Ram 80 mb HD

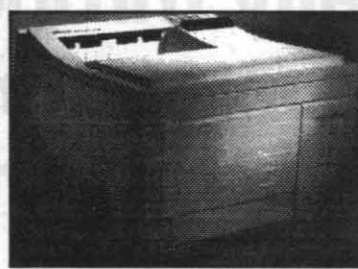
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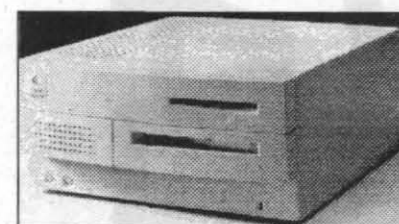
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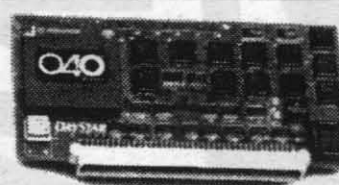
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THE ROCKETEER

THURSDAY, MAY 20, 1993

NAVAL AIR WEAPONS STATION, CHINA LAKE

Vol. 49, No. 10

Archaeologist Bill Eckhardt earns Citation for Excellence from the DoD Cultural Resources Council

By Peggy Shoaf
Staff Writer

Development of a program to protect cultural resources, stewardship over a wide range of prehistoric and historic resources and the ability to integrate cultural resources management with modern military missions recently earned Bill Eckhardt a Citation for Excellence by the Department of Defense Cultural Resources Council.

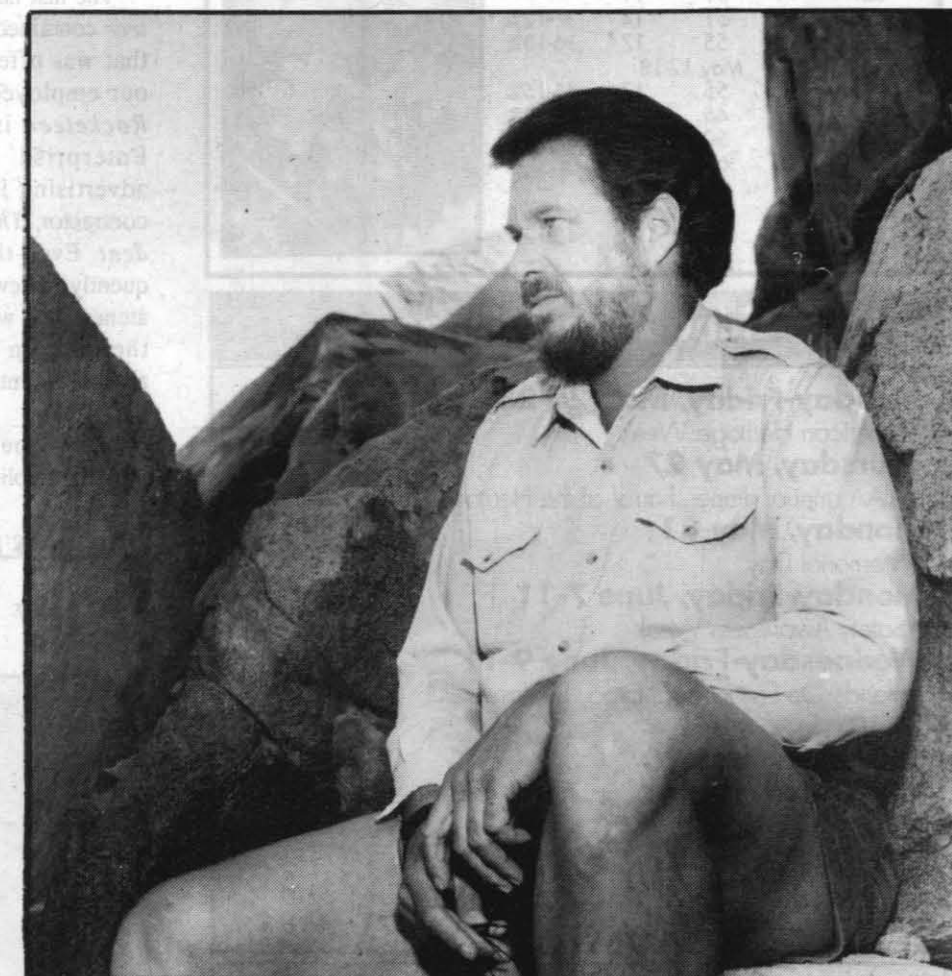
Captain B.J. Craig, Commanding Officer, Naval Air Weapons Station China Lake, presented the citation to the Station's sole archaeologist at a Site Meeting on March 15. "The recognition of China Lake's archaeological assets and your efforts to protect them reflects well on the Naval Air Weapons Station China Lake," the commanding officer said.

The citation, signed by John Bernard Murphy, Ph.D., Department of the Navy Federal Preservation Officer, also credits

Eckhardt with creative coordination with natural resources and other environmental programs and with Maturango Museum and other off-base cultural resource interest groups, and acknowledged his leadership in a Department of Defense Legacy Program Prehistoric Rock Art Project. This project is geared to protect all the petroglyph resources that can be found on DoD land.

In the letter forwarding the citation to Capt. Craig, Murphy wrote, in part "As you know, the Department of the Navy is a large-scale owner of historic buildings, districts, archaeological sites, ships, aircraft and other cultural resources. Protection of these components of the nation's heritage is an essential part of the defense mission; and the Navy is committed to responsible cultural resources stewardship. Please offer my congratulations to Mr. Eckhardt for his excellent approach to stewardship of cultural resources at China Lake."

Please see **ECKHARDT**, Page 8



SOLE ARCHAEOLOGIST at NAWWS China Lake, Bill Eckhardt.

By Terry Pascarella

Co-op student Eun Joo Gray wins DON recognition award

By Peggy Shoaf
Staff Writer

Big surprises can come in little packages, but no one in the Warfare Systems Analysis Division was surprised when Eun Joo Gray won the Department of the Navy Cooperative Education Recognition Award in Science

and Engineering for 1992. The 4-foot-11-inch 20-year-old received her award from the head of the Office of Civilian Personnel Management, Roberta Peters, in a ceremony at Naval Submarine Base San Diego May 4.

The Department of the Navy Cooperative Education Recognition award was established in 1989 as a means to cite students who demonstrate exceptional performance during their enrollment in the program. Out of the two years China Lake has submitted nominations, there have been two winners, both in the science and engineering category. Mark Decker, a physical science co-op working in the Research Department's Chemistry Division, won the 1991 award.

Gray became a team member of the Naval Air Warfare Center Weapons Division as a technical mentor student in 1989, when she was a junior at Burroughs High School. Her mentor was Frank Buffum, a senior analyst in the division. After graduating high school, Gray entered the Cooperative Education Program and continued with her work in computer programming under the guidance of Buffum and Julie Doerr, her immediate supervisor.

After an initial period of learning about computers and how to program problems in the Basic and Pascal languages, Gray began making her own

computer programs, commonly referred to as "models."

One of her first assignments was to program an involved air-to-air infrared detection model, first in Basic and then in Pascal. "There were other people involved in some of this model making," Buffum explained, "but Eun Joo was the one who took that model and translated it to a more useable form. Her version of this model has been used by many of our analysts as a standard tool in their work."

In 1990, Gray was tasked with developing and programming a multi-unit air-to-air engagement model to examine different U.S. systems and tactics in overland operations. "Her model replaced the manual techniques that had been used up to then," Buffum stated, "reflecting back to 1976—the pre-WEPTAC days—when the Cdr. William E. Newman (now Commander of the Naval Air Warfare Center Weapons Division) brought his CVW-11 aircrews over to China Lake to develop coordinated strike tactics with Weapons Planning Group analysts."

Please see **GRAY**, Page 6



Photo by Terry Pascarella

SUPER CO-OP student, Eun Joo Gray, is congratulated by Capt. Douglas W. Cook, NAWCWPN Vice Commander.

'Offensive' ad gets the ax
Public Affairs Officer answers readers' complaints

2

New OPM Director visits

James B. King sees China Lake as leader in employee relations

10

Weather

	Max.	Min.	Gusts	Humidity
Wed	86	44	11	51-13%
Thurs	88	58	27	48-19%
Fri	91	51	28	-
Sat	90	55	12	-
Sun	91	51	11	-
Mon	98	51	14	37-12%
Tues	96	55	17	36-13%
May 12-18				
Wed	85	55	17	45-15%
Thurs	92	45	16	47-12%
Fri	95	50	19	33-13%
Sat	96	63	28	-
Sun	91	62	20	-
Mon	96	63	-	61-20%
Tues	96	69	-	43-12%



China Lake Calendar

Monday-Friday, May 24-28

•American Heritage Week

Thursday, May 27

•AIAA annual dinner, Farris' at the Heritage, 5:30 p.m.

Monday, May 31

•Memorial Day

Monday-Friday, June 7-11

•Safety Awareness Week

Wednesday-Friday, June 9-11

•Hands-On Ergonomics Expo, Seafarer Club, 10 a.m. to 4 p.m.

Thursday, June 10

•NOTS South Picnic, Kit Carson Park, Escondido, Calif.

Coming Events

Friday-Sunday, Nov. 5-7

•50th Anniversary Celebration

THE ROCKETEER

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VICE COMMANDER

Capt. Douglas W. Cook

DEPUTY COMMANDER FOR RESEARCH AND DEVELOPMENT

Sterling Haaland

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Gerald Wroat

NAVAL AIR WEAPONS STATION CHINA LAKE

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Public Affairs Officer

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PEGGY SHOAF

Photographer

TERRY PASCARELLA

Staff

KATHI RAMONT

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Public Affairs responds to readers' ad concerns

By Cathy Partusch
Public Affairs Officer

The last issue of *The Rocketeer* contained an advertisement that was offensive to many of our employees. Because *The Rocketeer* is a Commercial Enterprise Newspaper, all advertising is handled by our contractor, *The Daily Independent*. Even though we do frequently review ads for appropriateness, we were not aware that the copy in question in that advertisement was to run in our publication.

I have personally spoken with the publisher of *The Daily*

Independent, and *The Rocketeer* staff is working closely with the advertising management to ensure such advertising does not appear in our publication in the future. In turn, *The Daily Independent's* management has assured us that they will screen the ads more carefully in the future to avoid a recurrence of this issue.

We very much appreciate hearing from you, our readership, and thank you for offering your concerns. We continue to strive for excellence in this publication and can only do so with a team effort. We welcome your comments at all times.

Station's first environmentalist

Tilly Barling passes away



Mathilda "Tilly" C. Barling, China Lake's pioneer in environmental issues, passed away last Thursday, May 14, at Ridgecrest Community Hospital. She was 77.

Tilly joined the China Lake team in 1966 as a writer, said Bill Davis, head of the Retired Affairs Office at the Naval Air Weapons Station China Lake. Because of her love for the area's flora and fauna, and her desire to protect the area's natural resources, she was later appointed as China Lake's lone environmentalist, though she preferred to be known as a conservationist.

As head of the former Natural Resources Management Office, currently the Environmental Office, Barling created the Natural Resources Management Program now in effect at the NAWS China Lake. For her efforts in protecting the Navy's natural and cultural resources, she received the Navy Meritorious Civilian Service Award in 1976 and the Navy Natural Resources Conservation Award in 1980.

"She was a real China Laker," stated Carolyn Shepherd, a former co-worker. "She was the toughest old gal I ever ran across."

Barling retired from civil service in 1988.

Barling was also a pioneer in development of the Saluki hound breed west of the Mississippi. In lieu of flowers, the family has requested memorial donations be made in her name to the Saluki Rescue Fund, c/o Maruta Hiegel, 910 River Drive, Norco, CA 91760.

She is survived by her husband, Robert Barling of Ridgecrest, and daughter, Bette D. Reeder, of Vista, Calif. A memorial service was held in her honor last Monday, May 17, at the All Faith Chapel. Pastor Gerald L. Goodman of the First Baptist Church officiated.

Announcement insert delayed

The inclusion of the new eight-page "Announcements" insert that was announced in the last issue of *The Rocketeer* has been delayed. The earliest this new feature will appear is the issue of June 3.

In the meantime, notices for this section should still be sent, via Quickmail, to Kathi Ramont or Steve Boster at Zone CL 01/02, Mail Center CL_08_81_MC. Employees who don't have QuickMail may send the announcements to Barry McDonald at *The Rocketeer* via guardmail or FAX, 939-2796. The deadline for announcements is the Wednesday of the week prior to publication of *The Rocketeer*. The China Lake paper publishes on Thursdays of payday weeks only.

Pages From The Past

May 20 & 27, 1983

Captain Ken Dickerson, NWC Commander designate, paid his first visit to the Center. . . Pete Medina is the new Hispanic Employment Program Manager at China Lake. . . John Morrow of the Fuze and Sensors Department was named EEO Supervisor of the Year. . . PR2 Lisa Arsenault Kolb is one of three female test parachutists assigned to the Aerosystems Department. . . More than 700 applicants are seeking 200 NWC summer jobs.

May 18 & 25, 1973

California Lt. Governor Ed Reinecke invited Dr. Carl Austin of NWC to be part of a group meeting to discuss the state's energy crisis. . . VAdm. Kent Lee, prospective commander of the Naval Air Systems Command, visited China Lake last week. . . RAdm. Paul E. Pugh will relieve RAdm. Henry Suerstedt as NWC Command at a ceremony on May 30. . . Dr. Walt LaBerge presented the first ever Technical Director's Award to Roland Baker.

May 17 & 24, 1963

New rate badges are the order of the day for 110 enlisted members at NOTS and NAF. . . Capt. R.A. Davidson, Public Works officer, was feted by China Laker as he left NOTS. . . Bill Valenteen is the new Commander, John Armitage Post, American Legion. . . The Explosives Applications Branch is using old 16-inch Navy guns for ordnance research. . . A \$6.9 million school bond issue passed by a 3-1 margin. . . Bob Kochman won the VAdm. Stroop Golf Tourney with a round of 65.

May 20 & 27, 1953

George Schimmel won the 1953 Fiesta top prize. . . The NOTS Rockets lost their baseball contest to Point Mugu this week. . . Robert Weinland, student body president, will represent Burroughs High School at American Legion Boy's State. . . Actor Pat O'Brien was master of ceremonies for the midjet baseball opening day. . . Capt. Connolly, experimental officer, opened the Satellite Lake golf tourney at NOTS. . . Marie Peck is the new president of the China Lake DAV Auxiliary.

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PageMaker 4.0	IBM 3.5	Aldus	1699-272	\$468.00
PageMaker 4.0	IBM 5.25	Aldus	1659-006	\$468.00
PageMaker 4.0	IBM 5.25HD	Aldus	1634-007	\$468.00
PageMaker 4.0	Mac	Aldus	1634-396	\$460.00
Persuasion 2.0	Mac	Aldus	1634-726	\$295.00
SuperPaint	Mac	Aldus	1634-072	\$119.00
S.A.M. Antivirus	Mac	Symantec	1634-575	\$59.00
S.U.M.II	MAC	Symantec	1634-607	\$92.00
Think Pascal	Mac	Symantec	1634-763	\$154.00
Versaterm Pro	Mac	Synergy	1632-017	\$159.00
Microsoft Office	Mac	Microsoft	1699-107	\$437.00
Microsoft Word 5.1	Mac	Microsoft	1635-278	\$278.00
Microsoft Powerpoint 3.0	Mac	Microsoft	1635-460	\$308.00

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COMMUNITY EVENTS

On Thursday, May 20, Teri and Paul Nelson will present a Kindergarten Readiness Workshop at the Community Connection for Child Care, 237 W. Ridgecrest Blvd., Suite D, from 6:30 to 8:30 p.m. To register, call Community Connection at 375-3234.

####

On Friday, May 21, the City of Ridgecrest and The Family Connection will sponsor a "Family Country Hoe-down" at Kerr McGee Center. This family event will sponsor a variety of activities, including instructions in the Two-Step, Country Line Dance, the Barn Dance and the Three-Step. Cost is only \$5 per family. Children 17 years of age and under must be accompanied by a parent or responsible adult.

####

On May 21 and 22 the Cerro Coso Opera Laboratory will present its performances of the famous opera "The Merry Widow" in the College Lecture Center. Curtain time is 7:30 p.m. and all performances are free to the public.

####

Once again the Eastern High Sierra will play host to the world's largest mule exhibition when Mule Days tries to outdo itself Memorial Day weekend in Bishop. Due to the number of entries and participants in Mule Days, the program has expanded to include events on Thursday, May 27. The mule and horse auction will take place Friday afternoon. During the action-packed weekend, visitors will be able to view or participate in a non-motorized parade; mule and chariot races; driving, roping and packing events; dances, barbecues and an arts and crafts show.

####

May 25 to 27, the Community Light Opera and Theatre Association will hold its auditions for "The Fantasticks." Try-outs begin at 6:30 each evening in the CLOTA building in Ridgecrest, 1425 N. Inyo. This musical comedy features roles for eight colorful characters, ranging in age from the 20s through the 70s. Performances are set for late July. Reno Venturi is the producer, and Janis Jamiison is the director.

Bakersfield to host Wine Fest 1993 and Dinosaur Invasion!

Wine Fest 1993 combines fine wine, food, and silent auction items with the robotic dinosaurs of Dinosaur Invasion! on Friday, May 21. The evening begins at 7 p.m. in the Kern County Museum's Transportation Courtyard.

Wineries represented will be Long Vineyards, Vichon Winery, Giumarra Vineyards, Hart Winery, Lockwood, and The Hop Kiln Winery.

Tickets, at \$30 per person, are available from Kern County Museum Foundation members and from the Kern County Museum, 3801 Chester Avenue, Bakersfield.

The dinosaurs will be extinct again in Kern County after May 31, when the nine robotic dinosaurs of the Dinosaur Invasion! exhibit move on from the Kern County Museum.

Exhibit hours are Monday, Tuesday and Wednesday from 1 to 5 p.m.; Thursday and Friday 1 to 8 p.m. and Saturday and Sunday 9 a.m. to 6 p.m.

Ticket prices are \$6 for adults, \$5 for seniors over 60 and students 13 to 17, and \$4 for children 3 to 12. Children must be accompanied by an adult, and ticket prices cover a visit to the entire sixteen acre museum facility.

Kernville's Whitewater Wednesday Rafting Jamboree is set for June 16

On June 16, the annual Whitewater Wednesday Rafting Jamboree will be held in Kernville on the "Wild & Scenic" Kern River.

On this day only, the Kernville Chamber of Commerce, along with the commercial rafting companies operating on the Kern, will provide guides and equipment to run one-hour raft trips on the Kern River (Lickety Splits) for only \$17.50 per person. Age limit is eight years old. One does not need to know how to swim. All proceeds will go to the

Kernville Chamber of Commerce to help fund needy community projects.

Trips will start at 9 a.m. and run throughout the day. Free hamburgers will be furnished by Burger King (Lake Isabella), drinks by Pepsi, chips by Frito-Lay and ice cream from Cheryl's Diner, Francine's Family Restaurant and Nelda's (local Kern Valley restaurants), will be waiting at the end of the run.

For reservations, call the Kernville Chamber, 619-376-2629 or 619-376-4371.

MILITARY NEWS



Photo by Terry Pascarella

CONGRATULATIONS are offered to current members of China Lake's Explosive Ordnance Disposal Detachment by Capt. B.J. Craig, NAWS CO, as Cdr. Alfred Briggs, unit commander, Cdr. Warren Seal, Weapons Department head, and Lt. Gary McClelland, detachment officer-in-charge, look on.

EOD Detachment receives Battle E and Meritorious Unit Commendation kudos

By Peggy Shoaf
Staff Writer

For the second time in its history, Mobile Unit Three Explosive Ordnance Disposal Detachment China Lake has earned the Battle Efficiency E Award and Meritorious Unit Commendation. The awards were presented to the detachment May 5 by Cdr. Alfred Briggs, the unit commander and the detachment's former officer in charge.

"This detachment is, to the best of my knowledge, the most individually recognized detachment in Explosive Ordnance Disposal Group One, and, for that matter, in the entire Navy EOD community," the commander told the detachment. "Your performance from 1 January 1991 to 31 December 1992 attributed significantly to the award of the Battle Efficiency E to my Command, EOD Mobile Unit Three, for that competitive period."

Cdr. Briggs then read a message from Commodore Shick, "...Competition within EOD Group One was closely contested, with the margin between the winners and the runner up extremely small. All units presented outstanding records of achievement and truly superb performance during the competitive period. All hands should be justly proud of their accomplishments and contributions."

The Battle E is an efficiency award for having the capabilities for not only doing your job, but exceeding those job requirements, stated Lt. Gary McClelland, officer-in-charge of the detachment.

EOD detachments go through Inspector General Please see **EOD**, Page 5

New command master chief, STGCM Anderson, is on the job

By Barry McDonald
Editor

If he had his way, "they'd have to pry me away from my desk and put me in a box to get me out of here," said Naval Air Weapons Station China Lake's new command master chief. STGCM (AW) George "Andy" Anderson, who arrived aboard Station May 3, was discussing the likelihood of his retirement in 18 months. "With my reserve time, I already have over 30 years...In these times, I doubt they're going to let me hang around after 30 years of active duty."

The master chief sonar technician came to China Lake from *USS Nimitz*, where he was deployed with

said STGCM Anderson. "I may change some things to the way I'm familiar with doing them, but in general I don't see anything major that needs changing. I'm here to take care of the troops and that's what I intend to do. And I plan to make myself very visible at the airfield."

Anderson originally enlisted in the Navy in August 1960, after graduating from high school in Forest Grove, Ore. He made first class by the end of that first nine-year stint with the Navy and was deployed on five different ships, including *USS Halsey Powell* and *USS Phillip*, aboard which he made a total of five cruises to Viet Nam from 1963 to 1967—the last of which saw him left behind "in country" by Phillip.

"I was probably one the last people to be shanghaied," he said with good humor. He explained that he put in for 90 days TAD in country to temporarily fill the staff fire controlman position with River Division 252. Sometime after the 90 days, Phillip sailed without him. "I found my gear on the dock in a wooden crate with my 'permanent' in-country orders stapled to it."

Another memorable assignment from his early career was a 1962 cruise aboard *Halsey Powell*, patrolling the restricted area around Christmas Island during the last 19 atmospheric nuclear tests to be conducted. He has suffered no ill effects from that assignment. "My name's on a list, and every five years they send me a list of questions about symptoms, and so far, I don't have any," he said.

He separated from the Navy in October 1969 and went to school for a couple of years and then worked as a defense contractor before reenlisting in 1974. His first duty was aboard *USS Esteem*, which at the time was homeported at Pearl Harbor, but was reassigned to Seat-

tle in November 1975. Six months later he went to Fleet Anti-Submarine Warfare Training Center, San Diego, for nine months advanced sonar training, before returning to Pearl Harbor to join *USS Rathburne*.

"I'm married to a wonderful woman," he said. "Those three moves—Hawaii to Seattle to San Diego back to Hawaii—in the first 18 months were a true test, and she's stayed with me after all these years and all she's had to put up with."

From 1980 to 1984, Anderson served as a company commander at Recruit Training Center, San Diego, where he made chief. He transferred to Naval Base Charleston, N.C. in January 1984 and commissioned *USS Nicholas* that March. He also made senior chief in 1984, then served as lead sonar technician on *Nicholas*, and later, as command senior chief.

Then it was back to RTC San Diego as a company commander in 1987. He was promoted to master chief in 1988 and joined the 147 at Lemoore in 1990.

The CMC's "wonderful" wife, Jean, and sons Michael, 14, and Kevin, 12, are still in Lemoore, but will be joining him after school lets out for summer. The family enjoys outdoor activities, and he said he expects they'll get a lot of opportunity to take advantage of the recreational areas in the Eastern Sierra.

His boys are involved in Boy Scouts and he expects to continue his involvement with that organization here. But more than that, he wants to see what he can do to create more activities for military dependent children during the summer break. He attended the community forum on gangs May 5 and learned that "there isn't a lot for the kids to do. That will be one of my main priorities," he said.



STG CM (AW) Andy Anderson

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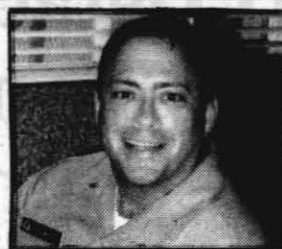
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Chapel Call

By LCDR. T.F.Mele, CHC, USN
Command Chaplain



For heaven's sake, don't act Christlike

I would not recommend Christlike behavior for anyone. Jesuslike behavior, certainly, but not Christlike. Let me explain.

The term "Christlike behavior" has come to mean being Godlike — in other words, consistent, without flaw and utterly beyond the feeling level. The only problem with that is we are human beings. We are not, nor are we expected to be, perfect.

Some people try, though. They strive to be "other Christs" or to "behave in a Christlike manner." So, when they inevitably fall flat on their faces or have a moral lapse or lose their temper, they begin the process of self-recrimination and self-hatred.

The funny thing is that Jesus did not behave in a Christlike fashion, at least according to the above understanding of the term. That is one of the reasons why he is so attractive to us. We can relate to him. Jesus cried at the death of Lazarus, got angry at the Pharisees, totally lost his temper with the money changers in the Temple, got depressed at the failure of the Jews to recognize God's plan, and even questioned God's will by asking, "My God, my God, why have you forsaken me?"

By focusing on the Jesus of the Gospels, we can get the courage to accept ourselves as we are. We can strip away illusions of ever being Godlike. It is hard enough trying to be a decent human being.

According to Dr. Theodore Rubin, there are lots of illusions that we have about ourselves. Besides the one about being Christlike, we also have grandiose illusions involving mastery, perfection, bravery, courage, omniscience, omnipotence, great virtuosity and invincibility. In addition, we aggrandize ourselves through illusions of being martyred, benevolent, abused, self-sacrificing, pure, saintly, understanding, all-loving, all-caring, being the eternal nice

guy, entirely free of jealousy, hypocrisy, envy, duplicity, possessiveness and dishonesty.

All these illusions are, of course, self-defeating. They contribute to alienation from ourselves as we actually are.

We all seem to have our own list of illusions. Dr. Albert Ellis has some great ones. Here are a few of my favorite from him:

1. It is a dire necessity for an adult human being to be loved or approved of by virtually every other significant person in his or her community.

2. One should be thoroughly competent, adequate and achieving in all possible respects if one is to consider oneself worthwhile.

3. One should become quite upset over other people's problems and disturbances.

4. There is invariably a right, precise, and perfect solution to human problems, and it is catastrophic if this solution is not found.

5. Human happiness is externally caused, and people have little or no ability to control their sorrows and disturbances.

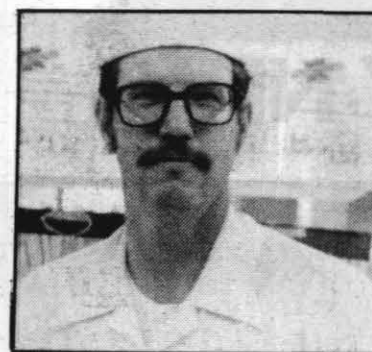
It is amazing how many illusions we have about ourselves. Thomas Merton, spiritual writer, said that the spiritual life has as its chief aim the stripping away of our illusions and delusions.

As varied as all of the illusions are, it seems to me that they are all variations of pride. We refuse to let God be all in all. We want to be something independent of God. It is the Garden of Eden all over again.

We want to be perfect, without flaw or blemish. We strive to be angels, and reject our own humanity in the process.

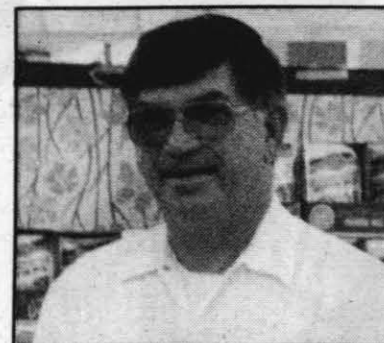
There are a lot of folks who are spending much of their energy fighting themselves. Why not give ourselves the wonderful gift of self-acceptance? We are allowed, you know.

Commissary honors employees...



WORK RECOGNIZED—SH1 James R. Black received the "Sailor of the Quarter" certificate from his supervisor, Senior Chief Romeo Binaoro, commissary officer. SH1 Black earned the honor for his efforts during the period of January through April.

OUTSTANDING performance recently earned Jimmie Blackburn the China Lake Commissary's "Civilian of the Quarter" title for the period of January through April. SHCS Binaoro also presented a certificate to Blackburn.



Civilian clothes okayed for military travel

Washington (NNS) — Navy personnel traveling on flights originated by Air Mobility Command are now allowed to wear appropriate civilian clothing. AMC, formerly the Military Airlift Command, is a military passenger service that contracts civilian aircraft and military aircraft for its missions.

This change applies to Navy personnel flying on AMC flights for permanent change of station orders, temporary additional duty, emergency leave or space available status.

Appropriate clothing for the flight excludes tank-tops, T-shirts as outer garments, shorts, sandals and revealing, soiled or torn clothing.

This does not apply to flights originated by the Navy, where current uniform regulations are still in effect. The change also does not apply to flights originated by the Army or Marine Corps.

An upcoming change to the Navy Uniform Regulations will reflect this change in policy, which was announced in NAVADMIN 047/93.

Champus discusses other insurance

Champus considers "other health insurance" to include coverage in auto insurance policies for uninsured or underinsured motorist medical payments, or personal injury protection. However, a person can't file a claim for medical care costs with an auto policy unless an auto accident has occurred and a person covered under the policy has suffered accident-related injuries.

In such a situation, file with the auto policy first. Champus will then share the cost of covered care that remains unpaid after the auto policy has paid everything it's going to pay.

Remember DD Form 2527 (Statement of Personal Injury-Possible Third Party Liability) must be sent in, even if you are also including an explanation of benefits form from the auto insurance company.

All Faith Chapel Services

Protestant

Sunday Worship Service, East Wing 8:00 a.m.
Sunday Worship Service, Main Chapel 10:30 a.m.
Sunday School, 1008-10 Blandy & 1903-05 Mitscher 9:00 a.m.
Bible Study (East Wing), Wednesday (September thru June) 11:30 a.m.
Men's Prayer Breakfast, East Wing, Thursday 6:30 a.m.
Officers' Christian Fellowship/Christian Military Fellowships, East Wing, Thursday 7:00 p.m.

Jewish (446-4152 Messages)

Weekly Services, Friday, East Wing 7:30 p.m.
October through June
Hebrew Classes, Saturday, 1902 Dibb 2-5 p.m.
Adult Education, Saturday, 1902 Dibb 10 a.m. - noon
September through June
Religious School, Sunday, 1902 Dibb 9:30 a.m. - 12:30 p.m.

Roman Catholic

Sunday Mass, Main Chapel 9:00 a.m.
Daily Mass, Blessed Sacrament Chapel 11:35 a.m.
Confessions, Sundays 8:15 - 8:45 a.m.
Confessions, Weekdays By appointment
Religious Education Classes, Sunday (September thru May) 10:15 a.m.
1902 Dibb, 1002 Blandy, 1008-10 Blandy & 1903-05 Mitscher
Adult Education Classes, Thursdays (September - May) 7:00 - 8:00 p.m.
St. Ann's School Library
RCIA, St. Ann's School Library 8:15 - 9:45 p.m.
Islamic
Jumaa Prayer, Friday (1002 Blandy) 1:00 p.m.



Chaplain T.F. Mele, LCDR, CHC, USN
Chaplain Lt.j.g. David Alicea
Batsheva Gluckman, Student Rabbi

Office Hours Monday, Tues Thursday 0730-1630
Wednesday 0730-2000, flex Fridays 0730-Noon
939-3506, 939-2773, 939-2873

SPORTS

Good riding habits can increase the fun, and safety of riding bikes

By the Naval Safety Center, Norfolk

Washington (NES)—Bicycling is fun, and it's great exercise. But it can also be dangerous. Good riding habits help prevent accidents. Learn and practice these safe riding tips:

•Obey all traffic signs and signals. Know and observe your local bike regulations.

•Wear a helmet. Head injuries are common among bike injuries. Helmets can make a life-or-death difference.

•Ride with traffic. Keep to the right, as close to the curb as possible, and ride in a straight line. When riding with friends, proceed single file.

•Never carry a passenger. Use a basket or carrier for packages.

•Always yield the right of way to cars and pedestrians. Be alert for persons stepping out from between parked cars. Using your bell or horn, warn them you are coming.

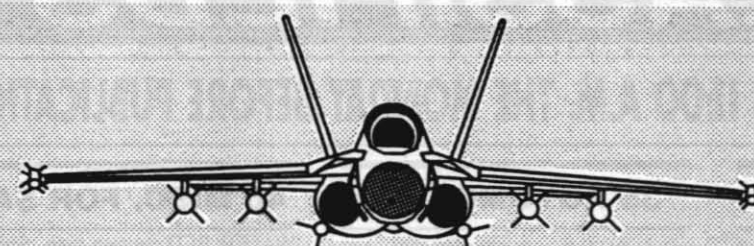
•Know and use hand signals.

•Walk your bike when crossing busy streets or intersections.

•The Naval Safety Center recommends riders wearing helmets. OpNavInst 5100.25 says that military personnel, on and off duty, and dependents on base and at command-sponsored functions must wear reflective clothing when visibility is low and at night.

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Sierra Desert Gun Club plans two-day Hunter Safety class

Registration set for June 5 and 8 at the Kerr McGee Center

On June 12 and 13, Ridgecrest's Sierra Desert Gun Club will conduct a two-day Hunter Safety class.

Meeting from 8 a.m. to 4 p.m. on both days, the class will be held at the club's rifle and pistol range and clubhouse facilities on Sportsman Lane aboard the Naval Air Weapons Station, China Lake.

All first-time purchasers of a California hunting license must provide proof they received training in firearms and archery safety, sportsmanship and game management and conservation from a certified hunter safety instructor. Upon successful completion of such a training course, the student receives a validated Hunter Safety Certificate which must be presented to the licensing agent when purchasing a California hunting license.

This class is being presented to provide that training and proof.

The class is open to all residents, 12 years of age and over, of the Indian Wells Valley, Searles Valley and the surrounding areas. It will involve approximately 16 hours of classroom instruction, including a one-hour written examination. There will be no shooting or instruction in shooting during the course of the school.

Advanced registration is required as the class will be limited to 50 students. A sign-up table will be set up in the front lobby of the Ridgecrest Kerr-McGee Community Center from 9 a.m. to 1 p.m. on Saturday, June 5, and from 7 to 9 p.m. on Tuesday evening, June 8. A \$5 registration fee will be collected at the time of registration.

Summer softball teams now forming

Summer softball leagues for military and Department of Defense personnel are now being formed by the Sports Division of the Morale, Welfare and Recreation Department at the Naval Air Weapons Station China Lake.

Both men and women are welcome to join.

Team managers may pick up rosters at the gymnasium, while individuals interested in playing on a team can register by calling Karen Rivers, gym manager, at 939-2571.

Rosters are due from all coaches no later than June 11. No entries will be taken after June 14.

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Personal Excellence Partnership Program

China Lake activity supports local schools

By Peggy Shoaf
Staff Writer

"Giving back to the community" and "looking to the future" are more than just words at the China Lake site of the Naval Air Warfare Center Weapons Division. Those philosophies are supported by the Personal Excellence Partnership Program now in place at China Lake.

Once referred to as the "Adopt-A-School Program," the Personal Excellence Partnership Program assists the Sierra Sands Unified School District by providing volunteers, equipment, services and facilities, when needed.

Improving the quality of life for pre-school- and school-aged children in the local area through a collaborative effort between China Lake and the school district is the main objective of the program, said Ricky Parks, program coordinator.

A formal Memorandum of Understanding, explaining objectives and activities allowed under the program, was signed by Capt. Douglas W. Cook, NAWCWPNS Vice Commander, and Bruce Auld, Sierra Sands Unified School District superintendent, late last year.

Since that time, two volunteer training sessions have been held, base resources have been made available to the school district and 25 people have formally signed up to become volunteers.

When this program was first suggested, Parks said, there was talk of adopting one or two schools; however, since the needs were common to all the schools in the area, it was decided to "adopt" the school district, Parks explained. That way, only one Memorandum of Understanding was needed.

This memorandum describes the 10 objectives and activities allowed under the Personal Excellence Partnership Program.

Objectives range from building students' self esteem so that they stay in school, showing by example good citizenship and community involvement, decreasing illiteracy rates, improving scientific and technical knowledge, to nurturing the student work force and giving them an interest in career possibilities.

To meet these objectives, NAWCWPNS can provide the district with curriculum advisors, tours of the base, instructors, lecturers, tutors, mentors and role models. NAWCWPNS volunteers can also get involved with the School Visitation, Saturday Scholars, Biological Student Volunteer and Mathematics Engineering Science Achievement programs.

People interested in volunteering their time at a local school can register for required training by calling Parks at 939-8128. The next training session is set for some time in June.

At the training, potential volunteers will learn what they can and can't do through the program, what base resources they can use and what type of equipment they can donate to the school. For example, it is legal to use a Navy taxi to go to the school; and excess pens, pencils, notebooks, file folders and so forth can be donated to the schools, following DoD Instruction 4160.21-M, Defense Reutilization & Marketing Manual, its subsequent updates and replacements.

"You can take a computer to the school to use," Parks explained, "but you can't donate it. That's a definite no-

no, even if it is excess. Excess bar coded computer equipment still needs to go through the Defense Automated Resources Information Center."

While bar coded equipment can't be given to the school district, it can be loaned, Parks said, providing certain conditions are met. Personnel having excess equipment they think the school district might be able to use, can call Parks at 939-8128.

Volunteers must have approval of their first and second line supervisors to participate in volunteer activities during duty hours. How the volunteers account for those hours, annual leave, adjusting their work hours to make up the time or whatever arrangements are made is up to employees and their supervisors.

Also during the training session, the school district superintendent will discuss child psychology, child development, effective teaching techniques, classroom management, attire and etiquette. Remember, Parks warns, the school principal and classroom teacher have direct authority over and responsibility for the instructions and safety of school students, and will, if necessary, take over the work of any volunteer.

Parks noted the program's goal is to recruit two to three hundred volunteers — people willing to donate their time and talents to help convince youth to stay in school, stay away from drugs and alcohol and maybe, even help them decide what type of career they would like to have and how to go about getting into that career.

"Become involved," invites Parks, "and help our youth by participating in the Personal Excellence Program."

EOD from Page 3

inspections where they are drilled on their abilities to "render safe" conventional ordnance plus booby trapped and terrorist-type devices, such as car bombs. "Our job is to make it safe, minimizing the danger to personnel," the lieutenant explained. "All the problems they give us are monitored electronically, so there is no politics involved in the problem. You know if you win or lose based on the electronic packages of the device. To put it simply, if it goes boom, you lose."

Lt. McClelland noted the Battle E is awarded yearly and that the detachment competes for it against all of the EOD forces on the West Coast. "There are six mobile units," he explained. "Each of those units have 20 mobile detachments. We're a shore detachment of those 120 detachments. It's tough competition because you are looking at about 10 personnel per detachment, so it's a competition between more than 1,000 other EOD technicians."

The Meritorious Unit Commendation was given to the detachment for providing Explosive Ordnance Disposal support to the director of the Cruise Missiles Project from August 1, 1989 to July 31, 1991. The detachment's officer-in-charge at that time was Lt. Barry Coceano.

"It's Barry's award," Lt. McClelland said. "I forwarded it this morning and

it will be presented to him in a ceremony like we had here."

Early in 1989, when a mishap occurred with a Tomahawk Cruise Missile for no apparent reason, the China Lake detachment was tasked with finding out what went wrong. As a safety precaution all of the Navy's Tomahawk Cruise Missiles were removed from operational status.

China Lake EOD Detachment personnel discovered the problem with the fuse that caused the Tomahawk mishap was a fluke. "It shouldn't have happened," Lt. McClelland said. "The only thing the detachment could come up with was rapid differentiation of temperature. It wasn't a human error. These weapon systems are designed to take a lot of stress and still be safe. They are considered an insensitive weapon, meaning ordnance today is suppose to go off when it is told to go off, not erroneously."

Lt. McClelland added, "The Navy felt the China Lake detachment was the systems expert and called upon us." Detachment personnel decided x-raying the missiles would be the most efficient way to check the missiles' fuses. It was that efficiency that earned the detachment the MUC.

"Explosive Ordnance Disposal Mobile Unit Three, Detachment China Lake, conceived and implemented a

radiographic procedure to determine the fuse condition in over 7,000 submunitions," reads the citation that accompanied the award. "Thorough planning ensured safe and efficient project completion at locations on both coasts and overseas. In a potentially deadly environment with field expedient methods and equipment, the operation was conducted flawlessly. All missiles were inspected, refitted and returned to service, contributing to the outstanding readiness and effectiveness enjoyed by the Tomahawk Weapon System during Operation Desert Storm."

Lt. McClelland said the detachment was notified of the problem and personnel were ready to leave that night. "Basically," he said, "we sent out seven people to various parts of the world in two- to three-man teams, leaving a contingency here to support the Naval Air Weapons Station China Lake."

Lt. McClelland noted the Meritorious Unit Commendation is an important award. "It's awarded by the Secretary of the Navy," he explained, "and is a very prestigious award. This is the second MUC this detachment has received, and there is only one other shore detachment that has received one, and that was eight years ago. It's a big kudo for this detachment."

Jay Leno named honorary CPO

San Diego (NNS)—Jay Leno, host of "The Tonight Show," became an honorary chief petty officer April 1, the 100th Anniversary of the CPO rank.

Leno was chosen to receive this special honor in recognition of his continuing support of the U.S. Armed Forces. Master Chief Aircraft Maintenanceman (AW) Bobby Ozier, force master chief for Commander, Naval Air Force, U.S. Pacific Fleet, thanked Leno for his support, particularly for the time the comedian spent visiting forces and ships during Operation Desert Storm. Ozier pointed out that Leno's support reflects what Navy CPOs believe: "We take care of our own."

A group of five master chief petty officers participated in the short ceremony held in the "Green Room" at NBC's Burbank Studio. Along with a CPO combination cover and anchors, Leno was given a MCPON plaque and a certificate of appointment, a lone sailor plaque and a CPO 100th birthday cup.

Leno expressed his gratitude for the recognition and said he is especially appreciative of what the military does since his brother is a Vietnam veteran.

"I did a lot of military shows when I was starting out," Leno commented. "Although I wasn't in the service, you do what you can. You try to give something back."

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GRAY from Page 1

Gray's program took into consideration radar and infrared sensor ranges, missile ranges, a communications conductivity subroutine and effects of hostile jamming.

For more than a year the model was used to evaluate standard Navy scenarios and to advise OPNAV regarding systems performance and acquisitions. This model provided some of the groundwork

for more elaborate simulation development conducted as part of the Analyst's WorkBench Program.

Gray's next assignment was to work on a serious and complex air-to-air problem—the identification of unknown air contacts. After researching the problem with TopGun and VX-4 pilots, Gray mathematically formulated the problem and programmed it to show the impact

of various identification methods. Gray then presented the results to the TopGun and VX-4 pilots.

Using the same model, Gray evaluated current and future identification systems of interest to SPAWAR and OPNAV. She then presented briefings in Washington to SPAWAR's Anti-Air Warfare Architecture Group on her work. A paper on that model and work was later

accepted for presentation to the Combat Identification Conference Symposium in the summer of 1991.

During the following fall, Gray, working with senior analysts and military officers, was assigned to develop and program a model to evaluate the ability of an aircraft carrier, and its air wing, to do sustained combat activity. "This model develops an air plan considering

Student enjoys short tour aboard ship

By Eun Joo Gray

Imagine suddenly finding yourself on an aircraft carrier off the coast of San Diego, fully in the midst of Naval Operations. This is far too familiar to those in the Navy, but for ordinary civilians like my supervisor, Julie Doerr, and myself, it was quite an experience.

Our trip began with a bang—almost literally. Seated backwards in the back of a C-2, we landed on the deck, caught by the wire and brought sharply to a stop.

As we exited the plane, we were instantly assailed by a new world. Around us, the Pacific Ocean shone deep blue for miles, under an immense clear sky. The decks and narrow passageways of the carrier were crowded with people and equipment, each with a specific purpose or task. Sense of time was different, since carrier operations continue around the clock. There was no such thing as a weekend, and most people had varying schedules, some days being as long as 36 hours.

Our escort was Cdr. Dave Marzola, the Gun Boss,

whose tour of the magazines included spaces seven decks below the waterline, stacked wall to wall and floor to ceiling with unfused bombs and missiles. Other visits followed, to the Tower, Damage Control Center (during General Quarters, their emergency drills), Combat Direction Center, AIMD (Maintenance), the Landing Signal Officer platform and the bubble, where the catapult officer directs the launching of aircraft. Interspersed were visits to Vulture's Row to watch launch and recovery of aircraft.

But all was not play. Julie spent both days and nights tracking down different officers for a few brief moments when they were available for questions and comments. Meanwhile, I spent the better part of two days in Strike Ops, observing the creation of the air plan and discussing carrier operations with Lt. Pat Gardner to be considered by the Carrier Sustainability model.



AT SEA—Eun Joo Gray discusses carrier operations with Cdr. Jim Hillenmeyer, air ops officer, and Lt. Pat Gardner, A-Strike, aboard USS Abraham Lincoln.

Four days later—Friday for us—the experience was completed with the cat shot. With a burst of steam, the C-2 was flung into the air, back to North Island and a completely different world of five-day weeks and regular hours.

A bid and proposal (B&P) for developing a signal-processing rapid-prototyping environment was discussed. Infrared radiometric capabilities and some novel uses of that technology were presented as well.

Work in the areas of IR signatures and field testing, the IR model development and validation and hardware-in-the-loop simulation capabilities were described.

Current limitations of missile domes were explained. The need for new, two-color dome materials and current research efforts was presented. A discussion of current development and production of diamond domes and coatings for long-range IR applications was given.

China Lake's mini-IRIS conference culminated with a presentation by Wilfrid B. Veldkamp of MIT's Lincoln Laboratory. Veldkamp is pursuing research of optical sensors, optical-communication channels and optical processors. Veldkamp stressed that through the use of advances in semiconductor miniaturization, micromachining techniques and binary-optic theory, many computationally intense image-signal-processing problems can be solved on the detector. The United States currently has the technology to develop these low-cost, miniature, intelligent electro-optic sensors for guidance—when this development will take place is related to the availability of research-and-development funding. Veldkamp explained his current work and future possibilities to a very enthusiastic audience.

The conference was very well received and abstracts will be available as a Technical Memorandum. The conference was sponsored by Dr. Robert Schwartz of Code C025 and organized and conducted by Cameron Bruce of Code C2942. Bruce attributed the success of the conference to the enthusiasm of the audience and the willingness of the presenters to share their ideas, information and time.



SUCCESS—The mini-IRIS conference highlighted China Lake's continuing prominence in IR short-range air-to-air technology, as typified by the success of the Sidewinder missile.

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Mini-IRIS conference stimulates information exchange

By Susan Hennigan
Technical Information Department

China Lake's first mini-Infrared Information Symposium (IRIS) conference in several years was held in Michelson Laboratory on April 28 and 29. The goal of the conference, which was sponsored by the Technology Advancement Group (Code C025), was to stimulate the exchange of information across organizational lines within the local infrared (IR) community. Presenters from seven different Naval Air Warfare Center Weapons Division departments participated in the symposium.

The first day of the conference began with an introduction and a presentation about the importance of the technology transfer of dual-use technologies. Technical areas covered by the presenters spanned current and future tactical, aircraft and missile requirements; theater ballistic missile-defense systems; and short-range air-to-air systems.

The requirements portion began with Weapons and Tactics Analysis Center (WEPTAC) briefings. Fleet tactical wargames and IR-related requirements that have evolved from WEPTAC were described. Aircraft requirements covered the need for increased targeting capabilities and proposed new infrared (IR) sensors. The missile requirements included an overview of current IR seeker systems and identified several critical technologies that are crucial to the design of advanced seekers.

Discussions in the area of theater ballistic missile defense covered concepts for target-acquisition and aim-point-selection for hit-to-kill, kinetic-energy-transfer vehicles; the effects of hypersonic airflow (including

aero-optics) on IR windows; and developments in resolution enhancement and image restoration during the terminal-guidance phase of missile flight.

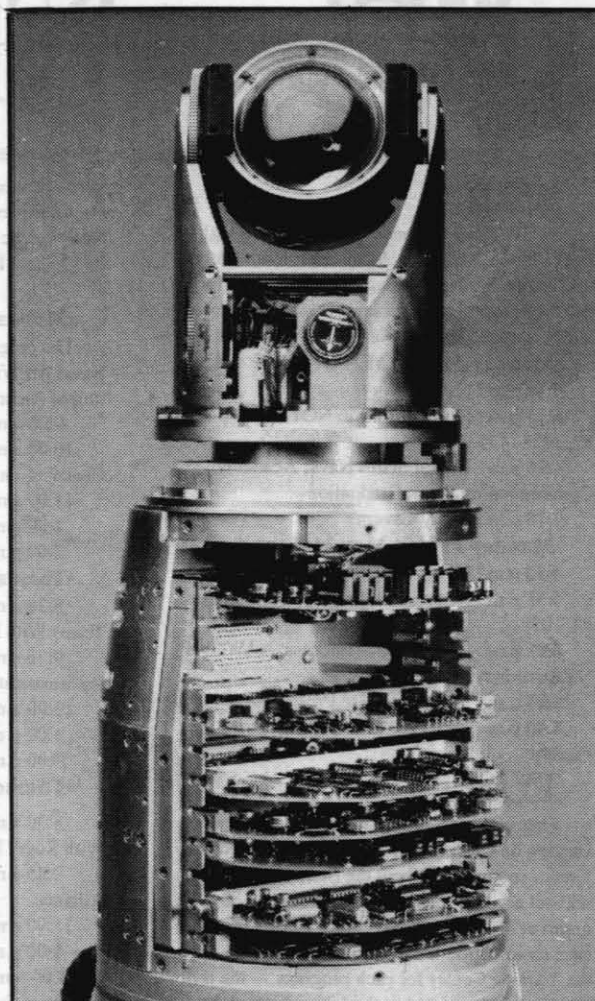
Developments in system-concept studies, focal-plane-array efforts and current projects were the topics of the sensor-related portion of the conference. The status of several IR system projects were described. The current state of the art in uncooled-focal-plane arrays and high-temperature superconductor imaging-IR sensors was revealed as well.

During the second day, China Lake's corporate capabilities in IR seeker systems were outlined. The Center's concurrent-engineering efforts, which include the development of computer-aided engineering and rapid-prototyping capabilities, were presented. Concurrent engineering promises a significant reduction in production costs while maintaining current quality standards.

Rapid prototyping is an exciting component of concurrent engineering. The roll-axis control with extended range (RACER) design team learned that rapid prototyping allows designers to quickly produce an accurate and inexpensive prototype directly from the three-dimensional computer model. The polymer prototype turnaround time is two weeks, and the RACER polymer prototype was a credit-card purchase. The completed prototype serves many purposes, including "show and tell," clearance checking, wire routing and electronics packaging.

In addition to mechanical-seeker design, China Lake's capabilities for focal-plane array and forward-looking infrared (FLIR) characterization were detailed.

Please see next page



THE RACER hardware prototype is a design concept for future short-range air-to-air missiles.

many factors," Buffum said, "including aircraft number and type, aircraft failure and maintenance, carrier assets (deck size, catapults, launch rates), mission composition, aircraft flight time and loads, refueling and so forth."

This model has been used by the SPAWAR Force Level Architecture Group to consider the impact of new fighter-attack aircraft (F/A-18 and AX), examine the impact of various air wing compositions and led to the support of the AFX concept.

Earlier this year, Gray, while working with pilots aboard the aircraft carrier USS Abraham Lincoln (CVN-72) (see related story), extended this model to consider the effects of bomb damage assessment systems, Tomahawks and precision-guided missiles on Navy weapon mix requirements.

Currently a student at Cerro Coso, Gray plans to attend University of California at Irvine this fall, working for the China Lake site of NAWCWPNS during the holidays and summer vacation. Her immediate goals are to get a bachelor's degree in Computer Science and to work here full time. Eventually, she would like to get a master's degree in Computer Science, or English, her "first love."

Mark Decker

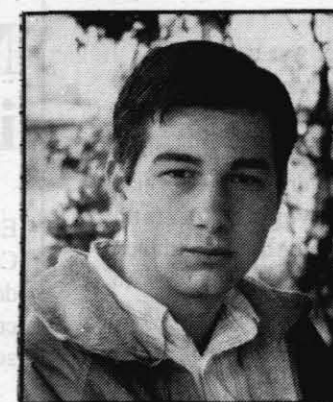
Decker also joined the Cooperative Education Program via the Technical Mentor Program. He noted he started out his China Lake career in the Engi-

neering Code that dealt with Sidewinder Development. After approximately six months, he transferred to the Chemistry Division, under Dr. Terrell A. Vanderah.

"Mark is involved in my synthetic chemistry research program involving two different classes of materials," state Vanderah in her nominating letter. "Since my research involves two very different types of inorganic materials, the handling of a wide variety of chemicals, and the mastering of a wide variety of laboratory techniques are essential. Mark had secured these skills in his first month with me. In this respect, Mark performed at, or beyond, the level of a Bachelor of Science chemist."

Vanderah continued that Decker constantly learns "the first time," diligently practices and often improves on the details. In addition to his lab work, Decker perfected a method of preparing detwinned single crystals, using a mechanical anvil. "This project is unique in the United States," Vanderah wrote. "His crystals are being used in a number of academic and government laboratories for fundamental studies of the origin of superconductivity."

Decker is also a master crystal grow-



Mark Decker

(1991), my laboratory has supplied approximately 200 shipments of various superconducting materials to enable the research of others," Vanderah wrote. "Mark has easily prepared 75 percent of these."

On April 28, 1992, Decker received his award from the Deputy Assistant Secretary of the Navy at Fort Myer's Officers' Club in Arlington, VA.

Afterward, Decker noted his interest in the physical sciences isn't unusual, as his dad, Don Decker, is a physicist at China Lake. "I've been raised in physics, chemistry, geology, engineering, mechanics, astronomy and whatever else," he said. "I've been exposed to it for a long time."

Decker is currently attending the University of California at Riverside and working at China Lake during the holidays and summer vacation.

DoD safety record is best in history

By American Forces Information Service

Fiscal 1992 saw the fewest non-hostile fatalities in the Department of Defense's history. DoD accidental deaths dropped from 941 in fiscal 1991 to a record low of 747, said DoD officials.

The department's overall aviation accident rate was 2.09 per 100,000 flying hours. The rate reflects major accidents that involved a fatality or damage of \$1 million or more.

For the Army, the ratio amounted to an all-time low of 1.58 major accidents per 100,000 flying hours. The Navy's percentage was 2.93. The Air Force experienced a rate of 1.67.

Officials said superior weapon systems, extensive and realistic training, strong leadership, discipline, attention to detail, skill, professionalism and continued emphasis on safety prevented many tragic accidents.

A DoD spokesman added the greatest single threat to U.S. military personnel continues to be the private motor vehicle. Seat belt and motorcycle helmet use, extensive driver safety training, anti-drunken driving efforts and management emphasis on safe driving have proven effective, he said.

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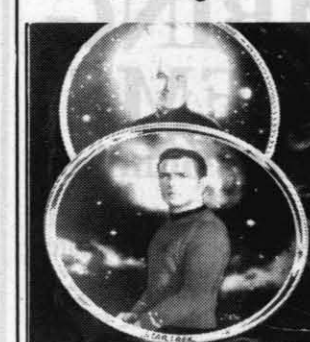
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ECKHARDT from Page 1

While Eckhardt was appreciative of the award, he noted he isn't the only one tasked with preserving the natural resources aboard NAWS China Lake. For example, he explained, Tilly Barling, who recently passed away, and Carolyn Shepherd originated China Lake's historic and archaeological resources protection program in the late 1970s. He just carries on with their work. He shares stewardship of the petroglyph collections with the Maturango Museum and it was Shepherd who put the "fires to rest" on the Indian concerns regarding Coso Hot Springs at the onset of the geothermal development.

Integrating cultural resources management with China Lake's military mission is the responsibility of everyone, Eckhardt said. "We work, live and create on lands that are withdrawn from public domain," he explained. "Within these withdrawn lands, we are still responsible to the citizens and ourselves to not unthinkingly go out and ruin a resource. Everything (we do) has to follow that mission, or it is not essential. We're fortunate our military mission, research and development, represents only a minimum level of impact on the lands."

That's not the case at Fort Irwin, Eckhardt said. "Fort Irwin's primary mission is to train in realistic scenarios, using heavy infantry and light armor," he explained. "To do that, they have force-on-force ranges, which are large tracts of land that can handle tracked vehicles and line units. But this tears up the dirt. (That result) is a consequence of war,

therefore a consequence of war training."

Eckhardt compared archaeologists to wizards, such as Mickey Mouse in the movie "Fantasia." "Records management, literature and curative material of every kind—not just artifacts, but soil, vegetation and geology—all of these go into the pot and then we, as wizards, stir and try and come up with an anthropological explanation. This is archaeology. The Navy doesn't do archaeology because they think it's great, but because the law requires that the agencies, in this case the Department of the Navy, take into consideration the cultural resources within their jurisdiction before their activity impacts those resources."

There are a lot of cultural resources at China Lake the Navy can't protect or fully develop, Eckhardt said, because of lack of money. For example, he said, "out there in the Old Lake stands should be, and probably is, the archaeology of the Late Pleistocene—pygmy mammoths, ground sloths, ancient buffalo and the like." But lack of money, time and man power limits what NAWS China Lake can do.

Other China Lake cultural resources include a world-class petroglyph collection and the Native American resources and a historic resort/spa at Coso Hot Springs. Eckhardt joined the China Lake team in January 1983. He received his bachelors of art degree in anthropology from San Diego State University, with distinction in archaeology.

Navy seeks public's help in locating waste sites

With continued emphasis on public involvement, members of the Environmental Project Office staff at the Naval Air Weapons Station China Lake are asking the help of area residents in identifying old, abandoned waste sites at NAWS. Efforts began in August of last year and will continue through this August to seek information that will help identify additional waste sites.

The Installation Restoration Program is a Department of Defense program to identify, assess, characterize and cleanup or control contamination from past hazardous waste disposal sites at military installations.

As part of the identification and location process, Station environmental staff members and support contractors, conducted record and documentation searches to identify sites used in the past for hazardous waste disposal.

Some of the most helpful sources of information were interviews with current Station employees, retirees and Indian Wells Valley residents. More than two hundred interviews have been conducted with Station employees and IWV residents. These interviews have been very useful in pinpointing waste sites.

Because these interviews continue to bring up new, useful information, the Station will continue conducting them throughout the next few months.

Any residents who can help identify additional sites who have not been contacted by Station personnel, are encouraged to call one of the representatives below:

Debbie Smith (NAWS) 927-1523; Jim McDonald (NAWS) 927-1508; Brenda Burnett (IRP Public Representative) 375-8634; or Dick Dodge (IRP Public Representative) 446-6414.

Also, any community agencies or organizations interested in presentation to the group on the status of the cleanup program are invited to contact any of the persons listed above.

Video Listings

KNID & TVIS

KNID

NOTE: Navy Channel 17 continues to highlight China Lake's 50th Anniversary with historical film each programming evening. Watch for NOTS Newsreels in upcoming weeks, scheduled at 5:55 p.m. after Navy News.

Monday-Friday, May 24-28

5:30 p.m.: Navy News
5:55 p.m.: Historical Film: NOTS Newsreels, #7, 1958

6:10 p.m.: United States Naval Academy: Commissioning Week/Graduation

7:10 p.m.: Luray Caverns

Monday-Friday, May 31-June 4

5:30 p.m.: Navy News
5:55 p.m.: Historical Film: NOTS Newsreels, #8, 1958

6:05 p.m.: Blueprint For Success: NAWCWPNS Environmental Programs

6:25 p.m.: Desert Tortoise Preservation

6:40 p.m.: Photo Lab Waste Treatment Facility

TVIS

Programs listed below will be available for viewing on Channel 3 in all FOTS-equipped conference rooms throughout the Station. Those without access to such rooms can see the programs at Michelson Laboratory "Little D" conference room. A room will also be made available in the Training Center for each program—the room number will be posted in the lobby. Note: We

have obtained a subscription to distribute CNN Headline News over the TVIS. CNN Headline News can be seen weekdays from 7 a.m. to 5 p.m. on Channel 1.

Monday-Friday, May 24-28

The programs listed below are part of the Naval Air Warfare Weapons Division's celebration of American Heritage Week.

9:00 a.m.: Our Hispanic Heritage
10:00 a.m.: Hispanic Journal: The Women's Contribution

11:00 a.m.: Wellness: Relaxation Video
1:00 p.m.: Aids: The Workplace and the Law

2:00 p.m.: The Mystery of Chi

Tuesday, June 1

8:30 a.m.: Building High Performance Teams With Ken Blanchard

9:30 a.m.: Tom Peters: Business and the Environment

11:00 a.m.: Wellness: Relaxation Video
1:00 p.m.: MacAcademy: Excel - Part 1 of 4

3:00 p.m.: Life After Retirement

Thursday, June 3

8:30 a.m.: Guide to Business Negotiating With Roger Dawson

9:45 a.m.: Tom Peters: The Leadership Alliance

11:00 a.m.: Wellness: Relation Video
1:00 p.m.: MacAcademy: Excel - Part 2 of 4

3:00 p.m.: Og Mandino's The Greatest Secrets of Success

NOTS South Picnic set for June 10

On Thursday, June 10, the 14th annual meeting of the former Naval Ordnance Test Station, Naval Weapons Center, Naval Air Warfare Center Weapons Division and Naval Air Weapons Station China Lake employees will take place at the Kit Carson Park in Escondido. Current NAWCWPNS employees are also invited.

Commonly referred to as the NOTS South Picnic, this event is normally held the second Wednesday in June. Because the park was otherwise booked, it was moved to June 10.

To get to the picnic at Kit Carson Park, take Route I-15, exit the Via Rancho Parkway off-ramp, proceed east on the parkway to the third traffic light and

turn left into the park.

The chartered bus from Ridgecrest to Escondido was so successful last year, one will be chartered again this year. The bus will leave from the Senior Citizens Center at 8 a.m. and arrive at the picnic area about noon. It will depart at approximately 5 p.m. and will stop for dinner on the way back to Ridgecrest. Cost is \$25 per person. While donuts will be served, passengers need to bring their own coffee or tea.

For more information, call Dick Murphy during the day at 446-7671 or 446-2161 during the evenings, or Bill Davis at 939-0978 or 375-2129. Checks should be mailed to R.W. Murphy, 401 Montefino, Ridgecrest, CA 93555.

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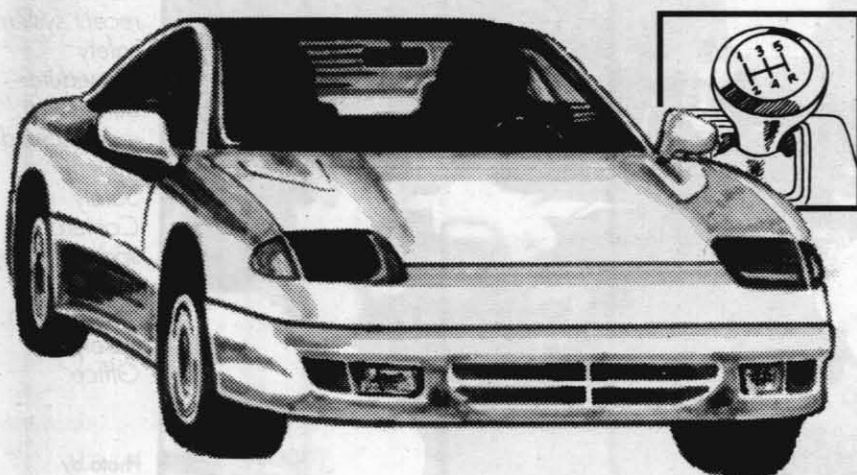
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Housing Says

Initiating its "Yard of the Month" program, the Housing Office staff of the Naval Air Weapons Station, will select June's Yard of the Month the last day of May. The selections will be made from the Capehart "B" and the Hill areas. The residents selected will receive a letter of appreciation, gift and a "Yard of the Month" sign for the month.

Command and the Housing Office staff appreciate the hard work the win-

Yard of the Month Program begins

ners do in helping to improve and maintain Navy Family Housing.

Even though we are enthusiastic about the program, it's really your program, said the Housing Office staff. We hope that everyone will become involved. The program will continue through September.

All selections will be made the last working day of the prior month.

Photo caption in last issue of *The Rocketeer* may have been confusing

A photo caption in the last issue of *The Rocketeer* (May 6) may have given the impression that Boeing Corporation was donating \$300 to the China Lake Police Department. This is not the case.

In the photo, Cinda Jarmen, Boeing's security assistant, is shown handing a

check to CLPD officer Bob Mize. What was not included in the caption was that the donation was being made to the local chapter of the International Brotherhood of Police Officers, of which Mize is vice president. *The Rocketeer* staff apologizes for any confusion.

Warm, dry weather prevails in April

Warm, dry weather prevailed during April, notes a Range Meteorology Office report from the China Lake site of the Naval Air Warfare Center Weapons Division. The average monthly temperature was 3.7 degrees Fahrenheit warmer than normal, with afternoon temperatures reading 90 degrees Fahrenheit or higher on three days.

The average monthly relative humidity was 33 percent and goes in the record book tying April 1960 as the fourth lowest.

During the month, only a trace of rain was recorded, this taking place April 15. The seasonal rainfall total stands at 3.95 inches above normal.

Based on 20 days of weather observations at Armitage Field, the average

cloud amount was 5.4 tenths, with the sky mostly clear on four days, partly cloudy on seven days and mostly cloudy on nine days. Most of the cloud cover during the month was cirriform clouds with bases above 20,000 feet.

Surface winds were strong and gusty on three days during the month.

The clouds and weather were the result of strong weather systems moving to the north and east of the local area, noted the report.

During most of the month, an upper level ridge of high pressure was over the southwest U.S., forcing weather systems to move north of the local area into the Pacific northwest.

American Heritage Week, May 24-28

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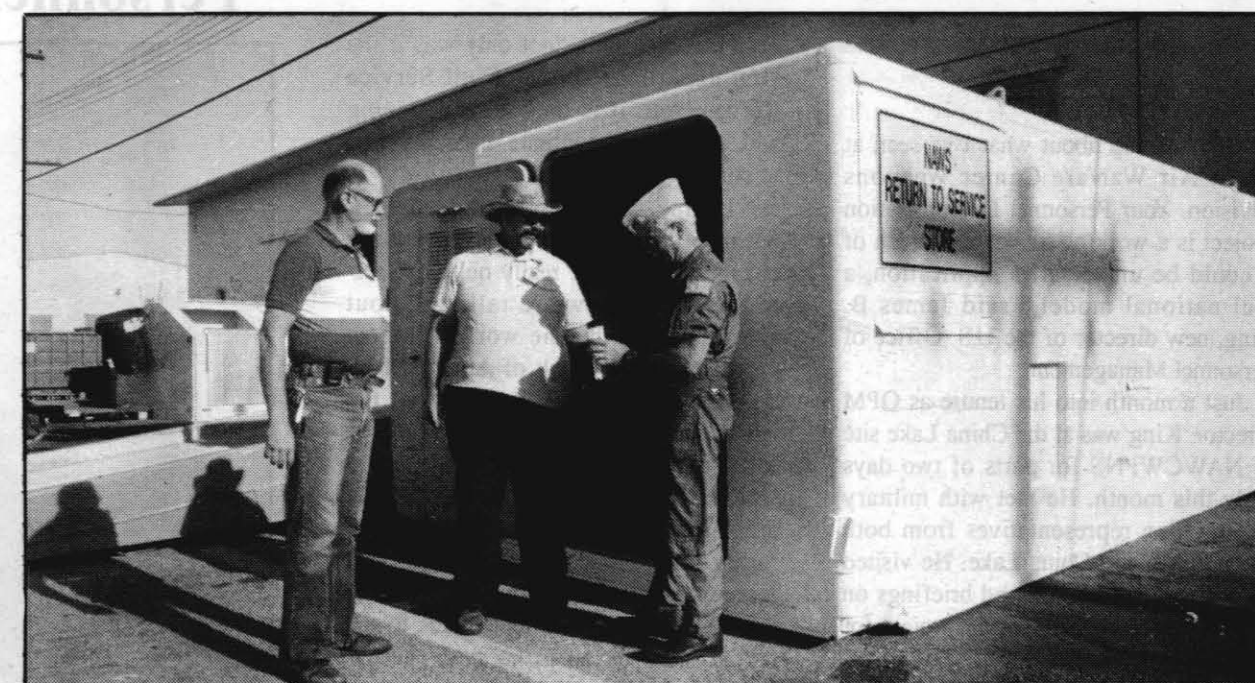
China Lake's Return-to-Service store opens today

Today, May 20, is the first day of business for the Naval Air Weapons Station China Lake Return-to-Service store located in Building 01032, the NAWS Recycling Center. The store is only open on Thursday afternoons, but the price is right. Any individual displaying a China Lake Area Access Badge will be allowed to withdraw material from the Return-to-Service store free of charge. All that is required is that the individual record his/her name, organization and the estimated weight of the material being taken to be returned to service.

The store is a product of an IDEA submitted by Sammie Treece, C0882. CNO's Environmental and Natural Resources Program Manual (OPNAVINST 5090.1A) requires that installations comply with state requirements for recycling. While China Lake is well on its way to meeting all of the California requirements, Treece saw an area that needed improvement. The California requirements actually specify that we first try to reduce our use of materials and that we also try to reuse materials before we turn to recycling as the third choice. China Lake has recycled over one million pounds of material in the first year of operation of the Recycling Center. The Recycling Center has also identified over 50,000 pounds per year in reduced use of materials.

In the area of reuse, Treece has already collected and distributed over 14,000 pounds of materials from recycling and distributed for reuse by the school system under the Adopt-a-School program (now the Personal Excellence Partnership Program). The schools, however, can't use all of the materials, and the Return-to-Service store will allow reuse of these materials as well.

The most common materials available are ring



PUTTING items back into use is the purpose of the Return-to-Service Store. Discussing the "idea" are Tree Crabtree, head of the China Lake Recycling Program; Sammie Treece, IDEA originator, and Cdr. Chip Mills, NAWS XO.

binders, file folders and cartons suitable for those constant office moves, but there are smaller quantities of other items. For instance, there is toner for a machine that was turned in...perhaps there's an office that still has that model.

In addition to reusing these materials, knowing the Return-to-Service store is there may help make people more comfortable with recycling efforts.

The store itself is an example of reuse. The store has been refinished with self help (mostly by Treece) and

incorporates reused materials. In addition, the furnishings are virtually all salvaged items.

Even if you think you do not need any free clerical supplies, be sure to drop by the NAWS Return-to-Service store and see a good idea in action. You can also take a look at the expanded recycling operation while you're there. It's in Building 01032, which is just to the west of the Michelson Laboratory compound.

If you have any questions, call the Recycling Center at 939-2522.

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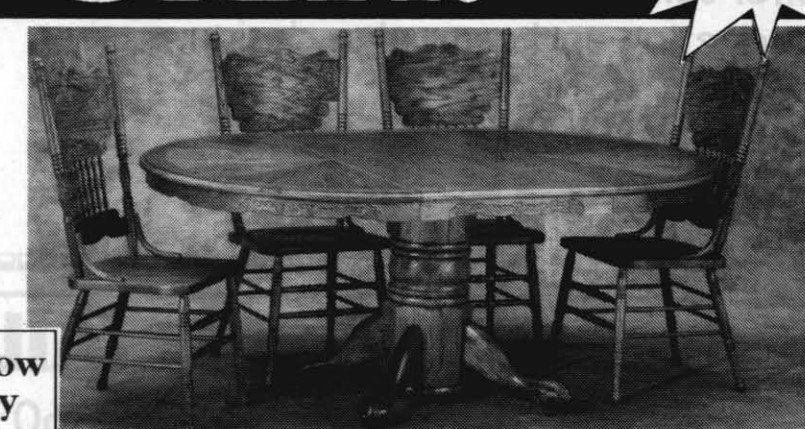


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OPM director visits: James King reviews and discusses Personnel Demonstration Project

By Steve Boster
Managing Editor

"I'm excited about what I've seen at Naval Air Warfare Center Weapons Division. Your Personnel Demonstration Project is a working model and much of it could be universal in application, a real national model," said James B. King, new director of the U.S. Office of Personnel Management.

Just a month into his tenure as OPM director, King was at the China Lake site of NAWCWPNS for parts of two days early this month. He met with military and civilian representatives from both Point Mugu and China Lake. He visited for a first hand look at and briefings on the Personnel Demonstration Project for civilian employees.

In an interview for *The Rocketeer*, King was asked why he visited China Lake. "When I did my reading for the job, the references to the China Lake project were reoccurring. I don't care whether it was Osborne's book, which is the operating text for the new administration, or Government Account Office reviews or OPM studies. The level of support the project received is extraordinary across the board," he said.

Talking about the impact of the Demo

Project, King said, "not only was it the first experiment of the Civil Service Reform Act, it is the longest running and, clearly, will continue for some time to come."

"I think sometimes people forget, because they are still living it, but the changes made were really quite extraordinary because we're talking about changes made by the world's largest employer. If you think of America Inc., the corporation, this site has been the leader in the area of employee relations for a generation."

King noted the personnel experiment at China Lake, and its sister Navy laboratory in San Diego, really began as a recruiting tool. This new tool was necessary to attract skilled employees to the laboratories because, he said, the old system was like "mating whooping cranes, a ritual that sometimes doesn't make sense to anyone involved."

But, the Demo Project evolved into much more than just a recruiting tool, notes King. "To the credit of the people involved, and some of them are still here, they sat down and said this gives us the opportunity to look at the system. So they reorganized the system to make it work for the employees here. They made it work more effectively and more



Photo by Terry Pascarella

OPM Director James B. King

cheaply. All the elements you would like to see in a smooth running organization were built into what was to be a very, very simple program, a simplicity you've never lost."

Another key to the continued success of the program has been the trust developed between employees and supervi-

sors, noted King. "You've developed something a lot of places, I think, wish they had. That is a level of trust money can't buy. The amount of communication in this process is breathtaking. Part of that is because of the ongoing work being done so people in the workplace understand how important they are to the

at Michelson Lab 1000D on Tuesday, June 8, from 10 to 11 a.m. and again on Friday, June 11, from 1 to 2 p.m. If you missed it last year or you just want a refresher, come to this presentation.

"Self-Defense for Women." We will be wrapping up our Safety Awareness Week with this briefing at Michelson Lab 1000D on Friday, June 11 from 3 to 4 p.m. Lt. Dottie Nelson of the China Lake Police Division will facilitate the showing of a video titled "Women Strike Back." A discussion will follow. Both the psychological and physical aspects of how women can "strike back" against attackers will be discussed.

"HAZMAT Trainers Meeting & Update." If you are a designated HAZMAT trainer for your work group, plan on attending one of the update meetings either on Wednesday, June 9, or Thursday, June 10, from 1 to 2 p.m. This is a good time to get together and discuss changes, concerns, successes and so forth.

Another event during this year's Safety Awareness Week will be our "Hands On" Ergonomics Expo on Wednesday, Thursday and Friday, June 9-11, at the Seafarer Club Ballroom. Show times are 10 a.m. and 4 p.m. This is your chance to try out some of the latest accessories in the world of computer ergonomics—wrist rests, monitor stands, chairs, track balls, new keyboards and more. Plan on dropping by and talking with the vendors, picking up some literature and actually trying out the computer accessories.

This year's Safety Awareness Week is filled with valuable, educational and entertaining activities. It also serves as an opportune time to create a more safe environment in every individual workplace by participating in your own safety activities such as safety meetings, reviewing or updating Standard Operating Procedures, self-inspections of your office, housekeeping and so forth.

Plan on participating and turn your attention to accident prevention.

China Lake hosts System Safety Conference

During the week of May 3, the China Lake site of the Naval Air Warfare Center Weapons Division hosted the third annual NAVAIR System Safety Conference. This event was held to provide NAVAIR System Safety professionals the opportunity to share state-of-the-art information regarding aircraft and weapon system safety engineering/management and to enhance

communication within the system safety community.

The 58 NAVAIR System Safety professionals attending the conference represented NAVAIR Headquarters and field activities from China Lake; Point Mugu; Lakehurst, N.J.; Patuxent River, Md.; and Jacksonville, Fla.

Guest speakers delivered presentations on such topics as

Sneak Circuit Analysis, Lithium Thermal Batteries, Insensitive Munitions, Propellant and Explosive Research, Laser Safety, Ozone Depleting Chemicals and Hazards of Electromagnetic Radiation to Ordnance. In addition, Dick Findley, from NAVAIR Headquarters, discussed the Functional Leadership initiative of the Naval Aviation Systems Team.



ATTENDEES
learn about the most recent system safety procedures during the recently held System Safety Conference sponsored by the China Lake System Safety Office.

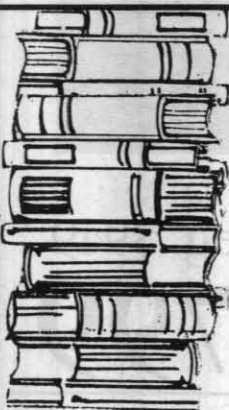
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Safety Sense

By Dena Christison
Safety Office

Variety of activities planned during Safety Awareness Week, June 7-11

This Year's "Safety Awareness Week" aboard the Naval Air Weapons Station China Lake will be running in conjunction with the National Safety Week on June 7 - 11. This will be a time for all personnel working aboard the Station to gain a heightened sense of safety and health through participation in individual workplace safety improvement efforts and/or attendance at general presentations offered by the Safety Office (Code C8401). There is no mandatory requirement to participate in the Safety Awareness Week activities, but, we are certain that you will not want to miss this year's activities which will provide you with a great deal of awareness and education about your own safety and health both at work and at home. These presentations are open to the community, so bring along a friend or family member.

Look for the complete and final event schedule in our "Safety News — Summer Edition 1993." Event schedules are also available from the Safety Office. Give us a call at 939-0729 or 939-2315 and we will FAX or mail you the latest schedule. Meanwhile, here is a preview of what is planned.

"Your Guide to Office Safety" will be presented at the Station Theater on Monday, June from 10 to 11 a.m. and again at 3 to 4 p.m. This is a great presentation for everyone who works in an office. Often we get a false sense of safety when we work in what is thought of as a "low-hazard" area such as an office. But, our office and

administrative personnel aboard this station are among the highest contributors to our mishap statistics. That's where we are having many of our mishaps. Plan on attending to find out some reasons why.

"It Can't Happen to Me — Human Behavior and Safety" will be presented at the Station Theatre on Monday, June 7, from 1 to 2 p.m. This is an entertaining look at some reasons why we have mishaps. During the presentation we will explore "what made me do that" and why you may feel that "it can't happen to me."

"Bloodborne Pathogens — AIDES and HBV — What You Should Know" will be presented by Dr. Atolagbe, AIDES program coordinator for the Kern County Health Department, on Tuesday, June 8, at 10 to 10:30 a.m. and again at 1 to 2:30 p.m. at the Station Theatre. An update on AIDES and HBV prevalence in our community will be given. The most up-to-date information on this topic and prevention considerations will be addressed. This is a must for everyone in our community. Good one to attend and bring a friend.

"Earthquakes—Are You Prepared?" will be presented by Larry Stensaas from our own Emergency Management Division on Monday, June 7, and again on Tuesday, June 8 from 1 to 2 p.m. at Michelson Lab 1000D. This presentation will provide you an overview of what you need to prepare for an earthquake here in the Indian Wells Valley.

"Office Ergonomics for All Computer

Users—How to Prevent Cumulative Trauma" will be presented numerous times at Michelson Lab, Room 1000D. Dates and times are: Wednesday, June 9, from 8 to 9:30 a.m., 10 to 11:30 a.m., and from 2:30 to 4 p.m.; Thursday, June 10, from 8 to 9:30 a.m., 10 to 11:30 a.m. and from 2:30 to 4 p.m.; and on Friday, June 11 from 8 to 9:30 a.m. and from 10 to 11:30 a.m. Several of these will be presented because we feel all computer users should be informed about what "cumulative trauma disorders" are, how to identify if you have some of the risk factors in your own office, and how they can easily be prevented with simple workplace modifications — "ergonomics." We have thousands of computer users on this base—if you are one of those users who spend your day in front of a computer monitor—take a break and attend one of these briefings!

"Supervisors Safety Training." Annual refresher training is required for all supervisors aboard the station. This year's refresher training provided by the Safety Office will be presented at Michelson Lab 1000D on Monday, June 7, from 10 to 11:30 a.m., and at the NAWS Conference Center (Sierra Room) on Tuesday, June 8, from 10 to 11:30 a.m. and from 1 to 2:30 p.m. All supervisors should plan on attending one of the sessions.

"Snakes and Spiders in Our Desert," by Phil Sodergren from our Safety Office, was so popular last year that we brought it back! This briefing will be presented

overall mission. You have set a higher standard for performance and when someone is rated fully satisfactory in performance that means something."

The OPM director said the NAWCWPNS people have, over the years of working with the Demo Project, developed a high level of credibility with people who come to observe or evaluate the system. "There is no substitute for credibility," commented King.

King arrived at China Lake in the middle of Public Service Recognition Week in the United States. He praised public service record of federal employees across the nation and said government workers, with a few exceptions, are outstanding and praiseworthy. He was critical of officials who run for elective office by attacking government thus casting a shadow on the workforce. "It is time for the tattoo of criticism to end."

"One of my roles as director of OPM is to be an advocate for the federal employee. I want to be the person in this administration pushing the issue of how we can best serve the public," commented King. Part of that effort will be attempts to weed out the thicket of regulations and rules binding employees and managers.

"We have to see the public as our customers. We can serve the American public well and be recognized for doing that by showing people we are concerned about them and showing them some

Demo Project is much more than a recruiting tool.

understanding. We aren't always user friendly and we need to improve on that image," said the OPM director. He added understanding the human interface is critical to dealing with the public. And, employees have to deal with them in a respectful manner.

His other mission, at least for now, is to look at what the government is doing from a recruiting point of view—taking the model that has been done at China Lake and some of the models used by others, some that work and some that don't, and develop a model with universal applicability. "I want to start at the entry point, because if your front door is cluttered with booby-traps, minefields and tripwires, an awful lot of people won't be interested in coming into the living room," said King.

What the Demo has done for NAWCWPNS in dealing with its employees and in recruiting new people is to have made the system welcoming and user friendly. "That is a real tribute, something very special and the first part of your system that I would preserve in any universal model developed for the government," said King.

As he departed for San Diego, King said, "I'm leaving here with a real feeling of enthusiasm for what I've seen. It's really a remarkable accomplishment."

Acquisition Professional Community should be in effect by this October

(Editor's note: The following article is from Acquisition Career Management News, published by the Director Acquisition Career Management Office.)

In accordance with DODI 5000.58, Defense Acquisition Workforce, the Acquisition Professional Community will be in effect in the Department of the Navy as of Oct. 1. (DODI 5000.58 refers to the Acquisition Professional Community (APC) as the Acquisition Corps.) During Phase 1, applications to the APC will be accepted from civilians who occupy or are selectees for critical acquisition positions (i.e., acquisition positions at the GS/GM-14 or above level and equivalent).

Records of Navy officers who occupy these billets will be screened by BUPERS for APC requirements.

When Phase 1 is completed, but no later than Dec. 31, Phase 2, which covers civilians in acquisition positions at the GS/GM-13 level and military officers at the O-4 level, will be put into effect. Information provided below is pertinent for those in, or selectees for, critical acquisition positions.

There are specific education, training and experience standards that must

be met to become an APC member. If an employee is in, or a selectee for, a critical acquisition position and does not meet the APC standard(s), that employee will be able to apply for an APC standard(s) waiver. Waivers will be reviewed on a case-by-case basis and must be approved by a senior-level official.

Keep in mind, however, that those who were in critical acquisition positions on Oct. 1, 1992, do not need to become members of the APC to remain in their positions. Movement to any other critical position, however, would require that the employee meet the APC standards or receive a waiver.

Membership in the APC requires the completion of either Level II or Level III mandatory training requirements in the employee's acquisition career field. These training requirements may be met through means other than having taken the course itself, for example, through the Fulfillment Program, which was discussed in the last issue of *The Rocketeer*.

Additional information on the APC is available by calling Nancy Saxton at China Lake, 939-3129; or Helen Casteel at Point Mugu, 989-3003.



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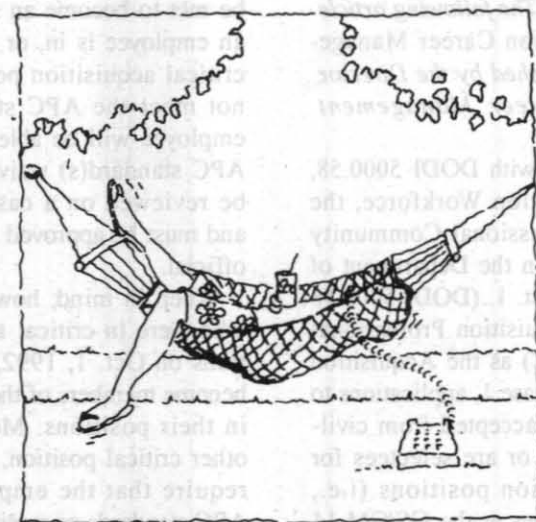
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Celebrate the richness of America during American Heritage Week

Fourteen workshops, cultural artifact displays, an art contest for employees and their children, food booths, exhibits and TVIS broadcasts will highlight this year's American Heritage Week, May 24-28. (See schedule in NAW's Announcements.)

The week-long event was established several years ago to provide education and increase awareness of the minority groups, women and persons with disabilities who are addressed by law or regulation. This year's theme, "Celebrate the Richness of America," emphasizes strength through the diversity and rich cultural heritage found at the China Lake site of the Naval Air Warfare Center Weapons Division.

The opening ceremony on Monday, May 24, will feature a Native American blessing followed by a lecture by Dr.

Idahlynn Karre addressing communication issues between men and women. Throughout the week there will be workshops on Southeast Asian cultures, Native American culture and the culture of the deaf, as well as several classes, addressing women's health, offered by the Wellness Program.

Wednesday will feature a panel of China Lake employees of various ethnic backgrounds discussing how they have adapted to working at China Lake and living in the Indian Wells Valley. This will be followed by lunch on the lawn in front of the Administration Building, where food booths, sponsored by various China Lake organizations, will be located.

Employees are encouraged to attend as many events as possible.

New Tandem application helps users locate contract information

On Monday, May 17, a new application was added to the Procurement Department's Tandem mainframe computer. The application, which is free to use, is a data base of the active contracts available at the China Lake site of the Naval Air Warfare Center Weapons Division.

There are approximately 40 active contracts available for use at China Lake, noted Winnie Nelson, a contract specialist in the Procurement Technology Office. Services and supplies covered under the contracts include SPEDI, electrical supplies, computer maintenance, environmental analysis, electronic equipment calibration, and lab and video equipment, to name a few. The use of some of the contracts is required; use of others is optional.

The data base contains the contract number, contractor, scope of the contract, usage information and points of contact.

Customers may use the data base's search feature to locate a contract by commodity, contractor name or contract number. Or, Nelson explained, they may browse through the entire listing.

To aid customers in their search, the data base contains a help feature containing a list of the contract management advisors, the codes they serve and their phone numbers. "These CMAs, as well as the contracting officer's technical representatives and contract specialists are an excellent source of additional information about a particular contract," Nelson said.

In addition, the Procurement Department maintains a free HELP desk that is staffed Monday through Friday from 6 a.m. to 6 p.m. People needing help in accessing the new data base can call 939-3292.

A password, which is needed to access the system, can be obtained from the HELP desk or from departments' CMAs. Nelson noted that the password is the same one used for APADE inquiries.

The data base information will be updated on a real-time basis, Nelson said. This includes the times when a contract is awarded or expires. To help keep this information as accurate as possible, Nelson asks customers to keep the Procurement Department informed about any changes they feel should be made to the information. Any suggested change should be made to the appropriate CMA.

While the contracts in the data base are currently only for China Lake use, Nelson noted that whenever feasible, future contracts will include both the Point Mugu and China Lake sites. This means that in the near future, this data base will be an effective tool for employees at both sites, Nelson explained.

In addition to the new data base, the Tandem mainframe computer hosts a wide variety of other applications, including the BankCard, APADE and APADE Inquiry applications. Tandem access is available at no charge to anyone who can connect to a VAX system.

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288-6743 (Autovon)
(202) 443-6743 (commercial)



Photo by Terry Pascorella

SECRETARIES of the Quarter for the Attack Weapons Department, JoAnne George and Denna Nelson, are joined by the head of the department, Paul Homer, and their supervisors, Tex Hoppus, head of the Advanced Technology Branch, and Bill Leverett, head of the ARM Systems Test and Evaluation Branch.

TWO HONORED, from Page 16

meetings and so forth."

George has been a China Lake team member for 14 years. During that time, she has served as a secretary for the Intercept Weapons Department, and as a budget assistant in the Office of Comptroller. Missing the secretarial field, she moved into her present position four years ago. Her budget experience, however, has not gone to waste, as demonstrated by her work with the Electro Magnetic Radiating Source

Elimination Program.

In addition to the free lunch and plaque proclaiming them Secretaries of the Quarter, Nelson and George will each receive a \$100 bonus.

Both the Attack Weapons Department and the Engineering Department honor their secretaries through Secretary of the Quarter awards.

"It's really a good idea," Nelson said. "It makes people feel good to be recognized for what they do."

Air emissions specialists conduct work at China Lake week of June 7

Air emissions specialists from Versar Inc. will be aboard the Naval Air Weapons Station China Lake the week of June 7 to locate and map all of the existing exhaust fume stacks and air conditioning intake ports in and around the Michelson Laboratory complex.

Activities that will be affected in this survey include the No. 2 steam boiler plant, the classified document incinerator, the Michelson Laboratory building itself (Building 00005), the Engineering

Building and Lauritsen Laboratory.

Information gathered from the first phase of this NAVAIR-funded project will provide the base map for ultimately determining the environmental impacts from these areas, present and future air emissions.

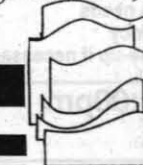
Scheduling details will be available through Debbie Smith, 927-1523; the Michelson Laboratory Facility Coordinator's Office; or the Environmental Projects Office.

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Welcome to the Rocketeer TRAVEL GUIDE



One and a quarter miles west of the main gate is the newest IWV travel operation. This column profiles Elite Travel which is owned and operated by Rene SMith. Rene purchased Elite Travel last August. She and her husband, Walt Smith (formerly of C27) returned to Ridgecrest after 7 years in Yorba Linda. Rene will be remembered as the owner of Rene's Dress Shop.

Those who attended the Fair two weeks ago witnessed the new dynamic of the Elite Travel team. They provided vacation materials, cruise brochures and a name drop for later prize drawings. The winners of round trips to Orlando with Disney passes, golfing and bed & breakfast weekends as well as other goodies have been drawn and notified. The Elite team is comprised of Sandy Prince, George Hucek, and Rose Rosato, Rene and of course Walt in his spare time.

Sandy is a cruise and foreign vacation planning specialist. She worked in DOD Vacation Service in the Pentagon starting in 1982. From time-to-time she would see China Lake travelers on the Pentagon concourse. Before coming to Elite, Sandy worked four years at Ridgecrest Travel.

George Hucek has been a mainstay in local travel service since 1956 when he owned Hucek travel. For many years, George with his wife, Marge hosted trips to Hawaii. He knows as many people there as Hilo Hattie. George is the IWV expert on Amtrak. We think he has memorized the schedules and fares. Marge got her travel start working in the Navy Recreation Department, NOTS.

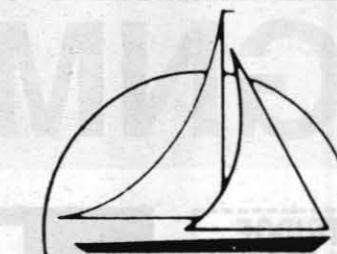
Rose with George provides the personal continuity for long term Elite customers. She worked for Hucek/Horizon Travel before coming to Elite. To her extensive agency experience, Rose adds knowledge in serving corporate accounts. In fact, Rose has trained other IWV travel agents in this specialty. Rose has been employed in travel sales and agency management in Ridgecrest since 1986.

Rene prepared herself for her new career by completing training at Pacific Travel School in Orange County. She also has a degree in business. Like most of us in IWV, the Smiths are here by choice because of friends, family and the small town closeness we all possess.

by
Larry Prince



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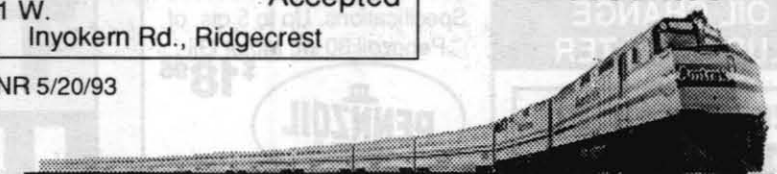
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Secretaries of the Quarter

Department honors two

By Peggy Shoaf
Staff Writer

For the first time in Attack Weapons Department history, there was a tie for its Secretary of the Quarter Award. Instead of having a run-off, joked Paul Homer, department head, it was decided they would give two awards for the quarter of January-March. The honors went to Deena Nelson, secretary of the ARM Systems Test and Evaluation Branch, and JoAnne George, Advanced Technology Branch secretary.

Both secretaries were honored during the department's Secretary of the Quarter Award Luncheon held at the Texas Cattle Company April 28.

"This is indicative of the high quality of our secretarial staff," Homer said. "They are professionals in action."

According to the nominating letter, signed by the branch head, Bill Leverett, Nelson is highly efficient and competent. "She is timely in her work, has a terrific attitude and a good knowledge of her work," he said. "The very nature of the HARM T&E Program dictates that Deena be entrusted with an exceptional amount of responsibility. Her attention to detail and timely performance allowed for no delays in the proper processing of various correspondence."

Leverett also noted Nelson is often required to meet a demanding schedule. Recently, he said, not only did she support the Harm Program Office while still performing her branch duties, she performed the secretarial duties for another branch.

"Deena creates a welcome environment, communicates effectively, interfaces well with other offices and agencies and understands the mission of this

office," Leverett said. "She displays the qualities of a professional."

Nelson joined the China Lake team in February 1989 as a clerk typist in the Office of Comptroller Budget Office. In December 1989, she became a secretary in the Product Engineering Branch. Nelson moved to her current position in June 1991, and made it her permanent position in November 1991.

This is the second time JoAnne George has been honored with the Secretary of the Quarter Award. She received her first recognition last year as the department's first Secretary of the Quarter recipient. She is now the first recipient to receive the honor

**"This is indicative
of the high quality
of our secretarial
staff."**

—Paul Homer

twice.

As her supervisor, Tex Hoppus felt George's work was so exceptional, she deserved the honor again. "Although a previous recipient of the award," Hoppus said in his nominating letter, "JoAnne continues to perform well beyond the level expected and continues to expand her work into new and increasingly challenging areas of responsibility."

"JoAnne continues to perform all the normal duties of a branch secretary, but she is also one of the division's credit card buyers, acts as a SPEDI buyer and has created and maintains an equipment data base. And, there's more. JoAnne has also performed exceptionally well as a secretary and budget analyst for the Electro Magnetic Radiating Source Elimination Program. Lately she has worked independently with the project manager in administratively managing the project, working directly with NAVAIRSYSCOM on budget and other material, including technical presentations, program management review data, multi-service coordination of

Please see **TWO HONORED**, Page 17

New Items:

Connor, 3 1/2" SCSI hard drives: 80MB, 19ms
#CP30080E; 170MB, 17ms #CP30170E;
540MB, 12ms #CP3540S
Maxtor, 3 1/2" SCSI hard drives: 120MB, 15ms
#7120S; 200MB, 15ms #7213S; 340MB, 15ms
#LXT-340S

90MB Pro Bernoulli transportable #S0700475
(dual 90 Pro is #S0700474)
90MB Bernoulli cartridge tripack #S0700429
44MB Bernoulli cartridge tripack #S0700377
Kensington Trackball ADB mouse for Mac SE
& Mac II #62360
dual media drive reads & writes all std IBM
5 1/4" & 3 1/2" floppies #AMF-ATW
CD-ROM fast 350ms, internal, IBM, complete:
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RAM: → in stock ←
memory, Mac 1ea 1MB SIMM #1MBX8-80
memory, Mac 4ea 1MB SIMM #1MBX8-70
memory, Mac 4ea 1MB SIMM #1MBX8-70
memory, IBM 1ea 1MB SIMM #1MBX9-70
memory, IBM 1ea 1MB SIMM #1MBX9-70

MicroNet removable 44MB drive for Mac; kit includes s/w & cable #MR-45
controller for all Bernoulli drives: Mac ctrl
#S0700337; Mac-1B; IBM ctrl #S0700479
Seagate 1 GigaByte SCSI hard
drive (1,037MB, 15ms) #ST41200N
Seagate 600MB SCSI hard drive #ST4702N
20MB Bernoulli cartridge tripack #S0700378
250MB IBM internal tape drive #DJ20, 250MB
tape #DC2120
SyQuest 88MB disk cartridge #SQ800 (SyQuest
45MB disk cartridge #SQ400)
Instrumentation recording tape, Ampex
1" x 9200', 14" aluminum precision reel #797-
59GK11



Photo by Terry Pascarella

SUPPORTING the community are WACOM members Robin Cook and Jackie Van Sickle, who helped pass out \$17,400 at a local WACOM meeting to various local charities. Accepting two of the donations are Margaret Bradburn, representing the Indian Wells Valley Search and Rescue organization, and Mike Muncy, representing the Burroughs High Band. In all, WACOM helped a total of 12 organizations. The money was raised through the WACOM's Thrift Shop.

WACOM gives away \$17,400

China Lake Thrift Shop celebrates 40 years of service

In the spring of 1953, through the efforts of Esther E. Stroop, wife of the commander of what was then the Naval Ordnance Test Station, the WACOM Thrift Shop was founded. Since its beginning, the Thrift Shop, 1807 Lauritsen Ave., has raised hundreds of thousands of dollars for the China Lake/Ridgecrest Community.

On May 11, members of WACOM, Women's Auxiliary to the Commissioned Officers' Mess, passed out \$17,400 to local charities. The money was raised through the Thrift Shop.

Of the \$17,400, approximately half, \$7,830, went to the Navy Marine Corps Relief Society. The remainder was split between the B Mountain Foundation, Burroughs Band (for uniforms), China Lake Players, CLOTA, High Desert Child Abuse Prevention Council, Indian Wells Valley Association for Retarded Citizens, IWV Search and Rescue, Laubach Literacy, the Naval Air Weapons Station Children Center, Ridgecrest Community Hospital, Salvation Army and Women's Center.

The purpose of the Thrift Shop is two-fold. It provides residents with low-

cost, usable clothing and household items, and its profits go to support the Ridgecrest area.

"Mrs. Stroop recognized the need for a thrift shop in the local area that could serve both military and civilian families," said Sue Moulton, WACOM president.

Operating under WACOM supervision, the shop sells donated items to anyone who wants to purchase them. In some cases, WACOM donates the items to those in need. All workers are volunteers.

People interested in joining WACOM or who just want to volunteer their time in the Thrift Shop are always welcome, Moulton said. People interested in joining the organization can call Mary Martin at 375-4052, while those wanting to donate their time to the Thrift Shop can call Joanie Miller at 375-5434.

Those who have clothing or household items they would like to donate can drop them off in drop boxes located on the porch of the Thrift Shop. All contributions are greatly appreciated.

June 30 is last day to enter poetry contest

Owings Mills, Maryland (USA) — The National Library of Poetry has announced that \$12,000 in prizes will be awarded this year to more than 250 poets in the North American Open Poetry Contest.

The deadline for the contest is June 30. The contest is open to everyone and entry is free.

Any poet, whether previously pub-

lished or not, can be a winner.

To enter, send one original poem, any subject and any style, to The National Library of Poetry, 11419 Cronridge Dr., P.O. Box 704-XM, Owings Mills, MD 21117.

The poem should be no more than 20 lines, and the poet's name and address should appear on the top of the page.

Ask our dermatologist about... "fruit peels!"

A new hot topic in cosmetic and surgical dermatology is the emergence of the so called "fruit peels" for the treatment of wrinkles and pimples. Recently, we had the opportunity to ask one of our local dermatologists Dr. Jeffrey Gunter, M.D. some questions about "fruit peels".

What are fruit peels?

Dr. Gunter says that "a fruit peel is generally a light chemical peel. The medicine used to achieve these peels are often mild organic acids derived from various food substances such as fruits and sugar cane".

tologist with extensive experience in cosmetic dermatologic surgery and chemical peels. Even though these are mild peels, complications can occur."

Can these peels help my pimples?

I have some fine wrinkles and discoloration of my face. Will a "fruit peel" help this condition?

Dr. Gunter states "recent reports have shown that fruit peels do in fact help resolve pimples, especially when used in conjunction with other medicines such as Retin-A."

Dr. Gunter says "fruit peels are an excellent way to minimize fine wrinkles and improve facial discoloration." Dr. Gunter emphasized "these are not aggressive peels so they will not get rid of the deeper wrinkles, but will eliminate the fine wrinkles, give your complexion a more even appearance, and a fresher glow."

Are there complications with mild fruit peels?

"Yes" stated Dr. Gunter, "there are complications. Though these tend to occur infrequently because this is a mild treatment. The most common problem is skin darkening, which generally resolves on it's own."

Where are "fruit peels" done and who is qualified to do them?

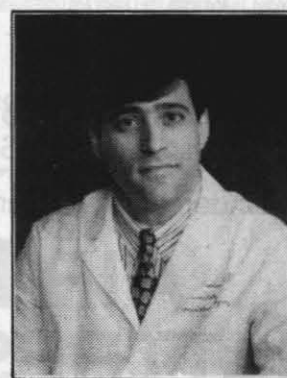
Dr. Jeffrey Gunter, MD is a board certified dermatologist and is an assistant clinical professor of dermatology at the USC School of Medicine. He also has a private practice in Ridgecrest.

Dr. Gunter states that "fruit peels may be done as a simple in office treatment. It is important that this is performed by a board certified derma-

Ridgecrest Dermatology

Dr. Jeffrey Gunter, M.D.

Diplomate American Board
of Dermatology
Assistant Clinical Professor of
Dermatology at the
USC School of Medicine

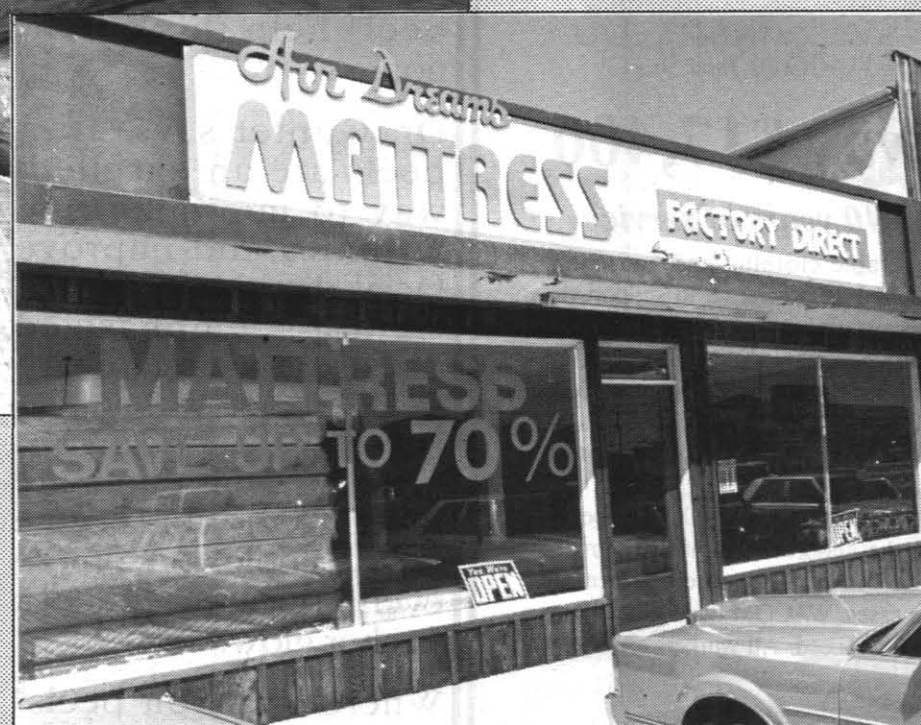


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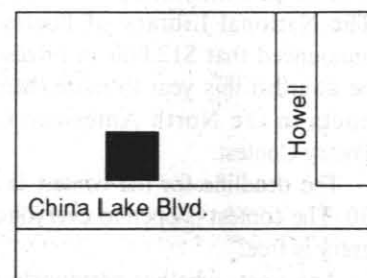
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PERSONNEL NEWS

PROMOTIONAL OPPORTUNITIES

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

Eligible spouses, of military sponsors, with competitive employment status or eligibility under E.O. 12362, must register in the DOD Priority Placement Program to be eligible for spousal preference. Those enrolled in this program will automatically receive consideration for employment on vacancies for which they qualify. For initial employment information, career counseling and enrollment, call 939-3317 for an appointment.

HOW TO APPLY: Submit the following: a current application, SF-171 or other Human Resources Department pre-approved form, a copy of your most recent annual performance assessment narrative (note: a copy of your performance plan should be attached if the annual performance narrative does not clearly state the tasks/duties performed); and a completed Background Survey Questionnaire. A supplemental narrative which relates your qualifications to each knowledge, skill, or ability (KSAs) as cited in the advertisement is highly recommended and may be required if stated in the vacancy announcement. Write the title, series, level (grade), and announcement number on all application materials. Not submitting the annual performance narrative may adversely affect your evaluation score. Prior to submitting your application, complete Cover Sheet Form 123252, available at the reception desk. Make sure your address, phone number, etc., are current, correct and that all forms are complete and accurate. If any of the information is missing, your qualifications may not be fully and completely rated. Additional information cannot be submitted after the closing date of the announcement. A current date and signature on the last page completes the application. Civilian Spousal Program Eligibles with competitive status must submit a copy of their sponsor's PCS orders with each application in order to be considered for Promotional vacancies which do not state that status eligibles may apply.

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

NOTICE REGARDING DRUG TESTING DESIGNATED POSITIONS

Any applicant tentatively selected for one of these positions will be required to submit to undergo a drug test. The drug test is a final selection. Final selection is contingent upon a negative drug test result. If the selected employee is selected by the incumbent of a Testing Designated Position (TDP), Further, all Department of the Navy employees may be subject to drug testing under certain circumstances such as reasonable suspicion and after an accident. All individuals will have the opportunity to submit medical documentation that may support the legitimate use of a specific drug to a Medical Review Officer. An applicant's test results will be provided to the selecting official and the selecting Civilian Personnel Office before a final selection is made. A verified positive drug test of a current Department of the Navy employee will also be provided to the employing activity/ command (NAWPCENINST 12792.2, 14 Dec 90).

MERIT PROMOTIONS

No. 009-MG-93, Civil Engineer, DP-810-03, Naval Air Warfare Center Weapons Division, Point Mugu, Public Works Department, Engineering Division, Civil Engineering Branch, P7332—The incumbent is responsible for plans, schedules, coordination, and/or project or in a total project of moderate scope. Formulates, analyzes, models, evaluates, advises, or performs design studies on the feasibility, suitability, adaptability, and/or operational utility of systems and system concepts. Specific project and/or program assignments that may require the services of Level I, II, and III associates, non-professionals, and/or contractors. Analyses and system studies involving operations systems, subsystems, and/or concepts. **Quality-Ranking Factor:** Knowledge of facilities, design, construction, project management, architecture engineering contracts, and project management. Must possess a professional engineering status registration. This position will be filled at the DP-3 level. Position is at full performance level. Applications may be submitted to China Lake's Human Resources Department, Room 100, no later than 1700 of the closing date, or they may be sent directly to the Human Resources Department, NAWCWPNS, Attn: Mary Lou Gutierrez, Point Mugu, CA 93402-5002. Mailed applications must be postmarked no later than the closing date. Point of contact is Mary Lou Gutierrez, DSN 351-3230. Permanent Change of Duty Station is not authorized. This ad opens on 20 May and closes on 3 June.

No. 015-AA-93, Supervisory Contract Specialist, DP-1102-3, Naval Air Warfare Center Weapons Division, Point Mugu, Services and Information Directorate, Procurement Department, Procurement Division #3, P6501—This position is the supervisor of a Procurement Department. The purpose of this position is the overall management of acquisitions assigned to the Department that supporting one or more Technical Directorate or tenant activities. **Quality-Ranking Factor:** Knowledge of contracting principles and procurement procedures as they apply to Navy RDT&E programs. This position will be filled at the DP-3 level. Position is at full performance level. Applications may be submitted to China Lake's Human Resources Department, Room 100, no later than 1700 of the closing date, or they may be sent directly to the Human Resources Department, NAWCWPNS, Attn: Ana I. Anderson, Point Mugu, CA 93402-5002. Mailed applications must be postmarked no later than the closing date. Point of contact is Ana I. Anderson, DSN 351-3241. Permanent Change of Duty Station is authorized. This ad opens on 20 May and closes on 3 June.

No. 016-AA-93, Purchasing Agent, DG-1105-4, Naval Air Warfare Center Weapons Division, Point Mugu, Services and Information Directorate, Procurement Department, Procurement Division #2, P6522—This position is the Lead of a purchase division in the Procurement Department. The incumbent is responsible for planning and directing the work of the division to ensure that purchase support is provided to NAWCWPNS and tenant commands in compliance with applicable government procurement regulations. **Quality-Ranking Factor:** Knowledge of Navy small purchase procedures. Ability to lead and manage a group of 4-7 purchasing agents. This position will be filled at the DG-4 level. Position is at full performance level. Applications may be submitted to China Lake's Human Resources Department, Room 100, no later than 1700 of the closing date, or they may be sent directly to the Human Resources Department, NAWCWPNS, Attn: Ana I. Anderson, Point Mugu, CA 93402-5002. Mailed applications must be postmarked no later than the closing date. Point of contact is Ana I. Anderson, DSN 351-3241. Permanent Change of Duty Station is not authorized. This ad opens on 20 May and closes on 3 June.

No. 017-SH-93, Electronics Engineer, DP-855-3, Naval Air Warfare Center Weapons Division, Point Mugu, Weapons Directorate, In-Service Engineering Department, Maintenance Support Division, Fleet Training Branch, P2533—This position is in the Computer Based Training section of the In-Service Engineering Department, Fleet Training Branch. The incumbent teaches and provides technical and program liaison with NAVAIR PMA-205 sponsor and also provides direct fleet support to users of the A-6E SWH. Trainer (PTT) for maintenance, operation, operation, and training support requirements. This position requires knowledge of computer hardware and soft-

ware and their operation and maintenance support; support contract COTR experience or training; management of training support development, validation, and Fleet distribution; ECP processing of hardware and software revisions; life cycle management support for PTT hardware. **Quality-Ranking Factor:** Knowledge of computer hardware and software. This position will be filled at the DP-3 level. Position is at full performance level. Applications may be submitted to China Lake's Human Resources Department, Room 100, no later than 1700 of the closing date, or they may be sent directly to the Human Resources Department, NAWCWPNS, Attn: Sylvia Henning, Point Mugu, CA 93402-5002. Mailed applications must be postmarked no later than the closing date. Point of contact is Sylvia Henning, DSN 351-3238. Permanent Change of Duty Station is authorized. This ad opens on 20 May and closes on 3 June.

No. 018-TS-93, Interdisciplinary Computer/Electronics, Aerospace Engineer/Physicist/Mathematician/ Computer Scientist, DP-854/855/861/1310/1520/1550-2/3, Naval Air Warfare Center Weapons Division, Point Mugu, Aircraft Weapons Systems Directorate, Aircraft Weapons Integration Department, Software Systems Engineering Division, P224—The incumbent provides systems software engineering for the design of mission avionics, mission support systems, and weapons controls systems utilizing embedded computer; performs design studies, Engineering Change Proposal review, and definition of test requirements; and develops and integrates new or improved systems and subsystems (including hardware and software). **Quality-Ranking Factor:** Extensive experience in the integration of both hardware and software for a complex system with several major subcomponents and establishment of requirements. Experience of real-time software design with CMS-2M and/or ADA high level languages. Experience in avionics, radar, and IRST systems in fighter aircraft and A-6, A-7, A-8, A-10, A-12, A-18, and/or VAX mainframes. This position will be filled at the DP-2 or 3 level. Full performance level is DP-3. Applications may be submitted to China Lake's Human Resources Department, Room 100, no later than 1700 of the closing date or they may be sent directly to the Human Resources Department, NAWCWPNS, Attn: Terry Smith, Point Mugu, CA 93402-5002. Mailed applications must be postmarked no later than the closing date. Point of contact is Terry Smith, DSN 351-3232. Permanent Change of Duty Station is authorized. This ad opens on 20 May and closes on 3 June.

No. 024-004, Intelligence Library Assistant, DG-303-2/3, C02412—This position is located in the Intelligence Library of the Weapons Planning Group at China Lake. The incumbent acts as Custody Control Point (CCP) for classified information and performs other duties including clerical support and librarian-type functions such as reference retrieval services and maintenance of document collections. The incumbent also functions as alternate Department Security Coordinator. Incumbent must be able to obtain and maintain a Secret clearance. **Job-Relevant Criteria:** Ability to read, interpret, and apply instructions; ability to deal with all levels of personnel; knowledge of handling classified materials. Full performance level of this position is DG-3, but not guaranteed. This ad opens on 20 May and closes on 27 May.

No. 21-024, Supervisory Interdisciplinary (General/Mechanical/Aerospace Engineer/Physicist), DP-801/830/861/1310-3, C2183—This position is the Head, Systems Engineering Branch, Survivability and Lethality Division, Aircraft Weapons Integration Department at China Lake. The incumbent will provide management and supervision of the branch personnel. The Systems Engineering Branch provides project engineering support to NAVAIR systems survivability programs and develops vulnerability reduction technology for Tri-Service aircraft application. The incumbent will be responsible for interfacing with existing sponsors and developing new sponsors. The incumbent's responsibilities include: AFK, F/A-18, F-16, F-22, A-6, A-7, A-8, A-10, A-12, A-18, C-17, the Naval Air Combat Survivability Program, and the Joint Technical Coordinating Group on Aircraft Survivability. **Job-Relevant Criteria:** Knowledge of Affirmative Action principles including a willingness to implement EEO practices; knowledge of aircraft systems and principles of flight, aircraft design; ability to communicate orally and in writing; and the ability to plan, organize, coordinate, and manage technical programs. The incumbent must be able to obtain and maintain a Top Secret clearance. See "Notice Regarding Drug Testing Designated

Position" in "Promotional Opportunities" box. **Note:** This position has been identified as being an "Acquisition Professional" under the Defense Acquisition Workforce Improvement Act. The Act mandates certain education, training, and experience requirements that may impact the incumbent. Additional information concerning these requirements is available in the Civilian Personnel Office. May be required to serve a 1-year supervisory probationary period. Promotion potential to DP-4, but not guaranteed. Permanent Change of Duty Station is authorized. Area of consideration: NAWCWPNS. This ad opens on 20 May and closes on 3 June.

No. 21-025, Electrical Engineer, DP-850-1/2, C2158—This position is in the Target Recognition Branch, Fire Control Division, Aircraft Weapons Integration Department, at China Lake. Incumbent will be involved in the development of radar-based target recognition systems. Duties will include interfacing of computer software and hardware, interfacing of various computers and components, manipulation and formatting of SAR and ISAR data, and development and application of software (various radar data and algorithms). **Job-Relevant Criteria:** Knowledge of pattern recognition algorithms and systems; knowledge of FORTRAN and C programming; knowledge of Unix and VAX VMS operating systems; ability to communicate both orally and in writing. Must have or be able to obtain a Secret clearance. Promotion potential to DP-3. Permanent Change of Duty Station is not authorized. This ad opens on 20 May and closes on 3 June.

No. 25-010, Mechanical Engineering Technician, DT-802-3, C2541—This position is located in the Metrology Branch, Manufacturing Science Division, Engineering Department at China Lake. The incumbent performs calibration and repair and takes measurements using a variety of test and measurement equipment. Responsible for design and fabrication of specialized calibration jigs and fixtures. Responsible for writing physical/dimensional calibration procedure when needed. **Job-Relevant Criteria:** Knowledge NAVAIRINST 13640.1A; ability to operate a Schlenk Manometer, Ruska Dead Weight Pressure Tester, Zygo Laser Telemetric System, Bioter Meter, Laser Interferometer, Gage Block Comparator, and Super Micrometer; ability to interpret and apply written instructions; and ability to deal with all levels of technical management. Promotion potential to DT-3. This ad opens on 20 May and closes on 27 May.

No. 64-003, Audio Visual Production Specialist, DA-1071-2, C6424—The position is located in the Presentations Development Branch, Photo/Video Division, Technical Information Department at China Lake. The incumbent provides technical and management community of NAWCWPNS, China Lake. **Job-Relevant Criteria:** Ability to communicate verbally; ability to communicate in writing; ability to interface with all levels of the technical and management community; ability to transform customer desires into effective visual presentations; knowledge of computer operations as applied to graphics illustration. Must be able to obtain and maintain a Secret clearance. Promotion potential to DA-3. This ad opens on 20 May and closes on 27 May.

No. 84-013, Communications Center Assistant, DG-303-3, C8413—This position is located in the Police Operations Branch, Law Enforcement Physical Security Division, Safety and Security Department, Naval Air Weapons Station, China Lake. The incumbent serves as working shift leader in overseeing communication center operations for his/her assigned shift. In addition, the Assistant operates, maintains, and integrates various types of communication media for security, fire, emergency medical, and disaster operations. In this capacity, he/she serves as a link between the reporting person and the Police, Fire, Ambulance, or Security representative who he/she selects to respond to the emergency situation at hand. The work requires the incumbent to operate under pressure in stressful situations, and to work independently. The incumbent will be assigned to the day, swing, or evening watch shift. **Job-Relevant Criteria:** Skill in operating a computer system, ability to adapt rules and regulations to emergency communication situations, ability to communicate verbally and in writing. Incumbent may be required to obtain and maintain a clearance up to the Top Secret level. Permanent Change of Duty Station expenses are authorized. This ad opens on 20 May and closes on 3 June.

No. 84-014, Supervisory Communications Assistant, DG-303-4, C8413—This position is located in the Police Operations Branch, Law Enforcement Physical Security Division, Safety and Security Department, Naval Air Weapons Station, China Lake. The incumbent supervises and manages Communications Center Assistants who operate, maintain, and integrate various types of communication media for security, fire, emergency medical, and disaster operations. In this capacity, his/her employees serve as links between the reporting person and the Police, Fire, Ambulance, or Security representative selected to respond to the emergency situation at hand. The work requires the incumbent to work under pressure in stressful situations. **Job-Relevant Criteria:** Knowledge of emergency communications systems, ability to operate as a first-line supervisor, knowledge of Affirmative Action principles including a willingness to implement EEO practices, ability to influence and motivate others, ability to communicate in writing. The incumbent may be required to serve a 1-year supervisory probationary period. May be required to obtain and maintain a clearance up to the Top Secret level. Permanent Change of Duty Station expenses authorized. This ad opens on 20 May and closes on 3 June.

No. 84-015, Police Officer, GS-083-4, C8413—This ad establishes a temporary promotion list from which Field Training Officer (FTO) positions will be filled on a not-to-exceed 1-year basis. The selections may be made from this list, as necessary, through 1 December 1993. Applicants who do not meet the statutory (Time in Level) requirements but who will meet those requirements during the term of this list, may apply but will not be placed on the list until those requirements are met. The FTO position is located in the Operations Branch of the Law Enforcement Physical Security Division, Safety and Security Department at China Lake. In addition to performing the full range of Police Officer duties, the incumbent will be responsible for monitoring and assessing the development of new recruits. The incumbent will work one of three shifts while providing intense training assigned recruits on a one-to-one basis. Incumbent must demonstrate in-depth knowledge of law enforcement and the ability to convey that knowledge. **Job-Relevant Criteria:** Knowledge of training and evaluation techniques; ability to develop training plans; knowledge of Federal and state laws, and Federal administrative rules, policies, and procedures. This ad opens on 20 May and closes on 27 May.

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 applications 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 Air Warfare Center is an Equal Opportunity Employer.

REASSIGNMENT COLUMN

007-JM-93, Supervisory Interdisciplinary Mechanical/Electronics/Aerospace Engineer, DP-830/855/861-4, Systems Engineering Division, Target Systems Department, Threat Simulation Directorate, Naval Air Warfare Center Weapons Division, Point Mugu, P382—The incumbent serves as second level supervisor and directs the operation of the Systems Engineering Division, Target Systems Department. Incumbent is required to serve as consultant to senior-level military and civilian personnel from NAWCWPNS, sponsors, other services, and industry. Solicits sponsor support for major proposals dealing with complex target systems. Is responsible for the conduct and planning, monitoring, and evaluating of technical equipment and systems. Provides the full range of supervisory duties and supports EEO programs. **Quality-Ranking Factor:** Must demonstrate a mastery of engineering as it relates to the design, modification, testing, and operation of complex high-performance target systems. In addition, demonstrated successful second level supervisory experience is required.

This position will be filled at the DP-4 level. Position is at full performance level. Applications may be submitted to China Lake's Human Resources Department, Room 100, no later than 1700 of the closing date, or they may be sent directly to the Human Resources Department, NAWCWPNS, Attn: Pam Stafford, Point Mugu, CA 93402-5002. Mailed applications must be postmarked no later than the closing date. Point of contact is Pam Stafford, DSN 351-3308. Permanent Change of Duty Station is authorized. This ad opens on 20 May and closes on 7 June.

014-JM-93, Supervisory Interdisciplinary Mechanical/Electronics/Aerospace Engineer, DP-830/855/861-4, Systems Engineering Branch, Systems Engineering Division, Target Systems Department, Threat Simulation Directorate, Naval Air Warfare Center Weapons Division, Point Mugu, P3821—The incumbent is designated as the systems engineer for the development of a low supersonic target, the Supersonic Sea Skimming Target (SSST). As such, the incumbent will apply various technologies and understanding of systems integration, range systems, operational concepts, test and evaluations, and threat systems. Functions include the integration of unique target augmentation systems to meet specific weapons test and evaluation and Fleet training requirements. Other duties include developing test plans, conducting tests, data analysis, and efforts related to the test and evaluation of targets and subsystems. **Quality-Ranking Factor:** Must demonstrate a mastery of engineering as it relates to the design, modification, testing, and operation of complex high-performance, remotely controlled aerial target vehicles; target vehicle command and control systems; and target payload auxiliary and augmentation subsystems. This position will be filled at the DP-4 level. Position is at full performance level. Applications may be submitted to China Lake's Human Resources Department, Room 100, no later than 1700 of the closing date, or they may be sent directly to the Human Resources Department, NAWCWPNS, Attn: Pam Stafford, Point Mugu, CA 93402-5002. Mailed applications must be postmarked no later than the closing date. Point of contact is Pam Stafford, DSN 351-3308. Permanent Change of Duty Station is authorized. This ad opens on 20 May and closes on 7 June.

014-JM-93, Supervisory Interdisciplinary Mechanical/Electronics/Aerospace Engineer, DP-830/855/861-4, Systems Engineering Branch, Systems Engineering Division, Target Systems Department, Threat Simulation Directorate, Naval Air Warfare Center Weapons Division, Point Mugu, P3821—The incumbent is designated as the systems engineer for the development of a low supersonic target, the Supersonic Sea Skimming Target (SSST). As such, the incumbent will apply various technologies and understanding of systems integration, range systems, operational concepts, test and evaluations, and threat systems. Functions include the integration of unique target augmentation systems to meet specific weapons test and evaluation and Fleet training requirements. Other duties include developing test plans, conducting tests, data analysis, and efforts related to the test and evaluation of targets and subsystems. **Quality-Ranking Factor:** Must demonstrate a mastery of engineering as it relates to the design, modification, testing, and operation of complex high-performance, remotely controlled aerial target vehicles; target vehicle command and control systems; and target payload auxiliary and augmentation subsystems. This position will be filled at the DP-4 level. Position is at full performance level. Applications may be submitted to China Lake's Human Resources Department, Room 100, no later than 1700 of the closing date, or they may be sent directly to the Human Resources Department, NAWCWPNS, Attn: Pam Stafford, Point Mugu, CA 93402-5002. Mailed applications must be postmarked no later than the closing date. Point of contact is Pam Stafford, DSN 351-3308. Permanent Change of Duty Station is authorized. This ad opens on 20 May and closes on 7 June.

014-JM-93, Supervisory Interdisciplinary Mechanical/Electronics/Aerospace Engineer, DP-830/855/861-4, Systems Engineering Branch, Systems Engineering Division, Target Systems Department, Threat Simulation Directorate, Naval Air Warfare Center Weapons Division, Point Mugu, P3821—The incumbent is designated as the systems engineer for the development of a low supersonic target, the Supersonic Sea Skimming Target (SSST). As such, the incumbent will apply various technologies and understanding of systems integration, range systems, operational concepts, test and evaluations, and threat systems. Functions include the integration of unique target augmentation systems to meet specific weapons test and evaluation and Fleet training requirements. Other duties include developing test plans, conducting tests, data analysis, and efforts related to the test and evaluation of targets and subsystems. **Quality-Ranking Factor:** Must demonstrate a mastery of engineering as it relates to the design, modification, testing, and operation of complex high-performance, remotely controlled aerial target vehicles; target vehicle command and control systems; and target payload auxiliary and augmentation subsystems. This position will be filled at the DP-4 level. Position is at full performance level. Applications may be submitted to China Lake's Human Resources Department, Room 100, no later than 1700 of the closing date, or they may be sent directly to the Human Resources Department, NAWCWPNS, Attn: Pam Stafford, Point Mugu, CA 93402-5002. Mailed applications must be postmarked no later than the closing date. Point of contact is Pam Stafford, DSN 351-3308. Permanent Change of Duty Station is authorized. This ad opens on 20 May and closes on 7 June.

014-JM-93, Supervisory Interdisciplinary Mechanical/Electronics/Aerospace Engineer, DP-830/855/861-4, Systems Engineering Branch, Systems Engineering Division, Target Systems Department, Threat Simulation Directorate, Naval Air Warfare Center Weapons Division, Point Mugu, P3821—The incumbent is designated as the systems engineer for the development of a low supersonic target, the Supersonic Sea Skimming Target (SSST). As such, the incumbent will apply various technologies and understanding of systems integration, range systems, operational concepts, test and evaluations, and threat systems. Functions include the integration of unique target augmentation systems to meet specific weapons test and evaluation and Fleet training requirements. Other duties include developing test plans, conducting tests, data analysis, and efforts related to the test and evaluation of targets and subsystems. **Quality-Ranking Factor:** Must demonstrate a mastery of engineering as it relates to the design, modification, testing, and operation of complex high-performance, remotely controlled aerial target vehicles; target vehicle command and control systems; and target payload auxiliary and augmentation subsystems. This position will be filled at the DP-4 level. Position is at full performance level. Applications may be submitted to China Lake's Human Resources Department, Room 100, no later than 1700 of the closing date, or they may be sent directly to the Human Resources Department, NAWCWPNS, Attn: Pam Stafford, Point Mugu, CA 93402-5002. Mailed applications must be postmarked no later than the closing date. Point of contact is Pam Stafford, DSN 351-3308. Permanent Change of Duty Station is authorized. This ad opens on 20 May and closes on 7 June.

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's policies 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 processors; (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 1/2/3/5/6, division secretary applicants will be rated on elements 1/2/3/4/5/6/9, Program Office secretary applicants will be rated on elements 1/2/3/4/5/6/9, and department secretary applicants will be rated on elements 4/7/8/9. SUPPLEMENTARY FORM IS REQUIRED AND MAY BE OBTAINED IN ROOM 100 OF THE PERSONNEL BUILDING.

SECRETARIAL COLUMN

No. 21-027, Secretary (Typing), DG-318-3, C2101—Incumbent will provide secretarial support to the Associate Department Head and Head of Staff, Aircraft Weapons Integration Department, C21, at China Lake. The incumbent should have knowledge of the SPED ordering system; skill on the Macintosh computer, including PowerPoint software, and should be able to communicate effectively. Incumbent must currently possess a Secret clearance. Full performance level is DG-3. This ad opens on 20 May and closes on 27 May.



Naval Air Warfare Center Weapons Division Naval Air Weapons Station, China Lake Announcements

Submit items to Barry McDonald, Code C08033, FAX 939-2796 or QuickMail to zone CL 01/02, mail center CL_08_81_MC, by close of business Wednesday the week before publication.

CSUC COMPUTER SCIENCE

ADVISING

Dr. Orlando Madrigal of Cal-State University, Chico, will be at China Lake on Friday, 28 May to advise current and prospective students in the external degree computer science programs offered by the school. The programs lead to Bachelor's and Master's degrees. To make an appointment with Dr. Madrigal call Denise at 939-2648.

CSUB COUNSELORS

ARE COMING

Academic counselors of Cal-State University, Bakersfield, will be at China Lake on Wednesday, 9 June to advise current and prospective students in the external degree programs offered by the school at China Lake. The programs lead to a Bachelor's degree in business administration and a Master's degree in administration. To make an appointment to see one of the counselors call Denise at 939-2648.

MAMMOGRAPHY SCREENING

The Wellness Program (C62206) will sponsor a mammography screening for NAWCWPNS/NAWS employees and their spouses. Valley Technological Services (VTS) will have their mobile mammography unit in front of the Administration Building (0001) on 9, 23, & 29 July. The cost of the x-ray exam is \$60. Participants must be 35 years old to participate unless referred by a physician. VTS is accredited by the American College of Radiology. To schedule an appointment call (800) 458-3385.

FULL LENGTH PHOTOS

AND PORTRAITS

The Photo Lab (C6422) will be taking full-length military photos every Thursday morning from 0730-1030 and will take military and civilian portraits every Thursday afternoon from 1300-1600. If you are unable to come in during these times, call the Photographer Services Branch at 939-1112 and schedule an appointment.

For more information call Butch Partin at 939-1112. (C6422)

SWITZER TRAFFIC CIRCLE

READER BOARD

Due to lack of funding, announcements for the Reader Board located at the Switzer Traffic Circle will now require a J.O. Costs will be shared by all codes using the board. To place an announcement, call the Public Affairs Office at 939-3511. (C0803)

THRIFT SAVINGS PLAN (TSP)

RATES OF RETURN

According to the latest TSP fact sheet, the rates of return for the three investment funds were

	C Fund	F Fund	G Fund
April	(2.39)%	0.67%	0.51%
Last 12 Months	9.37%	12.94%	6.95%

Note: Numbers in parenthesis are negative C Fund—Common Stock Index (Stocks)
F Fund—Fixed Income Index (Bonds)
G Fund—Government Securities

AIAA ANNUAL DINNER

The AIAA annual dinner will be held on Thursday, 27 May at Farris' at the Heritage. A social period will begin at 1730. Dinner will begin at 1830 and will include a two meat buffet (lemon chicken and roast beef) at a cost of \$13 for advance tickets and \$15 at the door. Dr. Hans Mark, the meetings special guest, will speak at 1930. The featured topic will be "Defense Against Ballistic Missiles." Dr. Hans Mark was named Chancellor of the University of Texas System, with a total enrollment exceeding 150,000 students. Dr. Hans Mark served as Deputy Administrator of the National Aeronautics and Space Administration (NASA), he was Under Secretary of the Air Force, and was Director of the NASA-Ames Research Center at Moffett Field, California.

For more information or to purchase tickets call Doug Blanchard at 939-8993, Rodney Harris at 939-8990, or Alex Bernardo at 927-2895.

MACINTOSH SYSTEM 7.1 AND

MAC TCP SOFTWARE LICENSING

With the release of System 7.1, Apple discontinued its policy of allowing free distribution (no-cost copying of the floppies) by user groups and dealers. If you plan to use System 7.1 on your Mac, you are obligated to purchase a copy (about \$90 for a complete package with documentation or \$37 for an update from System 7.0 or 7.0.1).

To reduce Centerwide costs, the Information Systems Department is investigating an immediate (by Thursday, 15 July) NAWCWPNS-wide Site License for Macintosh System 7.1 and MacTCP 1.1.1.

Because the site licenses may not include reimbursement for already-purchased copies, we suggest you do not buy any additional copies at this time.

For more information contact Pat Connell, C633, 939-2615 or Chuck Jones, C6303, 939-1318.

LEAVE DONORS NEEDED

The employees listed below have been approved as leave recipients under the Leave Transfer Program. These employees have exhausted annual and sick leave because of personal or medical emergencies and anticipate being in a leave without pay status for at least 80 hours. Employees who wish to help a leave recipient may donate annual leave to the employee by submitting a completed NAWPCEN Form 12630/16 (Request to Donate Annual Leave to Leave Recipient). This form is available at Shop Store (Tel-Mart). A copy of your leave and earning statement is NOT required. Send your form to Code C621. For additional information please call Cindy Smith at 939-2018.

Sandra Rowan, Secretary, C834

Sandra had surgery and is in need of leave.

Nadine Foley, Personnel Data Management Assistant, C6261.

Nadine had surgery and is now recovering at home.

Majorie Hunter, Secretary, C0231.

Majorie is undergoing surgery on both hands for carpal tunnel syndrome.

Linda Collins, Secretary, C0235.

Linda is pregnant and due 3 May. She is having pre-term labor and is unable to work for the duration of her pregnancy

SUN SOFTWARE MAINTENANCE

CONTRACT

Due to the unwillingness of Sun Microsystems Computer Corporation to negotiate with NAWCWPNS on our requirements for a consolidated software maintenance contract, all efforts to pursue this procurement action are now terminated.

Sun users are advised to procure their own software support.

If you have any questions, contact Ver Espiritu at 939-3397. (C6331)

APPLETALK CHANGE AT

CHINA LAKE MAINSITE

The current AppleTalk network at China Lake has quickly grown beyond the capacity of the network addressing scheme and needs to be split into smaller pieces. These changes will result in a faster and more reliable network for China Lake. Over the next 12 to 18 months, routers will be installed in various places on station to accomplish this task. Two changes to the network are planned for 20 May at 1300 and Friday, 28 May at 1300.

The change scheduled for 20 May will affect AppleTalk devices directly connected to the Ethernet that currently use the "CL MAINSITE" zone. The "CL MAINSITE" zone will be changed to a new "CL ML NORTH" zone. The second change, scheduled for 28 May, will affect users that currently use the "PHASE II APPLETALK



Unless otherwise noted, enroll in the following classes by submitting NAWPNCEN 12410/73 (Rev. 12-88).

Request for On-Center Training, via department

HARDWARE AND SOFTWARE DEVELOPMENT INTEGRATION (4 hrs.)

2 June; Wednesday, 0800-1130; Training Center. By: Dr. Leo Egan, Consultant. This presentation will cover specific life cycles for hardware and software development. Life cycle flow for hardware and software products will be explained. A parallel or concurrent engineering approach will be depicted. Individuals will receive an overall appreciation for the multidisciplinary involved in the integration of systems composed of hardware/software/firmware. Deadline: 19 May.

COST ANALYSIS (8 hrs.)

8 June; Tuesday, 0800-1600; Training Center. By: Alan Vokolek, C2045. REQUIRED FOR ENROLLEES IN THE TMC & SEC PROGRAMS. Topics include reasons for a cost analysis effort; availability of funds-trends for the 90s, and the increasing cost of weapon systems; life cycle costs—the concept, applications, cost analysis techniques, design, cost, and schedule; and the system acquisition cycle—RD&E production, and program reviews. Deadline: 25 May.

ENVIRONMENTAL ENGINEERING (8 hrs.) 9 June; Wednesday, 0800-1600; Training Center. By: Steve Tanner, C2555. REQUIRED FOR ENROLLEES IN THE TMC & SEC PROGRAMS. This course will include what the technical manager (not the practitioner) should know about environmental engineering, what it is, why it's integrated into the acquisition program, and what elements are required in such a program. Deadline: 26 May.

RELIABILITY/MAINTAINABILITY (8 hrs.) 16 June; Wednesday, 0800-1600; Training Center. By: Charles Fleener, C2507. REQUIRED FOR ENROLLEES IN THE TMC & SEC PROGRAMS.

This course is designed to acquaint managers with the elements of reliability and maintainability. The latest activities by DOD, CMN, and NAWS will be discussed. Topics include R&M requirements, R&M management, design criteria, design analysis, parts and materials programs, integrated test programs, failure recurrence control, and documentation review. Help in tailoring these elements to a particular contract because of program phase cost and schedule will be provided. Deadline: 2 June.

INFRARED WINDOW AND DOME MATERIALS (4 hrs.) 24 June; Thursday, 1230-1630; Mich Lab, Conference Room B/C. By: Dr. Daniel C. Harris, C02354. This half-day course is directed at engineers, scientists, and managers who need a basic introduction to properties, performance, and manufacture of windows and domes and presents an overview of the optical, thermal, and mechanical characteristics of infrared-transmitting window and dome materials. Dome fabrication and optical finishing will be described. The concluding section gives the status of dome materials as the infrared optical material of the future. The textbook, *Infrared Window and Dome Materials* (D. C. Harris, SPIE Press, 1992), will be provided to each attendee.

To register call Dorothy at 939-2359.

CAREER COUNSELING

Non-Payday Fridays; Cerro Coso Counselors; Trailer behind Training Center. One-on-one career counseling is available at the Career Transition and Orientation Center. The counselor will be able to help with career decision making, resume writing, and education counseling. Various programs, inventories, and assessments are available.

To obtain more information about the services available or to schedule an appointment call 939-0873.

INTRODUCTION TO THRIFT SAVINGS PLAN: Plus Debt Reduction & Saving Strategies (4 hrs.) 25 May; Tuesday, 1230-1630; Training Center. By: Charles Green, Consultant.

This course is for all CSRS and FERS employees who are eligible to participate in the Thrift Savings Plan. Topics to be discussed are debt reduction; coping with creditors; credit reports; spending plan design; borrowing wisely; saving strategies; explanation of the G, F, and C funds; potential risks and returns attached to each fund; appropriate fund allocation strategies; interfund transfers; and Thrift Savings Plan loan program. *Those already contributing to TSP and are considering additional retirement investments, an advanced course will be given 13 July, which may be more appropriate for you.*

To enroll call the Wellness Program Office, 939-2468.

CAREER TRANSITION WORKSHOP 25 and 27 May; Tuesday and Thursday, 0800-1600 (Plus pre- and post-interviews); Training Center. By: Cerro Coso Staff.

This workshop is designed for employees who, either by choice or by circumstances, are considering retirement, or transitioning to other jobs, either on- or off-Center. To prepare for the workshop, each participant will have an individual 20-minute pre-interview and a 20-minute post-interview. **NOTE: THIS WORKSHOP IS ON 2 DAYS, TUESDAY AND THURSDAY.**

To enroll call Pat at 939-3159.

EQUIPMENT CUSTODIAN (3 hrs.) 26 May; Wednesday, 1300-1600; Training Center. By: Debra Schick, C05E1.

This course is designed to familiarize Equipment Custodians

with Accountability for Plant and Minor Property. It will also provide assistance and guidance in the use of Equipment Management forms and accountable assets.

A way of accessing CERMS through an ACC2 network will be explained and a guide will be handed out.

To enroll call Pat at 939-3159.

TAKING THE INITIATIVE (8 hrs.) 27 May; Thursday, 0800-1600; Training Center. By: Marion Lapan.

This seminar is designed to assist participants in identifying and practicing the skills necessary to stay in control of their careering process. Skills in self-presentation, positioning, risk-taking, connecting, and political astuteness will be learned.

Enrollment for this class is on a call-in basis. To reserve your space call 939-3159.

DEALING WITH DIFFICULT PEOPLE (8 hours) 2 June; Wednesday, 0800-1600; Training Center. By: Suzanne Hard.

Designed to assist employees to be personally effective face-to-face and on the phone with telephone clients, co-workers, and supervisors. Skills will be learned in dealing with negative confrontations and the "difficult" personality type. These skills can improve overall human relations and reduce negative stress.

To enroll call 939-3159.

PARENTING CLASSES (12 hrs.) 3 June through 22 July; Thursdays, 1130-1300; Bldg. 457 (on Blandy). By: Ann Bredrup & Deborah Oliver.

This series of classes (Systematic Training for Effective Parenting (STEP)) is designed for parents of children ages 0 to 6 years old. The program will give participants an opportunity to develop skills and goals for parenting very young children. Books will be available for \$14. To enroll call 939-2468.

CULTURAL/GENERATIONAL GAP (4 hrs.) 3 June; Thursday, 0800-1130 or 1230-1600; Training Center. By: Suzanne Hard, Consultant.

Intended Audience: All NAWC/NAWS employees. This course will look at the demographic, economic, and cultural impact of four groups on our work place effectiveness. The four groups are *The Twenty-Something Generation*, *The Boomers*, *The Dinosaurs*, and *Gender*. The workforce is changing more rapidly than ever. When values are so different, how do you motivate, coach, and train? The new crop of employees, sometimes referred to as the "Brash Pack," have an attitude—they want access, authority, and answers—and they want it NOW. How do you manage and motivate them? The Boomers (now 30-45 years old) find themselves squeezed in the middle by their own large numbers. They see the Dinosaurs above who are not retiring and the Brashers who are pushing from below. Finally, we have the Dinosaurs, the "Command and Control Managers." They are calling many of the shots—they have the history, the networks, and the savvy.

Gender differences and styles may also affect your management effectiveness. You will hear the latest research on how men and women perform similar tasks differently.

This course meets the supervisor's yearly EEO training requirements.

To enroll or ask questions call 939-2468.

OBJECT ORIENTED IMPLEMENTATION IN C++ (40 hrs.) 7-11 June; Monday-Friday, 0800-1600; Training Center. By: John Francis, C2872.

Prerequisite: The student must have a basic understanding of ANSI C programming syntax and an introduction to C++.

This course focuses on the structural (framework of the object oriented language C++). Syntactic properties of C++ are not directly discussed. Object-oriented design methodologies and design tools will be demonstrated and practiced by the student. Several different object-oriented tools will be presented.

A complete design project will be implemented in the class. There will be class projects and assignments. Some light outside work will be required. The lab projects are designed to be solved by a small working group.

Deadline: 24 May

AUTOCAD 2D (LEVELS I & II) (40 hrs.) 7-11 June; Monday-Friday, 0800-1600; Training Center. By: Hit Return, Inc.

Prerequisite: Basic DOS knowledge and fundamental drafting concepts.

In this class you will learn to use the basic 2D Autocad commands to draw and edit drawing; use the utility commands; to use zoom commands; and hands-on plotters technique, and external and internal references to configure the student's hardware.

Deadline: 24 May

MTF MESSAGE EDITOR FOR MACINTOSH (8 hrs.) 7-8 June; Monday-Tuesday, 0800-1130; Training Center. By: H2 Enterprises.

Prerequisite: Knowledge of GENADMIN Naval Message procedures.

The objectives of this course are to create, edit, copy, and spell check naval messages, using the MTF Editor message preparation program and to physically and electronically prepare diskettes in accordance with NTP-3 Annex D by placing all necessary files and messages on a floppy disk for delivery and transmission by Naval Telecommunications Center (NTCC), China Lake. All changes in the recently released version 3.4 will be covered. Participants will also learn how to use the programs format error checking. **Note:** This class is being held on two consecutive mornings.

To enroll call Pat at 939-3159.

CSUN SUMMER COURSES

The following courses are being offered for the summer in the California State University, Northridge (CSUN) Engineering Program (master's degree). To enroll in these courses, call Denise at 939-2648. Deadline for enrolling is 10 calendar days before the starting date of the class.

EE471N: ELECTROMAGNETIC FIELDS AND WAVES II (3 units) 7 June - 6 August; Mondays, Wednesdays, and Fridays (except payday Fridays), 1610-1810; Training Center. By: David Gagnon, 939-1416.

Prerequisite: EE470: Electromagnetic Fields and Waves I or equivalent or consent of instructor. Scope: Analysis of time-varying electromagnetic fields. Maxwell's equations, waves in ideal, lossy matter, impedance concept, duality, equivalence principle, energy flow, reciprocity theorem, transmission lines, wave-guides, resonators, srl surface waves antennas.

EE682N: STATE VARIABLES IN AUTOMATIC CONTROL (3 units) 8 June - 5 August; Tuesdays and Thursdays, 1610-1840; Training Center. By: Philip Bowen, 939-3494.

Prerequisite: EE480: Fundamentals of Control Systems or equivalent or consent of instructor. Scope: Application of state-space methods to the analysis and synthesis of feedback control systems, matrices, vectors and vector spaces, coordinate transformations, solution of the vector matrix differential equation, stability, controllability and observability, and optimal control systems.

IE404: ENGINEERING MANAGEMENT (3 units) 7 June - 4 August; Mondays and Wednesdays, 1610-1840; Training Center. By: Gerald Proctor, 939-4901.

Prerequisite: IE304: Engineering Economy or equivalent or consent of instructor. Scope: Principles of organization and administration applied to engineering research, design, and production.

ME484: CONTROL OF MECHANICAL SYSTEMS (3 units) 1 June - 28 July; Tuesdays, 1610-1910, and Wednesdays, 1030-1230; Training Center. By: Professor C. T. Lin, CSUN, (818) 885-2760.

Prerequisite: AM316: Engineering Dynamics or equivalent or consent of instructor. Scope: Classical feedback control theory emphasizing mechanical systems. Time domain, frequency domain, and state space techniques (stability criteria and system sensitivity). Introduction to design compensation and methods. Digital computer simulation of translational and rotational mechanical, hydraulic, and pneumatic systems.

INTRODUCTION TO SUPERVISION (40 hrs.)

7-11 June; Monday-Friday, 0800-1600; Training Center. By: Donna Eller Jones.

Intended Audience: Supervisory personnel ONLY. This course is required for first-level supervisors needing training in basic supervisory duties. The class will provide fundamental grounding in practical, modern concepts of supervision.

Topics to be covered are introduction, leadership, planning and organizing, problem solving and decision making, motivation, communication, resolving interpersonal conflicts, delegation, NAWC/NAWS personnel management, and a workshop summary.

To enroll or ask questions call 939-2686.

PARENTING CLASSES (15 hrs.)

8 June thru 10 August; Tuesdays, 1130-1300; Bldg. 457 (on Blandy). By: Linda Eberhart & Janet Presley.

This series of classes (Systematic Training for Effective Parenting (STEP)) is designed for parents of children ages 0 to 12. Improving parent-child relationships will be the focus of the 10-week course. The method encourages mutual respect between parent and child, increased cooperation, and effective communication. Books will be available for \$14. To enroll call 939-2468.

RETIREMENT PLANNING FOR YOUNGER EMPLOYEES (8 hrs.) 1 June; Tuesday, 0800-1600; Training Center. By: Employee Relations, Code C621.

This seminar consists of several lectures that discuss the facts affecting retirement, such as those relating to the Civil Service Retirement System and FERS, Thrift Savings Plan, health insurance, life insurance, Social Security, income tax and financial planning, estates, trusts, and wills. This course includes pertinent topics from the Pre-retirement Seminar, with emphasis on what to look for in planning for retirement. This is recommended for employees beyond 2 years of employment and those within more than 5 years of retirement.

Enrollment is on a call-in basis only. To enroll call Pat at 939-3159.

BRIDGING THE GENDER COMMUNICATION GAP (8 hrs.) 15 June; 0800-1600, Tuesday; Training Center. By: Miriam Cartwright and Charles Green.

Recent studies have shown that men and women belong to two different "communication cultures." On the job, the resulting communication can affect relationships with co-workers and supervisors and may even sow the seeds of sexual harassment cases. At the end of this course participants will understand the many differences between men and women in communication purposes, style, and meaning. They will understand how these differences can lead to misunderstanding and confusion, lost efficiency, and conflict, both on and off the job. They will also have techniques available for greatly decreasing the ill effects of these communication differences.

To enroll call Pat at 939-3159.

STRESS MANAGEMENT (16 hrs.) 15, 17, 22, 24 June; Tuesdays and Thursdays, 0800-1130; Training Center. By: Paulette Solberg.

This is a 16 hour, 0.5 unit class through Cerro Coso Community College designed to help participants identify stress in their life. The goal is to provide an opportunity to develop techniques to reduce stress or to deal with it in a positive manner. The class will be a combination of lecture and practice exercises, with emphasis on "take home" skills that can be used by participants to more easily relax in the presence of stress. College registration will be handled the first day of class at the Training Center.

To enroll call 939-2468.

MAC COMPETENCY WEEK/INTRO TO MACINTOSH (40 hrs.) 21-25 June; Monday-Friday, 0800-1600; Training Center. By: Human Interface Training.

This 5-day hands-on, self-paced crash course is good for those new to Mac or those who need to become competent fast. Class includes an introduction to Macintosh computing, Word 5.0, PowerPoint, Filemaker Pro, and Excel 4.0.

To enroll call 939-0870.

BASIC GRAMMAR REVIEW (8 hrs.) 22 June; Tuesday, 0800-1600; Training Center. By: LaHele Thompson.

Whether we are writing a proposal to sell an idea, a letter to solve a problem, or a memorandum to organize a meeting, we want results from that effort. Unless writing is presented correctly,

CPR AND FIRST AID CLASSES

Have you ever thought about learning the lifesaving skills of cardiopulmonary resuscitation (CPR) and first aid? Has it been awhile since your last CPR class? Are you currently certified in CPR and/or first aid but your certification is about to expire? If any of these is true for you, plan on participating in our summer CPR and/or First Aid training classes.

In an effort to train as may China Lakers as possible over a relatively short period of time, the NAWCWPNS Safety Office (C8401), in conjunction with Cerro Coso Community College, will be presenting American Red Cross CPR and Standard First Aid classes from 15 June through 19 August.

Classes will be Monday through Thursday between the dates listed above. CPR classes are 4 hours in duration while standard first aid classes (which include CPR) are 8 hours. There is no cost involved to participate in the classes, which are open to the community.

CPR and first aid saves lives. You will become an important part of the emergency care team as you learn the practical skills for appropriate, life-saving care.

To obtain more information, or to sign up for the classes, call the Safety Office at 939-2315.

HAZMAT "TRAIN-THE-TRAINER" COURSE

Supervisors, have your personnel been trained about the specific hazards associated with the use of the hazardous chemicals in your workplace, in accordance with 29 CFR 1910.1200? Specific Hazardous Materials (HAZMAT) training is required for all users of HAZMAT on station. All employees must be trained in the hazards of every individual chemical he/she is working with. The training is based on the Material Safety Data Sheets (MSDSs) for each of the chemicals. In addition, every time a new chemical or process is introduced into the worksite, all personnel working with that chemical must be trained on the specific hazards of that chemical using the appropriate MSDS. This specific hazard training should not be confused with the general Hazard Communication Standard (HAZCOM) training that is a one-time requirement for all personnel and is taught by the Safety Office.

Each supervisor is responsible for this specific hazard training. The supervisor can designate a specific individual in their workgroup to act as the HAZMAT Trainer to conduct this training. In an effort to assist supervisors and workgroups in meeting this requirement and ensuring each employee gets the appropriate HAZMAT training for his/her job, the Safety Office (C8401) will present a "HAZMAT Train-the-Trainer" course during this year's Safety Awareness Week. It will be given on Monday, 7 June from 1300 to 1500. This class will provide supervisors or designated trainers with the information necessary to conduct specific HAZMAT training for their personnel.

For more information, or to sign up for the course, call Rick Breitengross at 927-1391 or 939-2315. (C8401)

message will not have a chance to get through. The objective of this workshop is to help that person who needs a refresher course in the mechanics of written expression and usage, but does not have time to return full time to a classroom for that update. Upon completion of the class, students will identify the improvement they made in applying their knowledge to topics covered during the course.

To enroll call Pat at 939-3159.

TOTAL QUALITY LEADERSHIP OVERVIEW WORKSHOP (8 hrs.) 25 June; Friday, 0800-1600; Training Center. By: Jim Saylor.

This course provides participants with an overview of the complete TQL process with emphasis on being able to actually use TQL for specific applications. Along with a discussion of tools and techniques and "why" time is spent with the "how to." Classroom work will demonstrate an actual improvement methodology.

Enrollments are on a call-in basis only. To enroll or if you have any questions, call 939-2686.

WORD ON THE MACINTOSH, ADVANCED (16 hrs.)

28-29 June; Monday-Tuesday, 0800-1600; Training Center. By: Donnie Goettig, Consultant.

Prerequisite: 6 months experience using Word 5.0. In this course you will learn how to use:

1. Style sheets: automatic and custom, based on, next style, copying and pasting styles, linked styles, changing and editing styles
2. Tables: multiple-page tables, combining, merging and splitting
3. Advanced graphics: cropping, resizing, position command, flowing text around the graphic
4. Indexes, custom menus
5. Advanced formatting

SECURITY CLASSES

INDUSTRIAL SECURITY FOR NAVY PROFESSIONALS (7 hrs.)

26 May; Wednesday, 0800-1600; Training Center. By: Linda Hall, C84301.

Technical representatives on classified contracts are required to provide the contracting official with the security requirements listed on the DD 254. If you are involved in the contracting process—whether a technical monitor, technical coordinator, or acquisition personnel—this class is for you. The DD 254 and security responsibilities are discussed in detail.

To enroll call 939-2216.

SECURITY FOR CLERICAL AND ADMINISTRATIVE WORKFORCE (8 hrs.)

8 June; Tuesday, 0730-1630; Training Center. By: Linda Hall, C84301.

This course provides information and exercises on marking and safeguarding classified material; how to obtain courier cards and letters; transmission of technical documents; and arranging for visitors and badges.

To enroll call 939-2216.

SECURITY FOR COMPUTER USERS (4 hrs.)

17 June; Thursday, 0800-1600; Training Center. By: Information Systems Security Office.

Intended Audience: Employees who have completed a general security class and require additional computer information.

Topics covered include data security, network security, TEMPEST, viruses, and computer issues specific to China Lake users.

To enroll call 939-2216.

SECURITY OVERVIEW (4 hrs.)

22 June; Tuesday, 0730-1130; Training Center. By: Linda Hall, C84301.

This course is designed to provide employees with a brief security overview of information security, personnel security, operations security, computer security, and security education. The class will include short films on safeguarding and marking classified information, and the foreign intelligence threat.

To enroll call 939-2216.

SECURITY FOR SCIENTISTS, ENGINEERS, AND TECHNICIANS (8 hrs.)

29 July; Tuesday, 0730-1630; Training Center. By: Linda Hall, C84301.

Intended Audience: Scientists, engineers, and technicians whose duties involve access to classified or unclassified technical information.

This course will provide information and exercises in classification, distribution statements, classified meetings, author's responsibilities, personnel security, and OPSEC. A brief discussion of computer security and COMSEC will be held.

To enroll call 939-2216.

CUSTODY CONTROL POINT (CCP) PROCEDURES (8 hrs.)

25 July; Wednesday, 0730-1630; Training Center. By: Linda Hall, C84301.

Prerequisite: Security for Clerical and Administrative Workforce.

This class is for all custody control points and alternates. It will include a discussion of CCP responsibilities, duties, and procedures. This "hands-on" class will cover secret document control, accountability procedures, custodial responsibilities, and procedures for handling/addressing packages, reproduction, and distribution.

To enroll call 939-2216.

4067: TYPES, APPLICATION AND STRUCTURING OF CONTRACTS (36 hrs.)

29 June-14 September; Tuesdays, 1700-2000; Training Center. By: Martha Slayton, 939-9664, UCSB.

Prerequisite: X408.1: Elements of Government Contract Administration or consent of instructor.

Intended Audience: Participants in the certificate program in Government Contract Management.

Course Description: Review of various types and forms of government contracts. Includes choice or type of contract in view of the work statements and risk factors, how each type of contract

works, contract structure and special requirements for administration. Attention is given to incentive and award-fee contracts.

Text: Instructor will sell text at cost (approximately \$25) the first night of class.

Enrollments are on a call-in basis. To enroll call Denise at 939-2648.

EXCEL MACROS (16 hrs.)

30 June-1 July; Wednesday-Thursday, 0800-1600; Training Center. By: Al Goettig, Consultant.

Prerequisite: Experience with complex spreadsheets and at least a brief exposure to Excel's macro capability or an understanding of spreadsheet structure and applications in combination with basic skills with a programming language such as Basic.

Fortran, Pascal, etc.

The course will cover procedures for developing macros for use with Excel spreadsheets. File and window management techniques, interactive macros, looping procedures, and input data checking techniques will be covered. The approach used will be to develop macros to perform specific tasks. Individual elements of the macro language will be discussed in the context of the specific task being considered. Discussion of overall design of multiple spreadsheet systems and the possible uses of macros will also be included.

To enroll call 939-0870.

AMERICAN HERITAGE WEEK WORKSHOPS

MONDAY 24 May 1993

"Celebrating Communication: Gender Differences in Communication" Dr. Idahlyn Karre, PhD, Department of Speech Communications, University of Northern Colorado, Greeley, CO.

• 0815 to 1300 Mich Lab Room 1000D

This presentation will highlight the academic research on gender differences in communication, both verbal and nonverbal, and discuss the application of that knowledge to professional relationships. This seminar is based on the idea that awareness, understanding, and appreciation of gender differences in communication enhance personal effectiveness and interpersonal relationships.

TUESDAY MAY 25, 1993

"Technology in the Native American Culture" James Archuleta

• 1130 Training Center Room 205

Learn about the methods used for centuries to make tools for hunting, scraping, boring, and lighting. See examples of various types of tools and points made from stone. This workshop also includes a film on Native American tribes in Colorado and how they learned to use stone to further their technology.

WEDNESDAY MAY 26, 1993

"Adapting and Succeeding in the China Lake Culture" Panel Discussion

• 0800 Training Center Room 205

This workshop will explore accommodations made by African Americans, Hispanics, Asian Americans, and other naturalized persons while working at China Lake and living in the surrounding community. Panel members will be asked to describe their cultural and ethnic background, how they came to the area, why they decided to stay and what accommodations they have made while here. The panel will then discuss issues that are impacting them while here (e.g., how do I expose my children to the richness of their history? Am I losing my